

PUBLIKATSIOONID

EHITUSTEADUSKOND

Raamatud

Annuka, H. (ed.). Engineering Graphics BALTGRAF-11 : proceedings of the Eleventh International Conference : Tallinn, Estonia, June 9-10, 2011. [Tallinn] : Tallinn University of Technology, [2011]. 201 p.

Annus, I. Development of accelerating pipe flow starting from rest. Tallinn : TUT Press, 2011. 124 p. (Theses of Tallinn University of Technology. F, Thesis on civil engineering ; 33).

Ellmann, A., Kala, V. (koost.). Geodeesia laboratoorse praktikumi juhend. II. Tallinn : TTÜ kirjastus, 2011. 72 lk.

Ellmann, A., Kala, V. (koost.). Geodeesia õppepraktika juhend. Tallinn : TTÜ kirjastus, 2011. 134 lk.

Эллманн, А., Кала, В., Устинова, Н. (сост.). Геодезия : руководство по лабораторному практикуму I. Tallinn : TTÜ kirjastus, 2011. 78 c.

Engelbrecht, J., Varlamova, G. (eds.). Research in Estonia : present and future. Tallinn : Estonian Academy of Sciences, 2011. 477, [1] p.

Kalamees, T., Alev, Ü., Arumägi, E., Pomets, S., Just, A., Kallavus, U. Maaelamute sisekliima, ehitusfüüsika ja energiasääst I : uuringu I etapi lõpparuanne. Tallinn : Tallinna Tehnikaülikool, 2011. 117 lk.

Kalamees, T., Arumägi, E., Just, A., Kallavus, U., Mikli, L., Thalfeldt, M., Klõšeiko, P., Agasild, T., Liho, E., Haug, P., Tuurmann, K., Liias, R., Öiger, K., Langeproon, P., Orro, O., Välja, L., Suits, M., Kõdi, G., Pomets, S., Alev, Ü., Kurik, L. Eesti eluasemefondi puitkorterelamute ehitustehniline seisukord ning prognoositav eluiga : uuringu lõpparuanne. Tallinn : Tallinna Tehnikaülikool, 2011. 316 lk.

Karu, J. Tarbeveekäitus. III, õppevahend. Tallinn : TTÜ kirjastus, 2011. 43 lk.

Kask, M., Loitve, M., Annuka, H. (koost.). Joonestamise harjutusülesanded ehituserialadele. Tallinn : TTÜ insenergraafika keskus, 2011. 20, [2] lk.

Koppel, M. (tlk.). Bituumen ja bituumensideained. Polümeermodifitseeritud bituumenite määratlemise alused. [Tallinn] : Eesti Standardikeskus, 2011. II, 24 lk. (Eesti standard ; EVS-EN 14023:2010).

EHITUSTEADUSKOND

Koppel, M. (tlk.). Sidumata segud. Spetsifikatsioonid. [Tallinn] : Eesti Standardikeskus, 2011. II, 18 lk. (Eesti standard ; EVS-EN 13285:2010).

Kiisa, M. Discrete analysis of single-pylon suspension bridges. Tallinn : TTÜ kirjastus, c2011. 97 p. (Theses of Tallinn University of Technology. F, Thesis on civil engineering ; 32).

Kiisler, A. Logistika ja tarneahela juhtimine. Tallinn : TTÜ kirjastus, 2011. 425 lk.

Kivi, K., Lüiste, A., Lips, A., Hunt, T., Annuka, H., Letunovitš, S. 3D modelleerimine. CNC pink. Joonestamine. [Tallinn] : Tiigrihüppe Sihtasutus, 2011. 254 lk. eraldi pag.

Kulbach, V. (tlk.). Konstruksioonide projekteerimise alused. Hoonete ja kõnniteede kasutuskõlblikkus vibratsioonide seisukohalt. [Tallinn] : Eesti Standardikeskus, 2011. VI, 40 lk. (Eesti standard ; EVS-ISO 10137:2011).

Liias, R., Salmistu, M., Lind, H. jt. (koost.). Kinnisvara korrashoiu hanke dokumendid ja nende koostamise juhend. [Tallinn] : Eesti Standardikeskus, 2011. 97 lk. (Eesti standard ; EVS 910:2011).

Liiv, T. Experimental analysis of boundary layer dynamics in plunging breaking wave. Tallinn : TUT Press, 2011. 139 p. (Theses of Tallinn University of Technology. F, Thesis on civil engineering ; 31).

Loigu, E., Velner, H.-A., Iital, A., Pärnapuu, M. (koost.). Hajureostuse dünaamika loodus- ja põllumaadelt (1960-2010). [Tallinn] : TTÜ kirjastus, 2011. 87, [36] lk.

Mespek, V. (tlk.). Asfaltsegud : kuuma asfaltsegu katsemeetodid. Osa 9, Etalontiheduse määramine. [Tallinn] : Eesti Standardikeskus, 2011. II, 10 lk. (Eesti standard ; EVS-EN 12697-9:2002).

Mespek, V. (tlk.). Asfaltsegud : kuuma asfaltsegu katsemeetodid. Osa 10, Tihendatavus. [Tallinn] : Eesti Standardikeskus, 2011. II, 11 lk. (Eesti standard ; EVS-EN 12697-10:2002).

Mespek, V. (tlk.). Asfaltsegud : kuuma asfaltsegu katsemeetodid. Osa 11, Täitematerjali ja bituumeni vahelise nakke määramine. [Tallinn] : Eesti Standardikeskus, 2011. II, 25 lk. (Eesti standard EVS-EN 12697-11:2005).

Mespek, V. (tlk.). Asfaltsegud : kuuma asfaltsegu katsemeetodid. Osa 15, Segregeeruvuse määramine. [Tallinn] : Eesti Standardikeskus, 2011. II, 12 lk. (Eesti standard ; EVS-EN 12697-15:2003).

Mespek, V. (tlk.). Asfaltsegud : kuuma asfaltsegu katsemeetodid. Osa 23, Asfaltsegust proovikehade kaudse tõmbetugevuse määramine. [Tallinn] : Eesti Standardikeskus, 2011. II, 13 lk. (Eesti standard ; EVS-EN 12697-23:2003).

Mespek, V. (tlk.). Asfaltsegud : kuuma asfaltsegu katsemeetodid. Osa 28, Proovide ettevalmistamine sideainesisalduse, veesisalduse ja terastikulise koostise määramiseks. [Tallinn] : Eesti Standardikeskus, 2011. II, 12 lk. (Eesti standard ; EVS-EN 12697-28:2001).

Mespek, V. (tlk.). Asfaltsegud : kuuma asfaltsegu katsemeetodid. Osa 29, Asfaltsegust proovikehade mõõtmete määramine. [Tallinn] : Eesti Standardikeskus, 2011. II, 7 lk. (Eesti standard ; EVS-EN 12697-29:2003).

Mespek, V. (tlk.). Asfaltsegud : kuuma asfaltsegu katsemeetodid. Osa 30, Proovikehade valmistamine lööktihendamisega. [Tallinn] : Eesti Standardikeskus, 2011. II, 18 lk. (Eesti standard ; EVS-EN 12697-30:2004+A1:2007).

Mespek, V. (tlk.). Asfaltsegud : kuuma asfaltsegu katsemeetodid. Osa 34, Marshalli katse. [Tallinn] : Eesti Standardikeskus, 2011. II, 13 lk. (Eesti standard ; EVS-EN 12697-34:2004+A1:2007).

Mespek, V. (tlk.). Asfaltsegud : kuuma asfaltsegu katsemeetodid. Osa 35, Segu valmistamine laboris. [Tallinn] : Eesti Standardikeskus, 2011. II, 10 lk. (Eesti standard ; EVS-EN 12697-35:2004+A1:2007).

Mespek, V. (tlk.). Asfaltsegud : kuuma asfaltsegu katsemeetodid. Osa 36, Asfaltkatte paksuse määramine. [Tallinn] : Eesti Standardikeskus, 2011. II, 9 lk. (Eesti standard ; EVS-EN 12697-36:2003).

Mespek, V. (tlk.). Teede ja lennuväljade pinna omadused : katsemeetodid. Osa 1, Katte pinna makrotekstuuri sügavuse mõõtmine liivalaigu meetodil. [Tallinn] : Eesti Standardikeskus, 2011. II, 11 lk. (Eesti standard; EVS 13036-1:2010).

Mespek, V. (tlk.). Teede ja lennuväljade pinna omadused : katsemeetodid. Osa 7, Katendikihtide ebatasasuste mõõtmine latiga. [Tallinn] : Eesti Standardikeskus, 2011. II, 12 lk. (Eesti standard ; EVS-EN 13036-7:2003).

Mespek, V. Väike asfaldiraamat. II, Asfaltkatted. Tallinn : Eesti Asfaldiliit, 2011. 66 lk.

Reihan, A., Pärnapuu, M., Iital, A., Roosimägi, J. (koost.). Keskkonnakaitse ülesanded. Tallinn : TTÜ kirjastus, 2011.

Sutt, J. Manual of construction project management for owners and clients. Chichester : Wiley-Blackwell, 2011. 126 p.

Suurkask, V. Korrosioonitõrje : konspekt. Tallinn : TTÜ kirjastus, 2011. 110 lk.

Tamm, K. Wave propagation and interaction in Mindlin-type microstructured solids : numerical simulation. Tallinn : TUT Press, 2011. 183 p. (Theses of Tallinn University of Technology. B, Thesis on natural and exact sciences ; 104).

Vallas, E., Kogermann, E., Paluver, N., Türn, L., Annuka, H. (koost.). Tehnilise graafika kursus : harjutusülesanded. Tallinn : TTÜ insenerigraafika keskus, 2011. 41, [2] lk.

Villemi, M. Transpordiökonomika : heaolu kontseptsioon. [Tallinn] : TTÜ kirjastus, 2011. 107 lk.

Voll, H. Hoonete planeerimine ja fassaadide kujundamine. Tallinn : TTÜ kirjastus, 2011. 88 lk.

Õiger, K. Ehitiste renoveerimine. [Tallinn] : TTÜ kirjastus, 2011. 302 lk.

Õiger, K. Ma tulin tagasi. [Tallinn] : K. Õiger, [2011]. 364 lk.

Artiklid

Alev, Ü., Kalamees, T., Arumägi, E. Indoor climate and humidity loads in old rural houses with different usage profiles // Proceedings of the 9th Nordic Symposium on Building Physics (NSB 2011), 29 May- 2 June 2011, Tampere, Finland. Vol. 3. Tampere : Tampere University of Technology, 2011. p. 1103-1110.

Annus, I., Koppel, T. Transition to turbulence in accelerating pipe flow // Journal of fluids engineering (2011) Vol. 133, 7, [7] p.

Antov, D., Rõivas, T., Antso, I., Sürje, P. A method for pedestrian crossing risk assessment // Urban Transport XVII : Urban Transport and the Environment in the 21st Century : 17th International Conference on Urban Transport and the Environment, Pisa, Italy, 6-8 June 2011. [S.l.] : WIT Press, 2011. p. 587-600. (WIT Transactions on the Built Environment).

Arumägi, E., Ilomets, S., Kalamees, T., Tuisk, T. Field study of hygrothermal performance of log wall with internal thermal insulation // XII International Conference on Durability of Building Materials and Components (XII DBMC), Porto, Portugal, April 12th-15th, 2011. [S.l., 2011]. p. 811-819.

Chati, F., Leon, F., El Moussaoui, M., Klauson, A., Maze, G. Longitudinal mode L(0,4) used for the determination of the deposit width on the wall of a pipe // NDT&E international (2011) Vol. 44, 2, p. 188-194.

* Cuthbertson, A., Davies, P., Laanearu, J., Wählin, A. Dense gravity currents in rotating, up-sloping and converging channel // Proceedings of VII International Symposium on Stratified Flows (ISSF2011) : 22nd-26th of August, Rome, Italy. [S.l.], 2011.

Cuthbertson, A.J.S., Laanearu, J., Wählin, A.K., Davies, P.A. Experimental and analytical investigation of dense gravity currents in a rotating, up-sloping and converging channel // Dynamics of atmospheres and oceans (2011) Vol. 52, 3, p. 386-409.

Ellmann, A. Downward continuation of airborne gravity data using high-resolution global geopotential models // The 8th International Conference Environmental Engineering : May 19-20, 2011, Vilnius, Lithuania : selected papers. Volume III. Vilnius : Technika, 2011. p. 1315-1320.

Ellmann, A. Geodeesiaõpe Tallinna Tehnikaülikoolis // Geodeet (2011) 41 (65), lk. 21.

Ellmann, A., Oja, T., Jürgenson, H. Kosmosetehnoloogia rakendused geoidi ja gravitatsioonivälja täpsustamiseks Eesti alal // Geodeet (2011) 41(65), lk. 22-25.

Engelbrecht, J., Krumm, L. jt. Arvamusi akadeemikutelt // Eesti Teaduste Akadeemia aastaraamat 2010. Tallinn : Eesti Teaduste Akadeemia, 2011. lk. 197-205.

Engelbrecht, J. Internationalization of research in Estonia // Estonia : member state of NATO and the EU : international business handbook 2011-2012. Tallinn : Euroinformer, [2011]. p. 168-177.

Engelbrecht, J. Introduction : towards a knowledge-based society // Research in Estonia : present and future. Tallinn : Estonian Academy of Sciences, 2011. p. 7-24.

Gruno, A. Läänemere valgla hooajaliste massivariatsioonide arvutamine satelliitgravi-meetriliste andmete põhjal // Geodeet (2011) 41(65), lk. 38-46.

Hani, A., Kõiv, T.-A., Mikola, A. Carbon dioxide levels in educational institutions // Recent Researches in Energy & Environment : 6th IASME / WSEAS International Conference on Energy & Environment (EE '11), Cambridge, UK, February 23-25, 2011. [S.l.] : WSEAS, 2011. p. 359-364.

Hani, A., Kõiv, T.-A., Mikola, A. Ventilating with room units in educational institutions // International journal of energy and environment (2011) Vol. 5, 5, p. 629-636.

Herrmann, H., Eik, M. Some comments on the theory of short fibre reinforced materials // Proceedings of the Estonian Academy of Sciences (2011) Vol. 60, 3, p. 179-183.

Iital, A. Nutrient losses from agriculture in Estonia // EcoRegion perspectives (2011) 4, p. 19-20.

Iital, A., Voronova, V., Klõga, M. Development of water scenarios for large lakes in Europe : the case of Lake Peipsi // Journal of water and climate change (2011) Vol. 2, 2-3, p. 154-165.

Ilomets, S., Kalamees, T., Agasild, T., Õiger, K., Raado, L.-M. Durability of concrete and brick facades of apartment buildings built between 1960-90 in Estonia // XII International Conference on Durability of Building Materials and Components (XII DBMC) : Porto, Portugal, April 12th-15th, 2011. [S.l.], 2011. p. 1171-1178.

Ilomets, S., Kalamees, T., Paap, L. Evaluation of the thermal bridges of prefabricated concrete large-panel and brick apartment buildings in Estonia // Proceedings of the 9th Nordic Symposium on Building Physics (NSB 2011) : 29 May- 2 June 2011, Tampere, Finland. Vol. 3. Tampere : Tampere University of Technology, 2011. p. 943-950.

Just, A., Schmid, J. Brandteknisk dimensionering av lätta träregelkonstruktioner enligt Eurokod 5 // Bygg & teknik (2011) 6, p. 15-18.

* Just, A., Schmid, J., König, J. Gypsum plasterboards and gypsum fibreboards – protective times for fire safety design of timber structures // CIB W18 meeting 44, Alghero, 31.08-2.09.2011, Karlsruhe, Germany. Karlsruhe : University of Karlsruhe, 2011.

Jüriorg, U. CAD-integrated measuring technologies for capturing built environments BALTGRAF-11 // Engineering Graphics BALTGRAF-11 : proceedings of the

EHITUSTEADUSKOND

Eleventh International Conference : Tallinn, Estonia, June 9-10, 2011. [Tallinn] : Tallinn University of Technology, [2011]. p. 199-201.

Jüriorg, U. CAD-tarkvara lasermõõdistaja teeb meistrimähe elu lihtsamaks // Ehitaja (2011) 4, lk. 70-72.

Jüriorg, U. Kuidas tootmisettevõttes rikkust kasvatada // Äri-IT (2011) kevad, lk. 29-31.

* Jylhä, K., Tietäväinen, H., Ruosteenoja, K., Kalamees, T., Jokisalo, J., Ilomets, S., Hyvönen, R., Saku, S. Climate change and energy demand for heating and cooling of buildings in Finland // European Geosciences Union General Assembly : Vienna, Austria, 03–08 April, 2011. [S.l.], 2011.

Kala, V. Orientation to baselines for building site network // Geodesy and cartography (2011) Vol. 37, 1, p. 29-32.

Kala, V., Ellmann, A. Arne Randlepp 70 // Geodeet (2011) 41(65), lk. 118-119.

Kalamees, T. Lühikokkuvõtte telliskorterelamute ehitustehnilise seisukorra uuringust = Краткое резюме из исследования строительного-технического состояния кирпичных многоквартирных домов // Elamu (2011) 1, lk. 14-15, 52-53.

* Kalamees, T., Arumägi, E., Ilomets, S. The analysis of indoor hygrothermal conditions in multi-storey wooden apartment buildings // IEA Annex 55 (RAP-RETRO), Working meeting, Porto, Portugal, 18-20 April. [S.l.], 2011. [17] p.

* Kalamees, T., Jylhä, K., Tietäväinen, H., Jokisalo, J., Ilomets, S., Ruosteenoja, K., Hyvönen, R., Saku, S., Huttila, A. Principles to select new test reference year assessing the annual energy for heating and cooling of buildings in Finland // The 12th International Conference on Air Distribution in Rooms, June 19-22, 2011, Trondheim, Norway. [S.l.], 2011. [8] p.

* Kalamees, T., Õiger, K., Kõiv, T.-A., Liias, R., Kallavus, U., Mikli, L., Lehtla, A., Kõdi, G., Arumägi, E. Technical condition of prefabricated concrete large panel apartment buildings in Estonia // XII International Conference on Durability of Building Materials and Components : Porto, Portugal, April 12-15, 2011 : proceedings. II. [Porto], 2011. p. 973-981.

Kivimägi, J. A descriptive analysis of post-closedown environmental monitoring and maintenance of the Pääsküla landfill // Management of environmental quality: an international journal (2011) Vol. 22, 6, p. 769-786.

Kivimägi, J. Jäätmekäitluse keskkonnamõju vähendamise võimalused tiheasustusalal jäätmete liigiti kogumise ja kogumisskeemi optimeerimise läbi Tallinna linna näitel // Inimõju Tallinna keskkonnale. VI : konverentsi artiklid : (8. detsember 2011). Tallinn : Tallinna Botaanikaead, 2011. lk. 125-130.

Klõšeiko, P., Agasild, T., Kalamees, T. Deterioration of building envelope of wooden apartment buildings built before 1940 based on external survey // Proceedings of the 9th Nordic Symposium on Building Physics (NSB 2011), 29 May-2 June 2011, Tampere, Finland. Tampere : Tampere University of Technology, 2011. p. 917-924.

Kodi, G. Study of the long time behavior of glulam structures // SHATIS'11 : International Conference on Structural Health Assessment of Timber Structures, Lisbon, Portugal, 16-17 June 2011 : proceedings. [S.l.], 2011.

Koppel, M. Tormalaste kodupaigäihendus // Aastaraamat 2010 / Eesti Kodu-Uurimise Selts, Eesti Muinsuskaitse Selts, Eesti Genealoogia Selts. [Tallinn] : TEA, c2011. lk. 31-33.

Koppel, O. Economic competencies in transportation engineering curricula // Journal of international scientific publications : educational alternatives (2011) Vol. 9, 2, p. 72-82.

Koppel, O. Eessõna // Logistika ja tarneahela juhtimine. Tallinn : TTÜ kirjastus, 2011. lk. 7.

Koppel, T., Vassiljev, A. Correction of demand patterns on the basis of pressure measurements // Proceedings of the Thirteenth International Conference on Civil, Structural and Environmental Engineering Computing : Chania, Crete, Greece, 6-9 September 2011. Stirlingshire : Civil-Comp Press, 2011. [9] p.

Krasjukova, J. Innovations in dangerous goods transport process technologies and technology // The 23rd NOFOMA Conference, Harstad, Norway, June 9-10, 2011. [S.l.], 2011.

Krasjukova, J. Sensation of dangerous goods in business activity // Journal of international scientific publication : economy & business (2011) Vol. 5, 2, p. 234-257.

Krasjukova, J., Ossipova, J. The use of interactive teaching methods in logistics // Journal of international scientific publications : educational alternatives (2011) Vol. 9, 1, p. 219-248.

Kulbach, V. 100 aastat Heinrich Lauulu sünnist ja 50 aastat kaabelkonstruktsioonide uurimist Tallinna Tehnikaülikoolis // Tallinna Tehnikaülikooli aastaraamat 2010. [Tallinn] : TTÜ kirjastus, c2011. lk. 205-209.

Kurnitski, J., Saari, A., Kalamees, T., Vuolle, M., Niemelä, J., Tark, T. Cost optimal and nearly zero (nZEB) energy performance calculations for residential buildings with REHVA definition for nZEB national implementation // Energy and buildings (2011) Vol. 43, 11, p. 3279-3288.

Kõiv, T.-A. Elekterküte ; Elevaator // TEA entsüklopeedia. 6. köide, eerika-faiaagid. Tallinn : TEA, 2011. lk. 186, 203.

Kõiv, T.-A., Kalamees, T. Indoor climate and energy efficiency in typical residential buildings // Chemistry, emission control, radioactive pollution and indoor air quality. [S.l.] : InTech, 2011. p. 597-618.

Kõiv, T.-A., Maivel, M., Mikola, A., Kuusk, K. Energy efficiency and indoor climate of apartment and educational buildings in Estonia // Recent Researches in Energy, Environment, Devices, Systems, Communications and Computers : International Conference on Energy, Environment, Devices, Systems, Communications, Computers

EHITUSTEADUSKOND

(EEDSCC'11) : Venice, Italy, March 8-10, 2011. [Venice] : WSEAS Press, 2011. p. 191-196.

Kõiv, T.-A., Voll, H., Mikola, A., Lukjanov, D. The indoor climate and ventilation of elderly homes // Recent Researches in Environment, Energy Planning and Pollution : proceedings of the 5th WSEAS International Conference on Renewable Energy Sources (RES'11). [...(EPESE'11), ... (WWAI'11)] : Iasi, Romania, July 1-3, 2011. [Iasi] : WSEAS Press, 2011. p. 229-232.

Kõrbe Kaare, K., Ossipova, J. Magistritasemel logistikavaldkonna õppekavade "Tarneahela juhtimine" ja "Logistika" väljatöötamine Tallinna Tehnikakõrgkooli ja Tallinna Tehnikaülikooli koostöös tulenevalt tööturu vajadusest // Logistikaseminar 2011 : BE wise, THINK twice – ACT technologically, Pärnu, 24.-25. märts 2011. [S.l.], 2011.

Kõrbe Kaare, K., Ossipova, J. Opportunities created by logistic competence centers in the regional economy using Valga logistic competence centre as an example // Journal of international scientific publications : economy & business (2011) Vol. 5, 2, p. 195-218.

Laanearu, J., Annus, I., Raidmaa, M., Koppel, T. Transient flow during filling of horizontal pipe containing water // Urban Water Management: Challenges and Opportunities : proceedings of the 11th International Conference on Computing and Control for the Water Industry (CCWI 2011) : University of Exeter, 5-7 September 2011. Exeter : University of Exeter, 2011. p. 913-918.

* Laanearu, J., Cuthbertson, A., Davies, P. Dense-water overflow in a converging and up-sloping channel // Proceedings of VII International Symposium on Stratified Flows (ISSF2011) : 22nd-26th of August, Rome, Italy. [S.l.], 2011.

Laanearu, J., Vassiljev, A., Davies, P.A. Hydraulic modelling of stratified bi-directional flow in a river mouth // Engineering nad computational mechanics (2011) Vol. 164, 4, p. 207-216.

Lasn, K., Klauson, A. Non-destructive identification of elastic constants by vibration measurements and optimization // OAS 2011 : International Conference on Optimization and Analysis of Structures, August 25-27, 2011, Tartu, Estonia : abstracts. Tartu : Institute of Mathematics University of Tartu, 2011. p. 22.

Lasn, K., Klauson, A., Chati, F., Decultot, D. Experimental determination of elastic constants of an orthotropic composite plate by using Lamb waves // Mechanics of composite materials (2011) Vol. 47, 4, p. 435-446.

Lasn, K., Klauson, A., Chati, F., Decultot, D. Experimental identification of elastic constants of an orthotropic composite plate // Proceedings of 16th International Conference on Composite Structures (ICCS16), Porto, June 28-30, 2011. [S.l.] : FEUP, 2011. [2] p.

Laur, T. Toomas Laur: oluline on ka betoonpindade vaatlemise kaugus // Ehitaja (2011) 3, lk. 36.

Liibusk, A., Ellmann, A., Kõuts, T. Use of high resolution sea level measurements for height transfer in the West-Estonian archipelago // The 8th International Conference Environmental Engineering : May 19-20, 2011, Vilnius, Lithuania : selected papers. Volume III. Vilnius : Technika, 2011. p. 1374-1381.

Лийсма, Э. Требуется ли оценка морозостойкости бетона альтернативного метода? // Строитель (2011) 2, с. 42-44.

Liisma, E. Kas betooni külmakindluse hindamine Eestis vajab alternatiivmeetodit? // Ehitaja (2011) 5/6, lk. 52-54.

Liiv, U. Kas voolava veega torusse võib puurida augu? // Inseneria (2011) 3, lk. 48.

Loginov, D. Possibilities of modeling the creative part of engineering design process using the synergetic approach // International journal of mathematical models and methods in applied sciences (2011) Vol. 5, 1, p. 95-104.

Mikola, A., Kõiv, T.-A. Indoor air quality in apartment buildings of Estonia // Recent Researches in Environment, Energy Planning and Pollution : Proceedings of the 5th WSEAS International Conference on Renewable Energy Sources (RES'11). [...(EPESE'11), ... (WWAI'11)] : Iasi, Romania, July 1-3, 2011. [Iasi] : WSEAS Press, 2011. p. 13-17.

Mikola, A., Voll, H., Kõiv, T.-A., Rebane, M. Indoor climate of classrooms with alternative ventilation systems // Recent Researches in Geography, Geology, Energy, Environment and Biomedicine : Proceedings of the ... EMESSEG '11, ... WORLD-GEO '11, ... EDEB '11 : Corfu Island, Greece, July 14-16, 2011. [S.I.] : WSEAS Press, 2011. p. 423-428.

Mill, T., Ellmann, A., Uueküla, K., Joala, V. Road surface surveying using terrestrial laser scanner and total station technologies // The 8th International Conference Environmental Engineering : May 19-20, 2011, Vilnius, Lithuania : selected papers. Volume III. Vilnius : Technika, 2011. p. 1142-1147.

Mill, T., Ellmann, A., Uueküla, K., Joala, V. Teetasapinna mõõdistamine terrestrialilise laserskaneerimise ja elektrontahhümeetrilise mõõdistamise tehnoloogiaga // Geodeet (2011) 41(65), lk. 81-85.

Mõisnik, K. Furgoonauto ; Greider ; Greiferkopp // TEA entsüklopeedia. 7. köide, Faial-Haamer. Tallinn : TEA, 2011. lk. 153, 315.

Mõisnik, K. Ehituskraanad ; Ehitusmasinad ; Ehitustõstukid ; Elektriline käsimasin ; Elevaator // TEA entsüklopeedia. 6. köide, eerika-faiaagid. Tallinn : TEA, 2011. lk. 148, 149, 189, 203.

Mõisnik, K., Reinsalu, E. Ekskavaator // TEA entsüklopeedia. 6. köide, eerika-faiaagid. Tallinn : TEA, 2011. lk. 168-169.

Mägi, R. BALTGRAF : engineering graphics in the Baltic States // Baltic journal of European studies (2011) Vol. 1, 1(9), p. 390-397.

EHITUSTEADUSKOND

Mägi, R. BALTGRAF – 20th jubilee // Engineering Graphics BALTGRAF-11 : proceedings of the Eleventh International Conference : Tallinn, Estonia, June 9-10, 2011. [Tallinn] : Tallinn University of Technology, [2011]. lk. 9-14.

Mägi, R. Human dimension in engineering graphics // Engineering Graphics BALTGRAF-11 : proceedings of the Eleventh International Conference : Tallinn, Estonia, June 9-10, 2011. [Tallinn] : Tallinn University of Technology, [2011]. p. 136-141.

Mägi, R. Time factor in drawing // Baltic horizons (2011) 16, p. 41-45.

Mägi, R., Meister, K. Computer graphics (3D) and students' feedback // Engineering Graphics BALTGRAF-11 : proceedings of the Eleventh International Conference : Tallinn, Estonia, June 9-10, 2011. [Tallinn] : Tallinn University of Technology, [2011]. p. 46-52.

Mägi, V., Möldre, H. Uncomfortable settings // Engineering Graphics BALTGRAF-11 : proceedings of the Eleventh International Conference : Tallinn, Estonia, June 9-10, 2011. [Tallinn] : Tallinn University of Technology, [2011]. p. 118-123.

Nežerenko, O., Koppel, O. Rail sector restructuring in the EU: implications for rail business environment in CEE countries : [Electronic resource] // 3rd International Conference "Economies of Central and Eastern Europe: Convergence, Opportunities and Challenges", 12–14 June 2011, Tallinn : conference proceedings. Tallinn : TTÜ majandusteaduskond, 2011. [16] p. [CD-ROM].

Nuuter, T., Lill, I. Can we blame the housing boom for causing the economic recession in Estonia? // Recent Researches in Social Science, Digital Convergence, Manufacturing and Tourism : International Conference on Social Science, Social Economy and Digital Convergence (IC-SSSE-DC '11) : International Conference on Manufacturing, Commerce, Tourism and Services (ICM-CTS '11) : Lanzarote, Canary Islands, Spain, May 27-29, 2011. [S.l.] : WSEAS Press, 2011. p. 75-80.

Oja, T., Ellmann, A., Jürgenson, H., Kall, T. Mudelpindade EST-GEOID2011 ja EST-GEOID2003 omavahelistest erinevustest ning võimalikust üleminekust uuele kõrgussüsteemile // Geodeet (2011) 41(65), lk. 31-37.

Oja, T., Türk, K., Ellmann, A., Gruno, A., Bloom, A., Sulaoja, M. Relative gravity surveys on ice-covered water bodies // The 8th International Conference Environmental Engineering : May 19-20, 2011, Vilnius, Lithuania : selected papers. Volume III. Vilnius : Technika, 2011. p. 1394-1401.

Ostfeld, A.,... Koppel, T., Vassiljev, A. et al. The battle of the water calibration networks (BWCN) // Journal of water resources planning and management (2011) p. 1-34.

Piirimäe, K. Keskkonnahoidlik põllumajandus tasub ära : Kristjan Piirimäed usutlenud Juhan Javoiš // Eesti Loodus (2011) 2, lk.37-39.

Puust, R., Maddison, M., Laanearu, J. Reviewing the effectiveness of GPU power when used for water network optimization problems // Urban Water Management: Challenges and Opportunities : proceedings of the 11th International Conference on

Computing and Control for the Water Industry (CCWI 2011), University of Exeter, 5-7 September 2011. Exeter : University of Exeter, 2011. p. 3-7.

Raado, L.-M. Fibroliit // TEA entsüklopeedia. 7. köide, Faial-Haamer. Tallinn : TEA, 2011. lk. 44.

Raado, L. Kas tsemenditööstus ja betooni kasutamine põhjustavad õhu saastumist? // Ehitaja (2011) 5/6, lk. 49-51.

Raado, L.-M., Tuisk, T., Rosenberg, M., Hain, T. Durability behavior of portland burnt oil shale cement concrete // Oil shale (2011) Vol. 28, 4, p. 507-515.

Ratassepp, M., Fletcher, S., Klauson, A. Axial defect imaging in a pipe using synthetically focused guided waves // Estonian journal of engineering (2011) Vol. 17, 1, p. 66-75.

Ratassepp, M., Rihma, J., Klauson, A. Applying guided waves for the characterization of defects in isotropic plates // OAS 2011 : International Conference on Optimization and Analysis of Structures, August 25-27, 2011, Tartu, Estonia : abstracts. Tartu : Institute of Mathematics University of Tartu, 2011. p. 38.

Remes, H., Romanoff, J., Varsta, P., Jelovica, J., Klanac, A., Niemelä, A., Bralic, S., Naar, H. Hull/superstructure-interaction in optimized passenger ships // Advances in marine structures : proceedings of the 3rd International Conference on Marine Structures - MarStruct 2011 : Hamburg, Germany, 28-30 March 2011. London : Taylor & Francis, 2011. p. 625-632.

Romanoff, J., Naar, H., Varsta, P. Interaction between web-core sandwich deck and hull girder of passenger ship // Marine systems and ocean technology (2011) Vol. 6, No 1, lk. 39-45.

Soekov, E., Lill, I. Effect of subcontracting on construction scheduling // Recent Researches in Social Science, Digital Convergence, Manufacturing and Tourism : International Conference on Social Science, Social Economy and Digital Convergence (IC-SSSE-DC '11) : International Conference on Manufacturing, Commerce, Tourism and Services (ICM-CTS '11) : Lanzarote, Canary Islands, Spain, May 27-29, 2011. [S.l.] : WSEAS Press, 2011. p. 105-110.

Soomere, T., Viška, M., Lapinskis, J., Räämet, A. Linking wave loads with the intensity of erosion along the coast of Latvia // Estonian journal of engineering (2011) Vol. 17, 4, p. 359-374.

Sutt, J. Ehitusmaterjalide kvaliteedimaduste standardimine viib ehituse juhtimise uuele tasemele // Ehitaja (2011) 4, lk. 64-69.

Sutt, J., Aaskivi, U. Mudelprojekteerimine aitab luua energiasäästlikke piirdetarindeid // Ehitaja (2011) 9, lk. 58-62.

Säärekõnno, J. Käsiraamat insenerile ja kooliraamat üliõpilasele // Tallinna Tehnikailikooli aastaraamat 2010. [Tallinn] : TTÜ kirjastus, c2011. lk. 296-298.

Tabri, K., Broekhuijsen, J. Influence of ship motions in the numerical prediction of ship collision damage // Advances in marine structures : proceedings of the 3rd

EHITUSTEADUSKOND

International Conference on Marine Structures - MarStruct 2011 : Hamburg, Germany, 28-30 March 2011. London : Taylor & Francis, 2011. p. 391-397.

Tenzer, R., Abdalla, A., Novak, P., Vajda, P., Ellmann, A. A spectral modelling of the gravitational contribution of the far-zone topography // Geophysical Research Abstracts. (2011) Vol. 13, p. EGU2011-9674.

Tenzer, R., Novak, P., Vajda, P., Ellmann, A., Abdalla, A. Far-zone gravity field contributions corrected for the effect of topography by means of Molodensky's truncation coefficients // Studia geophysica et geodaetica (2011) Vol. 55, 1, p. 55-71.

Thalfeldt, M. Ventilatsioonisüsteemi valimine (puit)korterelamu rekonstrueerimisel // Keskonnatehnika (2011) 8, lk. 21-23.

Tärno, Ü. Laul küsiks, kus me täna oleme? // Tallinna Tehnikaülikooli aastaraamat 2010. [Tallinn] : TTÜ kirjastus, c2011. lk. 211-217.

Türk, K., Sulaoja, M., Oja, T., Ellmann, A., Jürgenson, H. Precise gravity surveys in South Estonia from 2009 to 2010 // The 8th International Conference Environmental Engineering : May 19-20, 2011, Vilnius, Lithuania : selected papers. Volume III. Vilnius : Technika, 2011. p. 1499-1505.

Vassiljev, A., Koppel, T., Saare, A. Sensitivity of calibration results to uncertainties in input data: case of operational water distribution system // Urban Water Management: Challenges and Opportunities : proceedings of the 11th International Conference on Computing and Control for the Water Industry (CCWI 2011), University of Exeter, 5-7 September 2011. Exeter : University of Exeter, 2011. p. 713-718.

Veidemane, K., Iital, A., Gielczewski, M. Participatory scenarios for regional water management planning: an Eastern Baltic case study // Journal of water and climate change (2011) Vol. 2, 2/3, p. 143-153.

Witt, E., Liias, R. Comparing risk transfers under different procurement arrangements // International journal of strategic property management (2011) Vol. 15, 2, p. 173-188.

Witt, E., Lill, I. Learner perceptions of construction industry knowledge and skills requirements // Recent Researches in Social Science, Digital Convergence, Manufacturing and Tourism : International Conference on Social Science, Social Economy and Digital Convergence (IC-SSSE-DC '11) : International Conference on Manufacturing, Commerce, Tourism and Services (ICM-CTS '11) : Lanzarote, Canary Islands, Spain, May 27-29, 2011. [S.l.] : WSEAS Press, 2011. p. 93-98.

* Voll, H. Building labelling systems and principles // REHVA AM 2011 : Towards net zero energy buildings, 19-20 May, Tallinn, Estonia. Tallinn, 2011.

Voll, H. Energiatõhususe tippspetsialistid jagavad Tallinnas kogemusi // Ehitaja (2011) 4, lk. 24.

Voll, H., Kõiv, T.-A. Comparison of energy modelling and laboratory tests on green roof potential to decrease the cooling demand for North European office buildings //

Recent Researches in Automatic Control : 13th WSEAS International Conference on Automatic Control, Modelling & Simulation (ACMOS'11) : Lanzarote, Canary Islands, May 27-29, 2011. [S.l.] : WSEAS Press, 2011. p. 125-130.

Voll, H., Raide, I. Analysis of heating energy of ventilation systems in non-residential passive houses in Estonia // Recent Researches in Urban Sustainability and Green Development : proceedings of the 2nd International Conference on Urban Sustainability, Cultural Sustainability, Green Development, Green Structures and Clean Cars (USCUDAR'11) : Prague, Czech Republic, September 26-28, 2011. [Prague] : WSEAS Press, 2011. p. 95-100.

Voll, H., Seinre, E. Evaluation and comparison of various calculation zone analysis for dynamic simulation software's // International Journal of Mathematics and Computers in Simulation (2011) Vol. 5, 3, p. 190-197.

Voll, H., Seinre, E., Sööt, M. Analysis of passive architectural roof cooling potential to decrease the cooling demand for Northern European Office buildings based on energy modelling and laboratory tests // WSEAS transactions on environment and development (2011) Vol.7, 5, p. 136-145.

Voll, H., Seinre, E., Tark, T. Feasibility study for building quality assessment regulations in Estonia // Proceedings of the 2nd International Multi-Conference on Complexity, Informatics and Cybernetics (IMCIC 2011) : March 27-30, 2011 Orlando, Florida, USA : Volume I. [S.l.], 2011. p. 201-205.

Voll, H., Seinre, E., Tark, T. Evaluation of dynamic simulation software's to meet the minimum requirements of energy efficiency in Estonia // Application of Mathematics and Computer Engineering : American Conference on Applied Mathematics (AMERICAN-MATH '11) : 5th WSEAS International Conference on Computer Engineering and Application (CEA'11) : Puerto Morelos, Mexico, January 29-31, 2011. [S.l.] : WSEAS, 2011. p. 129-134.

Vorobiova, A., Witt, E., Lill, I. Multilingual and multicultural education in construction // Proceedings of the 10th International Postgraduate Research Conference (IPGRC) : Salford, England, 14th-15th September 2011. Salford : University of Salford, 2011. p. 547-554.

Voronova, V., Moora, H., Loigu, E. Environmental assessment and sustainable management options of leachate and landfill gas treatment in Estonian municipal waste landfills // Management of environmental quality : an international journal (2011) Vol. 22, 6, p. 787-802.

Õiger, K. Assessment of structural conditions for an old fortification in Tallinn, Estonia // XII International Conference on Durability of Building Materials and Components (XII DBMC) : Porto, Portugal, April 12th-15th, 2011. [S.l., 2011]. p. 649-656.

Õiger, K., Kodi, G. Experiences in design, construction and maintenance of timber shell roofs in Estonia // SHATIS'11 : International Conference on Structural Health

ENERGEETIKATEADUSKOND

Assessment of Timber Structures : Lisbon, Portugal, 16-17 June 2011 : proceedings. [S.l.], 2011.

ENERGEETIKATEADUSKOND

Raamatud

Brindfeldt, E., Pettai, E., Hõimoja, H., Beldjajev, V. Actuators in industrial automation. Tallinn, 2011. 112 p.

Brindfeldt, E., Pettai, E., Hõimoja, H., Beldjajev, V. Täituriid tööstusautomaatikas. Tallinn, 2011. 123 lk.

Бриндфелд, Е., Петаи, Е., Хоймойа, Х., Белджаев, В. Изпълнителни устройства в индустриалната автоматизация. Габрово : Издателство Екс-прес, 2011. 124 с.

Egorov, M. Research and development of control methods for low-loss IGBT inverter-fed induction motor drives. Tallinn : TUT Press, 2011. 164 p. (Theses of Tallinn University of Technology. D, Thesis on power engineering, electrical engineering, mining engineering ; 49).

Järvik, J., Schwab, A.J., Vorševski, A.A. Elektromagnetiline ühilduvus. Tallinn, 2011. 305 lk.

Kilter, J. (tlk.). Avalike elektrivõrkude pinge tunnussuurused. [Tallinn] : Eesti Standardikeskus, 2011. II, 38 lk. (Eesti standard ; EVS-EN 50160:2010).

Kroon, K. (tlk.) ; (toim.) Risthein, E. Elektriliste katsetuspaigaldiste ehitamine ja käit. [Tallinn] : Eesti Standardikeskus, 2011. II, 25 lk. (Eesti standard ; EVS-EN 50191:2010).

Lahtmets, R. (ed.). 10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 10-15, 2011. [Tallinn] : Estonian Society of Moritz Hermann Jacobi, 2011. 262 p.

Lehtla, T. (tlk.). Madalpingelised lülitusaparaadid. Osa 1, Üldreeglid. [Tallinn] : Eesti Standardikeskus, 2011. II, 40 lk. (Eesti standard ; EVS-EN 60947-1:2008/A1:2011).

Lehtla, T. (tlk.). Madalpingelised lülitusaparaadid. Osa 1, Üldreeglid. [Tallinn] : Eesti Standardikeskus, 2011. II, 225 lk. (Eesti Standard ; EVS-EN 60947-1:2008+A1:2011)

Lehtla, T. (tlk.). Masinate ohutus : masinate elektriseadmed. Osa 1, Üldnõuded. [Tallinn] : Eesti Standardikeskus, 2011. III, 129 lk. (Eesti standard EVS-EN 60204-1:2006+A1:2009).

Lehtla, T. (tlk.). Toodete tehnilises dokumentatsioonis kasutatavate tingmärkide kujundamine. Osa 1, Põhireeglid. [Tallinn] : Eesti Standardikeskus, 2011. II, 17 lk. (Eesti standard ; EVS-EN ISO 81714-1:2010).

Loorens, J. ; (toim.) Järvik, J. Elektripaigaldiste elektromagnetiline keskkond ja seadmete ühilduvus. Tallinn : EETEL-Ekspert, 2011. 106 lk. (Elektripaigaldised : teabe-raamat ; 11).

Meldorf, M., Kilter, J. Elektrisüsteemi stabiilsus. Tallinn : TTÜ kirjastus, 2011. 346 lk.

Müür, M., Pettai, E., Lepiksoo, U. Application of PLC in industrial automation. Tallinn, 2011. 118 p.

Müür, M., Pettai, E., Lepiksoo, U. Programmeeritavad kontrolleriid tööstusautomaatika. Tallinn, 2011. 118 lk.

Мююр, М., Петай, Е., Лепиксу, У. Приложение на програмируемите логически контролери в индустриалната автоматизация. Габрово : Издателство Екс-прес, 2011. 127 с.

Oidram, R. (tlk.). IEC standardpinged. [Tallinn] : Eesti Standardikeskus, 2011. V, 11 lk. (Eesti standard ; EVS-IEC 60038:2010).

Oidram, R. (tlk.). Madalpingevõrkudes kasutatavate seadmete isolatsiooni koordinaatsioon. Osa 3, Ühe- ja kahepoolsete pinnakatete ning kompaundivormide kasutamine saastekaitseks. [Tallinn] : Eesti Standardikeskus, 2011. II, 24 lk. (Eesti standard ; EVS-EN 60664-3:2005+A1:2010).

Oidram, R. (tlk.). Madalpingevõrkudes kasutatavate seadmete isolatsiooni koordinaatsioon. Osa 3, Ühe- ja kahepoolsete pinnakatete ning kompaundivormide kasutamine saastekaitseks. [Tallinn] : Eesti Standardikeskus, 2011. II, 8 lk. (Eesti standard ; EVS-EN 60664-3:2005/A1:2010).

Oidram, R. (tlk.). Tugevvoolupaigaldised nimivahelduvpingega üle 1 kV. Osa 1, Üldnõuded. [Tallinn] : Eesti Standardikeskus, 2011. II, 119 lk. (Eesti standard ; EVS-EN 61936-1:2010).

Oidram, R. (tlk.). Üle 1 kV nimivahelduvpingega tugevvoolupaigaldiste maandamine. [Tallinn] : Eesti Standardikeskus, 2011. II, 70 lk. (Eesti standard ; EVS-EN 50522:2010).

Reinsalu, E. Eesti mäendus : õpik kõrgkoolidele. [Tallinn] : TTÜ kirjastus, 2011. 186 lk.

Risthein, E. (koost.). Elektromagnetiline ühilduvus. Osa 6-3, Erialased põhistandardid. Olme-, kaubandus- ja väiketööstuskeskkondade emissioonistandard. [Tallinn] : Eesti Standardikeskus, 2011. II, 22 lk. (Eesti standard ; EVS-EN 61000-6-3:2007+A1:2011).

Risthein, E. (tlk.). Elektromagnetiline ühilduvus. Osa 6-3, Erialased põhistandardid. Olme-, kaubandus- ja väiketööstuskeskkondade emissioonistandard. [Tallinn] : Eesti standardikeskus, 2011. II, 14 lk. (Eesti standard ; EVS-EN 61000-6-3:2007/A1:2011).

Risthein, E. (koost.). Elektromagnetiline ühilduvus. Osa 6-4, Erialased põhistandardid. Tööstuskeskkondade emissioonistandard. [Tallinn] : Eesti Standardikeskus, 2011. II, 20 lk. (Eesti standard ; EVS-EN 61000-6-4:2007+A1:2011).

ENERGEETIKATEADUSKOND

Risthein, E. (tlk.). Elektromagnetiline ühilduvus. Osa 6-4, Erialased põhistandardid. Tööstuskeskkondade emissioonistandard. [Tallinn] : Eesti Standardikeskus, 2011. II, 13 lk. (Eesti standard ; EVS-EN 61000-6-4:2007/A1:2011).

Risthein, E. (tlk.). Elektrotehnikas kasutatavad tähised. Osa 7, Elektrienergia genereerimine, edastamine ja jaotamine. [Tallinn] : Eesti Standardikeskus, 2011. II, 30 lk. (Eesti standard ; EVS-EN 60027-7:2010).

Risthein, E. (tlk.). Inimese-masina-liidese üld- ja ohutuspõhimõtted, märgistus ja tuvastamine. Seadmeklemmide, juhtide otste ja juhtide tuvastamine. [Tallinn] : Eesti Standardikeskus, 2011. II, 25 lk. (Eesti standard ; EVS-EN 60445:2011).

Risthein, E. (tlk.). Madalpingelised elektripaigaldised. Osa 4-444, Kaitseviisid. Kaitse pingehäiringute ja elektromagnetiliste häiringute eest. [Tallinn] : Eesti Standardikeskus, 2011. II, 39 lk. (Eesti standard ; EVS-HD 60364-4-444:2010).

Risthein, E. (tlk.). Madalpingelised elektripaigaldised. Osa 5-52, Elektriseadmete valik ja paigaldamine. Juhistikud. [Tallinn] : Eesti Standardikeskus, 2011. II, 95 lk. (Eesti standard ; EVS-HD 60364-5-52:2011).

Risthein, E. (tlk.). Madalpingelised elektripaigaldised. Osa 5-56, Elektriseadmete valik ja paigaldamine. Turvasüsteemid. [Tallinn] : Eesti Standardikeskus, 2011. II, 21 lk. (Eesti standard ; EVS-HD 60364-5-56:2010).

Risthein, E. (tlk.). Madalpingelised elektripaigaldised. Osa 7-702, Nõuded eripaigaldistele ja -paikadele. Ujumisbasseinid ja purskkaevud . [Tallinn] : Eesti Standardikeskus, 2011. II, 25 lk. (Eesti standard ; EVS-HD 60364-7-702:2010).

Risthein, E. (tlk.). Plahvatusohtlikud keskkonnad. Osa 0, Seadmed. Üldnõuded. [Tallinn] : Eesti Standardikeskus, 2011. II, 112 lk. (Eesti standard ; EVS-EN 61439-1:2009).

Risthein, E. (tlk.). Pöörlevad elektrimasinad. Osa 1, Tunnussuurused ja talitlusviisid. [Tallinn] : Eesti Standardikeskus, 2011. II, 70 lk. (Eesti standard ; EVS-EN 60034-1:2010).

Risthein, E. (tlk.). Valgustusseadmete hindamine inimesele toimivate electromagnetväljade järgi. [Tallinn] : Eesti Standardikeskus, 2011. II, 41 lk. (Eesti standard ; EVS-EN 62493:2010).

Roasto, I., Jalakas, T., Vinnikov, D. High-voltage IGBT based converters for rolling stock : possibilities and challenges. Saarbrücken : Lambert Academic Publishing, 2011. 192 p.

Rosin, A. Control and operation diagnostics of light rail electric transport : research and development. Saarbrücken : Lambert Academic Publishing, 2011. 60 p.

Rööp, A. (koost.). Elektriagamite ja jõuelektronika instituudi aastaraamat 2010. Tallinn : TTÜ elektriagamite ja jõuelektronika instituut, 2011. 76, [1] lk.

Zakis, J. (ed.). 7th International Conference-workshop Compatibility and Power Electronics : CPE 2011 : Tallinn, Estonia, June 3, 2011 : student forum. Tallinn : Elektriagam, 2011. 99 p.

Tohver, T. Utilization of waste rock from oil shale mining. Tallinn : TUT Press, 2011. 123 p. (Theses of Tallinn University of Technology. D, Thesis on power engineering, electrical engineering, mining engineering ; 48).

Valgma, I. (toim.). Kaevandamine ja vesi. Tallinn : Eesti Mäeselts, TTÜ Mäeinstituut, 2011. 129 lk.

Vinnal, T. Eesti ettevõtete elektritarbimise uurimine ja soovitude väljatöötamine tarbimise optimeerimiseks. Tallinn : TTÜ kirjastus, 2011. 215 lk. (Theses of Tallinn University of Technology. D, Thesis on power engineering, electrical engineering, mining engineering ; 50).

Väli, E. Best available technology for the environmentally friendly mining with surface miner. Tallinn : TUT Press, 2011. 113 p. (Theses of Tallinn University of Technology. D, Thesis on power engineering, electrical engineering, mining engineering ; 47).

Artiklid

Adamowicz, M., Guzinski, J., Vinnikov, D., Strzelecka, N. Trans-Z-source-like inverter with built-in DC current blocking capacitors [Electronic resource] // CPE 2011 : 7th International Conference-Workshop Compatibility and Power Electronics : June 1-3, 2011, Tallinn, Estonia : conference guide. [Tallinn], 2011. p. 137-149 [CD-ROM].

Aigro, M., Jürgenson, V. Karbonaatsete kivimite füüsikalise-mehaanilise näitajaid oleks vaja ühtlustada // Keskkonnatehnika (2011) 3, lk. 38-39.

Andrijanovitsh, A., Steiks, I., Zakis, J., Vinnikov, D. Analysis of state-of-the-art converter topologies for interfacing of hydrogen buffer with renewable energy systems // Scientific journal of Riga Technical University. Serija 4, Power and electrical engineering (2011) 29, p. 87-94.

Andrijanovitš, A., Vinnikov, D. New bidirectional multiport DC/DC converter for interfacing of hydrogen buffer with wind turbines // 10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 10-15, 2011. [Tallinn] : Estonian Society of Moritz Hermann Jacobi, 2011. p. 85-90.

Andrijanovitš, A., Vinnikov, D., Roasto, I., Blinov, A. Three-level half-bridge ZVS DC/DC converter for electrolyzer integration with renewable energy systems // 2011 10th International Conference on Environment and Electrical Engineering (EEEIC), 8-11 May 2011, Rome, Italy : conference proceedings. [S.l.] : IEEE, 2011. [4] p.

Armas, J. Lighting for museums // 10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 10-15, 2011. [Tallinn] : Estonian Society of Moritz Hermann Jacobi, 2011. p. 76-79.

ENERGEETIKATEADUSKOND

Auväär, A., Rosin, A., Belonogova, N., Lebedev, D. NordPoolSpot price pattern analysis for households energy management [Electronic resource] // CPE 2011 : 7th International Conference-Workshop Compatibility and Power Electronics : June 1-3, 2011, Tallinn, Estonia : conference guide. [Tallinn, 2011]. p. 103-106 [CD-ROM].

Auväär, A., Rosin, A., Mütür, M., Lebedev, D. Nord Pool Spot price fluctuation analysis for energy management of household appliances // 10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 10-15, 2011. [Tallinn] : Estonian Society of Moritz Hermann Jacobi, 2011. p. 91-94.

Beldjajev, V., Roasto, I., Vinnikov, D. Analysis of current doubler rectifier based high frequency isolation stage for intelligent transformer [Electronic resource] // CPE 2011 : 7th International Conference-Workshop Compatibility and Power Electronics : June 1-3, 2011, Tallinn, Estonia : conference guide. [Tallinn, 2011]. p. 336-341 [CD-ROM].

Beldjajev, V., Roasto, I. Analysis of new bidirectional DC-DC converter based on current doubler rectifier // 10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 10-15, 2011. [Tallinn] : Estonian Society of Moritz Hermann Jacobi, 2011. p. 234-237.

Beldjajev, V., Roasto, I., Lehtla, T. Intelligent transformer : possibilities and challenges // Scientific journal of Riga Technical University. Serija 4, Power and electrical engineering (2011) 29, p. 95-100.

Bisenieks, L., Vinnikov, D., Galkin, I. New isolated interface converter for grid-connected PMSG based wind turbines // 2011 10th International Conference on Environment and Electrical Engineering (EEEIC), 8-11 May 2011, Rome, Italy : conference proceedings. [S.l.] : IEEE, 2011. p. 869-872.

Bisenieks, L., Vinnikov, D., Galkin, I. New isolated converter for interfacing PMSG based wind turbine with distribution network // 10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 10-15, 2011. [Tallinn] : Estonian Society of Moritz Hermann Jacobi, 2011. p. 100-107.

Bisenieks, L., Vinnikov, D., Galkin, I. New converter for interfacing PMSG based small-scale wind turbine with residential power network [Electronic resource] // CPE 2011 : 7th International Conference-Workshop Compatibility and Power Electronics : June 1-3, 2011, Tallinn, Estonia : conference guide. [Tallinn, 2011]. p. 354-359 [CD-ROM].

Bisenieks, L., Vinnikov, D., Ott, S. Switched inductor quasi-Z-source based back-to-back converter for variable speed wind turbines with PMSG // Elektronika ir elektrotehnika = Electronics and electrical engineering (2011) 8, p. 61-66.

Bisenieks, L., Vinnikov, D., Zakis, J. Analysis of operating modes of the novel isolated interface converter for PMSG based wind turbines // POWERENG2011 :

proceedings of the 2011 International Conference on Power Engineering, Energy and Electrical Drives : Torremolinos (Málaga), Spain, May 11-13, 2011. [S.l.] : IEEE, 2011. [8] p.

Blinov, A., Vinnikov, D. Hybrid IGBT-IGCT switch // 10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 10-15, 2011. [Tallinn] : Estonian Society of Moritz Hermann Jacobi, 2011. p. 161-164.

Blinov, A., Vinnikov, D., Ivakhno, V. Energy-efficient high-voltage switch based on parallel connection of IGBT and IGCT [Electronic resource] // CPE 2011 : 7th International Conference-Workshop Compatibility and Power Electronics : June 1-3, 2011, Tallinn, Estonia : conference guide. Tallinn, [2011]. p. 360-364 [CD-ROM].

Blinov, A., Vinnikov, D., Ivakhno, V. Study of performance improvement methods for 6.5kV IGBT based two-level half-bridge converters // Технічна електродинаміка (2011) 1, p. 56-62.

Blinov, A., Vinnikov, D., Jalakas, T. Loss calculation methods of half-bridge square-wave inverters // Elektronika ir elektrotehnika = Electronics and electrical engineering (2011) 7, p. 9-14.

Blinov, A., Vinnikov, D., Lehtla, T. Cooling methods for high-power electronic systems // Scientific journal of Riga Technical University. Serija 4, Power and electrical engineering (2011) 29, p. 79-86.

Brindfeldt, E., Grinko, A., Müür, M. Some aspects of blended learning for Tallinn University of Technology and Tallinn Center of Industrial Education [Electronic resource] // CPE 2011 : 7th International Conference-Workshop Compatibility and Power Electronics : June 1-3, 2011, Tallinn, Estonia : conference guide. [Tallinn, 2011]. p. 365-370 [CD-ROM].

Brindfeldt, E., Grinko, A., Müür, M. Course of automation in industrial processes based on the blended learning approach // 10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 10-15, 2011. [Tallinn] : Estonian Society of Moritz Hermann Jacobi, 2011. p. 187-192.

Dmitrenko, I. Necessity to use the standard IEC 61850 // 7th International Conference-workshop Compatibility and Power Electronics : CPE 2011 : Tallinn, Estonia, June 3, 2011 : student forum. Tallinn : Elektriajam, 2011. p. 34-37.

Dmitrenko, I. IEC 61850 and measurements // Elektronika ir elektrotehnika = Electronics and electrical engineering (2011) 6, p. 106-110.

Egorov, M. Simulation study of inverter-fed motor drives // 10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 10-15, 2011. [Tallinn] : Estonian Society of Moritz Hermann Jacobi, 2011. p. 165-168.

Egorov, M., Vodovozov, V. Space vector modulation with reduced switching losses for motor drive inverters [Electronic resource] // CPE 2011 : 7th International

ENERGEETIKATEADUSKOND

Conference-Workshop Compatibility and Power Electronics : June 1-3, 2011, Tallinn, Estonia : conference guide. [Tallinn, 2011]. p. 388-393 [CD-ROM].

Gulevitš, J. Sustainable development and methods of quality assessment in the road construction aggregates production // 10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 10-15, 2011. [Tallinn] : Estonian Society of Moritz Hermann Jacobi, 2011. p. 135-138.

Hamburg, A. Analysis of energy development perspectives // Oil shale (2011) Vol. 28, 3, p. 367-371.

Hamburg, A. Energy policy and Estonian opportunities // Baltic horizons (2011) 18, December, p. 33-36.

Hamburg, A., Valdma, M. Energy supply problems and prospects // Oil shale (2011) Vol. 28, 1S, p. 89-100.

Husev, O. Transformerless boost AC/DC converter with the front-end active filter // 7th International Conference-workshop Compatibility and Power Electronics : CPE 2011 : Tallinn, Estonia, June 3, 2011 : student forum. Tallinn : Elektrijam, 2011. p. 77-81.

Husev, O., Bisenieks, L., Vinnikov, D. Front-end active rectifier for grid-connected PMSG based wind turbines // Вісник Чернігівського державного технологічного університету. Серія "Технічні науки" = Journal of Chernigiv State Technological University (2011) 3(51), p. 132-138.

Husev, O., Ivanets, S., Vinnikov, D. Neuro-fuzzy control system for active filter with load adaptation [Electronic resource] // CPE 2011 : 7th International Conference-Workshop Compatibility and Power Electronics : June 1-3, 2011, Tallinn, Estonia : conference guide. [Tallinn, 2011]. p. 28-33 [CD-ROM].

Iskül, R., Sõstra, Ü., Robam, K. Veekõrvaldamine AS Kunda Nordic Tsement karjäärides Pandivere kõrgustiku põhjanõlval // Kaevandamine ja vesi. Tallinn, 2011. lk. 73-83.

Ivakhno, V., Zamaruev, V., Lastovka, A., Blinov, A., Vinnikov, D. About possibility of improvement of energetic characteristics of two-stage DC/DC converter with separated commutation // Технічна електродинаміка (2011) 2, p. 88-92.

Jalakas, T. Kõrgema kasuteguriga alalispingemuundur alternatiivsetele energiaallikatele // Inseneeria (2011) 9, lk. 50-51.

Järvik, J. WiFi-kiirgus paisus hiigelsuureks // Imeline Teadus (2011) 9, lk. 86.

Karu, V. European Union Baltic Sea Region project "MIN-NOVATION" // Oil shale (2011) Vol. 28, 3, p. 464-465.

Karu, V. Kaevandusvee kasutamise potentsiaal soojusenergia allikana // TalveAkaademia 2011 : teaduslikud lühiartiklid 2011. Kogumik 9. Tartu : Tartu Ülikooli Kirjastus, 2011. lk. 69-77.

Karu, V. Kaevandusvesi - ressursid Ida-Virumaa energiasäästliku arengu kaevandamiseks // TEUK XIII : taastuvate energiaallikate uurimine ja kasutamine : kolmeteistkümneenda konverentsi kogumik : [10. november 2011, Tartu]. Tartu : Eesti Maaülikool, 2011. lk. 108-117.

Karu, V. Suletud põlevkivikaevanduste ressursid - kaevandusvesi // Maa ressursid. Tartu : Eesti Looduseuurijate Selts, 2011. lk. 83-92. (Schola geologica ; 7).

Karu, V. Underground water pools as heat source for heat pumps in abandoned oil shale mines in Estonia // 10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 10-15, 2011. [Tallinn] : Estonian Society of Moritz Hermann Jacobi, 2011. p. 130-134.

Karu, V. Vana põlevkivikaevandus on jätkuvalt energiaallikas // Horisont (2011) 1, lk. 42-45.

Karu, V., Valgma, I., Haabu, T., Robam, K., Anepaio, A., Soosalu, H. Mida teha kaevandatud maavaraga // XIX aprillikonverentsi "Eesti mere- ja maapõue uuringutest ning arukast kasutamisest" teesid. Tallinn : Eesti Geoloogiakeskus, 2011. lk. 47-50.

Karu, V., Valgma, I., Robam, K. Kaevandusvee kasutamise potentsiaal sooja tootmiseks // Kaevandamine ja vesi. Tallinn, 2011. lk. 84-94.

Karu, V., Valgma, I., Robam, K. Lõputu soojusenergia // XIX aprillikonverentsi "Eesti mere- ja maapõue uuringutest ning arukast kasutamisest" teesid. Tallinn : Eesti Geoloogiakeskus, 2011. lk. 41-44.

Keel, M., Medvedeva-Tšernobrivaja, V., Shuvalova, J., Tammoja, H., Valdma, M. On efficiency of optimization in power systems // Oil shale (2011) Vol. 28, 1S, p. 253-261.

Key, J., Soosalu, H., White, R.S., Jakobsdóttir, S.S. Lower-crustal seismicity reveals multiple melt injection along the Icelandic spreading rift // European Seismological Commission Annual Workshop : September 17 to 24, 2011, Salina, Italy. [S.l.], 2011. p. INGVCT2011-008.

Key, J., White, R.S., Soosalu, H., Jakobsdóttir, S.S. Correction to "Multiple melt injection along a spreading segment at Askja, Iceland" // Geophysical research letters (2011) Vol. 38, p. L10308.

Key, J., White, R.S., Soosalu, H., Jakobsdóttir, S.S. Multiple melt injection along a spreading segment at Askja, Iceland // Geophysical research letters (2011) Vol. 38, p. L05301.

Key, J., White, R.S., Soosalu, H., Jakobsdóttir, S.S. Multiple positions of lower crustal melt supply along a spreading segment, Askja, Iceland // Volcanic & Magmatic Studies Group : Annual Meeting : Cambridge, U.K., 5-7 January, 2011. [Cambridge], 2011. p. A10.

* Kilter, J., Goloshchapov, A., Mahkovec, B. Estonian WAMS system – implementation and experiences // 3rd International Scientific and Technical

ENERGEETIKATEADUSKOND

Conference – Actual Trends in Development of Power System Protection and Automation : St. Petersburg, 30.05-03.06.2011 : conference proceedings. St. Petersburg : Russian National Committee of CIGRE, 2011.

Kivipõld, T., Niitsoo, J. Overview of information and communication issues for smart grid solutions // 10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 10-15, 2011. [Tallinn] : Estonian Society of Moritz Hermann Jacobi, 2011. p. 108-112.

Kolats, M., Valgma, I. Vesi allmaarajatistes // Kaevandamine ja vesi. Tallinn, 2011. lk. 56-69.

Krapivsky, E., Sabanov, S., Kozachok, M. Abnormal oil rheological properties changing by ultrasound using different power // 10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 10-15, 2011. [Tallinn] : Estonian Society of Moritz Hermann Jacobi, 2011. p. 127-129.

Крумм, Л. Международное сотрудничество по применению и развитию исследований по методам комплексной оптимизации управления, надежности и соответствующей сети координации на межгосударственных и региональных уровнях объединения энергосистем (ОЭС) // Методические вопросы исследования надежности больших систем энергетики. Выпуск 61, Проблемы исследования и обеспечения надежности либерализованных систем энергетики. Иркутск : ИСЭМ СО РАН, 2011. с. 234-242.

Kuhi-Thalfeldt, R., Valtin, J. The potential and optimal operation of distributed power generation in Estonia // Oil shale (2011) Vol. 28, 1S, p. 240-252.

Kukk, R., Karu, V. Põlvamaa maavarade varu, jätkusuutlikkus ja kaevandamis-tehnoloogia võimalused // Maa ressursid. Tartu : Eesti Looduseuurijate Selts, 2011. lk. 93-98. (Schola geologica ; 7).

Kõivastik, I. Integration of electric vehicles with microgrid // 7th International Conference-workshop Compatibility and Power Electronics : CPE 2011 : Tallinn, Estonia, June 3, 2011 : student forum. Tallinn : Elektriajam, 2011. p. 44-47.

Kütt, L., Järvik, J. Magnetic field sensor coil in fast transient measurement application // 10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 10-15, 2011. [Tallinn] : Estonian Society of Moritz Hermann Jacobi, 2011. p. 117-121.

Kütt, L., Shafiq, M. Magnetic sensor coil shape geometry and bandwidth assessment // 7th International Conference-workshop Compatibility and Power Electronics : CPE 2011 : Tallinn, Estonia, June 3, 2011 : student forum. Tallinn : Elektriajam, 2011. p. 58-61.

Lahtmets, R. Akadeemik Aleksander Voldek : 02.04.1911-27.01.1977 // Akadeemik Aleksander Voldek 100. Tallinn : [TTÜ kirjastus], 2011. lk. 11-13. (Tallinna Tehnikaülikooli Raamatukogu töid. B ; 11).

Lehtla, M., Müür, M., Kõivastik, I., Müül, K. Application of databases for compatibility of electrical installation design [Electronic resource] // CPE 2011 : 7th International Conference-Workshop Compatibility and Power Electronics : June 1-3, 2011, Tallinn, Estonia : conference guide. [Tallinn, 2011]. p. 299-302 [CD-ROM].

Lehtla, T. Juhan Laugis : 07.03.1938-01.11.2010 : [in memoriam] // Tallinna Tehnikaülikooli aastaraamat 2010. [Tallinn] : TTÜ kirjastus, c2011. lk. 335-337.

Lehtla, T. Raivo Teemets 65 // Elektriala (2011) 8, lk. 32.

Leiaru, M., Kukk, R., Karu, V. Eestimaa ressursid – Schola geologica VII meened esinejatele // Maa ressursid. Tartu : Eesti Looduseuurijate Selts, 2011. lk. 117-121. (Schola geologica ; 7).

Medvedeva-Tšernobrivaja, V., Attikas, R., Tammoja, H. Characteristic numbers of primary control in the isolated Estonian power system // Oil shale (2011) Vol. 28, 1S, p. 214-222.

Milaševski, I., Armas, J., Teemets, R. A concept of using LED lamps in conjunction with traditional light sources // 10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 10-15, 2011. [Tallinn] : Estonian Society of Moritz Hermann Jacobi, 2011. p. 238-241.

Milaševski, I., Teteryonok, O., Galkin, I. A concept of laboratory testbench for investigation of LED dimmers // Технічна електродинаміка (2011) 2, p. 136-141.

Milaševski, I., Tetervenok, O., Galkin, I. Assessment of energy efficient LED ballasts based on their weight and size // Scientific journal of Riga Technical University. Serija 4, Power and electrical engineering (2011) 29, p. 105-112.

Milaševski, I. Design of laboratory equipment for investigation of regulators for LED luminary // 7th International Conference-workshop Compatibility and Power Electronics : CPE 2011 : Tallinn, Estonia, June 3, 2011 : student forum. Tallinn : Elektriala, 2011. p. 38-43.

Mölder, H., Järvik, J., Janson, K., Gordon, R., Vaimann, T. A method for mixing molten metal and a compatible electric arc furnace // Estonian journal of engineering (2011) Vol. 17, 3, p. 220-240.

Niilo, H., Vaimann, T. Problems in the operation of parallel-series converter when using two switch forward inverter // 7th International Conference-workshop Compatibility and Power Electronics : CPE 2011 : Tallinn, Estonia, June 3, 2011 : student forum. Tallinn : Elektriala, 2011. p. 28-33.

Niilo, H., Vaimann, T. 2 switch forward inverter for parallel-series resonance alternating (PSA) converter for supplying electric welding arc // 10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering".

ENERGEETIKATEADUSKOND

Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 10-15, 2011. [Tallinn] : Estonian Society of Moritz Hermann Jacobi, 2011. p. 140-144.

Niitsoo, J. An overview of the impacts of compact fluorescent lamps implementation // 10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 10-15, 2011. [Tallinn] : Estonian Society of Moritz Hermann Jacobi, 2011. p. 242-245.

Niitsoo, J. Kompaktluminofoorlampide kasutuselevõtu mõju elektrivõrgule // TalveAkadeemia 2011 : teaduslikud lühiartiklid 2011. Kogumik 9. Tartu : Tartu Ülikooli Kirjastus, 2011. lk. 40-47.

Niitsoo, J. Säätulamp toob kaasa uued probleemid // Inseneria (2011) 9, lk. 24-26.

Niitsoo, J., Palu, I. Distorted load impacts on distribution grid [Electronic resource] // Proceedings of the 12th International Scientific Conference Electric Power Engineering 2011, Kouty nad Desnou, Czech Republic, May 17-19, 2011. [S.l.] : IEEE, 2011. p. 37-40 [CD-ROM].

Notton, A. Maa-ala korrastamisega seotud küsimused // Kaevandamine ja vesi. Tallinn, 2011. lk. 125-126.

Orru, M. Puhatu turbamaardla idaosas asuva Tormi maauksuse (22901:007:0391) turbavarude iseloomustus, seletuskiri (1 kd, 13 lk) // Eesti Geoloogiakeskuse aastaraamat 2010. Tallinn : Eesti Geoloogiakeskus, 2011. lk. 40.

Orru, M., Liibert, S., Kärber, S. Leinasoo lõunaosa uuringuruumi geoloogiline uuring (varu seisuga 01.07.2010) (1 kd, 51 lk) // Eesti Geoloogiakeskuse aastaraamat 2010. Tallinn : Eesti Geoloogiakeskus, 2011. lk. 41.

Orru, M., Lode, E., Paal, J., Niitlaan, E. Eesti soode pindala ja turbavaru // Jääksood, nende kasutamine ja korrastamine. Tartu : Eesti Turbaliit, 2011. lk. 23-26.

Orru, M., Mikkelsaar, K. Kuivenduse mõju ulatus turba kaevandamisel looduslikele sooladele // Kaevandamine ja vesi. Tallinn, 2011. lk. 16-40.

Orru, M., Paal, J., Niitlaan, E. Turba kaevandamine // Jääksood, nende kasutamine ja korrastamine. Tartu : Eesti Turbaliit, 2011. lk. 27-33.

Orru, M., Ramst, R. Laukasoo turbamaardla Raudsaare turbatootmisala rajamise keskkonnamõju hindamise aruanne (1 kd, 244 lk) // Eesti Geoloogiakeskuse aastaraamat 2010. Tallinn : Eesti Geoloogiakeskus, 2011. lk. 42-43.

Orru, M., Übner, M., Orru, H. Chemical properties of peat in three peatlands with balneological potential in Estonia // Estonian journal of earth sciences (2011) Vol. 60, 1, p. 43-49.

Otsmaa, M., Karu, V. Posttehnoloogilised protsessid altkaevandatud alal // XIX aprillikonverentsi "Eesti mere- ja maapõue uuringutest ning arukast kasutamisest" teesid. Tallinn : Eesti Geoloogiakeskus, 2011. lk. 44-47.

Ott, S., Roasto, I., Vinnikov, D. Neutral point clamped quasi-impedance-source inverter [Electronic resource] // CPE 2011 : 7th International Conference-Workshop Compatibility and Power Electronics : June 1-3, 2011, Tallinn, Estonia : conference guide. [Tallinn, 2011]. p. 348-353 [CD-ROM].

Ott, S., Roasto, I., Vinnikov, D. Comparison of pulse width modulation methods for a quasi impedance source inverter // 10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology II. [Tallinn] : Estonian Society of Moritz Hermann Jacobi, 2011. p. 25-29.

Ott, S., Roasto, I., Vinnikov, D., Lehtla, T. Analytical and experimental investigation of neutral point clamped quasi-impedance-source inverter // Scientific journal of Riga Technical University. Serija 4, Power and electrical engineering (2011) 29, p. 113-118.

Palamar, A., Karpinsky, M. Control of an uninterruptible power supply in a DC microgrid system // 10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 10-15, 2011. [Tallinn] : Estonian Society of Moritz Hermann Jacobi, 2011. p. 80-84.

Palamar, A., Karpinsky, M., Vodovozov, V. Design and implementation of a digital control and monitoring system for an AC/DC UPS [Electronic resource] // CPE 2011 : 7th International Conference-Workshop Compatibility and Power Electronics : June 1-3, 2011, Tallinn, Estonia : conference guide. [Tallinn, 2011]. p. 173-177 [CD-ROM].

* Pastarus, J.-R., Lohk, M. Waste management in Estonian oil shale industry // SDIMI 2011 : Sustainable Development in the Minerals Industry : Institute of Mining Engineering I, RWTH Aachen University, 14-17 June 2011. Essen : VGE Verlag, 2011. p. 213-218. (AIMS Band 10).

Pastarus, J.-R., Valgma, I., Robam, K. Täitmise tehnoloogia ja kaevandusvesi // Kaevandamine ja vesi. Tallinn, 2011. lk. 70-72.

Pastarus, J.-R., Valgma, I., Väizene, V., Pototski, A. Kaevandamise täitmisuuringud // XIX aprillikonverentsi "Eesti mere- ja maapõue uuringutest ning arukast kasutamisest" teesid. Tallinn : Eesti Geoloogiakeskus, 2011. lk. 38-41.

Peterson, K. Microgrid for TUT Power Engineering Building // 7th International Conference-workshop Compatibility and Power Electronics : CPE 2011 : Tallinn, Estonia, June 3, 2011 : student forum. Tallinn : Elektriajam, 2011. p. 54-57.

Pirrus, E. Graniidikillustik Eesti maapõuest – soovunelm või võimalus? // Keskkonnatehnika (2011) 2, lk. 6-8.

Pirrus, E. Vesi paelasundis // Kaevandamine ja vesi. Tallinn, 2011. lk. 7-8.

* Pototski, A., Pastarus, J.-R. The secondary usage of the burnt oil-shale ashes of Narva Power Plants // Program and abstracts volume of the Twentieth International Symposium MPES 2011. Almaty, 2011. p. 181.

ENERGEETIKATEADUSKOND

Потоцкий, А., Пастарус, Ю.-Р. Вторичное использование сланцевой золы // Проблемы недропользования / Санкт-Петербургский Государственный горный институт (2011) 191, 2, с. 180-182.

Raap, M., Raesaar, P., Tiigimägi, E. Reactive power pricing in distribution networks // Oil shale (2011) Vol. 28, 1S, p. 223-239.

Raesaar, P. Eeli Tiigimägi 80 // Oil shale (2011) Vol. 28, 1S, p. 267-268.

Rassõlkin, A. Possible solutions of using multi-engine power systems for switching locomotives // 7th International Conference-workshop Compatibility and Power Electronics : CPE 2011 : Tallinn, Estonia, June 3, 2011 : student forum. Tallinn : Elekriajam, 2011. p. 7-10.

Rassõlkin, A., Hõimoja, H. Calculation of the traction effort of switching locomotive // 11th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 16-21, 2012. Tallinn : Elekriajam, 2011. p. 61-65.

Rassõlkin, A., Hõimoja, H., Pettai, E., Tšurkina, N. Review of the Estonian Railroad rolling stock and solutions for locomotive modernization // 10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 10-15, 2011. [Tallinn] : Estonian Society of Moritz Hermann Jacobi, 2011. p. 57-61.

Rassõlkin, A., Hõimoja, H., Teemets, R. Energy saving possibilities in the industrial robot IRB 1600 control [Electronic resource] // CPE 2011 : 7th International Conference-Workshop Compatibility and Power Electronics : June 1-3, 2011, Tallinn, Estonia : conference guide. [Tallinn, 2011]. p. 226-229 [CD-ROM].

Raud, Z. Management of learning content in power electronics // 10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 10-15, 2011. [Tallinn] : Estonian Society of Moritz Hermann Jacobi, 2011. p. 145-150.

Raud, Z., Vodovozov, V. Curricula scheduling with educational thesaurus // The 2011 World Congress on Computer Science and Information Technology WCSIT'11, 24-27 January 2011, Cairo, Egypt. [S.l.], 2011. [7] p.

Raud, Z., Vodovozov, V. Educational thesaurus of power electronics // EUROCON 2011 : International Conference on Computer as a Tool : April 27-29, Lisbon, Portugal. [S.l.] : IEEE, 2011. [4] p.

Raud, Z., Vodovozov, V. Staff training for servicing special power electronic applications [Electronic resource] // CPE 2011 : 7th International Conference-Workshop Compatibility and Power Electronics : June 1-3, 2011, Tallinn, Estonia : conference guide. [Tallinn, 2011]. p. 319-324 [CD-ROM].

Reinsalu, E. Energeetika : meie põlevkivi // Horisont (2011) 1, lk. 36-41.

Reinsalu, E. Kui kaugel karjäärist võivad kaevud kuivada? // Keskkonnatehnika (2011) 3, lk. 21-23.

Reinsalu, E. Maapõuetühjuse arukas kasutamine // XIX aprillikonverentsi "Eesti mere- ja maapõue uuringutest ning arukast kasutamisest" teesid. Tallinn : Eesti Geoloogiakeskus, 2011. lk. 7-9.

Reinsalu, E. Põlevkivivesi // Kaevandamine ja vesi. Tallinn, 2011. lk. 9-12.

Risthein, E. LED, leed või leet? // Elektriala (2011) 5, lk. 12.

Risthein, E. Magnetohüdrodünaamilistest induktsoonmasinastest // Akadeemik Aleksander Voldek 100. Tallinn : [TTÜ kirjastus], 2011. lk. 33-39. (Tallinna Tehnikäilikooli Raamatukogu töid. B ; 11).

Risthein, E. Protsendist ja muust // Keel ja Kirjandus (2011) 1, lk. 57-58.

Risthein, E. Sisevalgustusstandard uuenes // Elektriala (2011) 8, lk. 36.

Risthein, E. Tähtpäevi // Elektriala (2011) 1, lk. 30-31 ; 2, lk. 29-31 ; 3, lk. 31-32 ; 4, lk. 29-31 ; 5, lk. 34-35 ; 6, lk. 33-35 ; 7, lk. 29-30 ; 8, lk. 33-35.

Risthein, E. Uudiseid Eestist // Elektriala (2011) 1, lk. 28 ; 2, lk. 28 ; 3, lk. 30 ; 4, lk. 28 ; 5, lk. 32 ; 6, lk. 32 ; 7, lk. 28 ; 8, lk. 32.

Risthein, E. Uudiseid maailmast // Elektriala (2011) 1, lk. 28-30 ; 2, lk. 28-29 ; 3, lk. 30 ; 4, lk. 28-29 ; 5, lk. 32-34 ; 6, lk. 32-33 ; 7, lk. 28-29 ; 8, lk. 32-33.

Roasto, I., Vinnikov, D., Jalakas, T., Strzelecki, R. Digital current mode control algorithms for high-power half-bridge DC/DC converters // Przegląd elektro-techniczny (2011) Vol. 86, 8, p. 180-186.

Robam, K., Valgma, I. Veekõrvaldamine ja veekõrvaldamisega seotud uuringud // Kaevandamine ja vesi. Tallinn, 2011. lk. 13-15.

Robam, K., Valgma, I., Iskül, R. Influence of water discharging on water balance and quality in the Toolse river in Ubja oil shale mining region // Oil shale (2011) Vol. 28, 3, p. 447-463.

Sabanov, S., Pastarus, J.-R., Šommet, J. Sustainability assessment methods in oil shale mine closure // Environment. Technology. Resources : proceedings of the 8th International Scientific and Practical Conference. Volume 1. Rēzekne : Rēzeknes Augstskola Izdevniecība, 2011. p. 271-275.

Sokman, K. Veekõrvaldamise keskkonnaprobleemid Eesti põlevkivi kaevandustes ja karjäärides // Kaevandamine ja vesi. Tallinn, 2011. lk. 122-124.

Soosalu, H. Seismiline seire. Aruanne riikliku keskkonnaseire allprogrammi "Seismiline seire" täitmisest 2009. aastal" (1 kd, 50 lk) // Eesti Geoloogiakeskuse aastaraamat 2010. Tallinn : Eesti Geoloogiakeskus, 2011. lk. 109-112.

Soosalu, H. Tulerõngas Vaikses ookeanis – maakoore uuskasutussüsteem // Looduse sõber (2011) 2, lk. 10-11.

Soosalu, H. Veeseismika – ookeanide siseehituse tuvastamine seismoloogia abil // Kaevandamine ja vesi. Tallinn, 2011. lk. 107-111.

ENERGEETIKATEADUSKOND

Soosalu, H. Vulkaani makett kohvi kõrvale – maitsev ja hariv // Maa ressursid. Tartu : Eesti Looduseuurijate Selts, 2011. lk. 56-58. (Schola geologica ; 7).

Soosalu, H.E. Väriinate, vulkaanide Jaapan // Horisont (2011) 3, lk. 26-28.

Soosalu, H. Välitöö väljakutsed Islandil // Maa ressursid. Tartu : Eesti Looduseuurijate Selts, 2011. lk. 59-62. (Schola geologica ; 7).

Soosalu, H., Key, J., White, R.S. Laatikollisest varaseismometrejä rift-alueen alakuoren sünnyn jäljille // Geologi (2011) Vol. 63, 2, s. 36-43.

Soosalu, H., Kiipli, T. Paepõnnid vulkaaninäitusel // Loodusesõber (2011) 1, lk. 60-61.

Soots, G., Hõimoja, H., Pettai, E. Perspective solutions of SmartGrid and Vehicle-to-grid connectivity problems // 10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 10-15, 2011. [Tallinn] : Estonian Society of Moritz Hermann Jacobi, 2011. p. 113-116.

Sõstra, Ü. Eesti keele probleeme ülikoolide trükistes // Eesti teaduskeel ja terminikorrastus. Tallinn : TLÜ eesti keele ja kultuuri instituut, 2011. lk. 115-135. (Tallinna Ülikooli eesti keele ja kultuuri instituudi toimetised ; 13).

Sõstra, Ü. Ilutulestiku reostus ja selle oht tervisele // Inimõju Tallinna keskkonnale. VI : konverentsi artiklid (8. detsember 2011). Tallinn : [Tallinna Botaanikaead], 2011. p. 100-104.

Sõstra, Ü. Tallinna ümbruse mandriosa ja rannikumere tektoonika ning selle mõju kaevanduste ja suurehitiste rajamisele // XIX aprillikonverentsi "Eesti mere- ja maapõue uuringutest ning arukast kasutamisest" teesid. Tallinn : Eesti Geoloogiakeskus, 2011. lk. 27-30.

Šommet, J., Pastarus, J.-R., Sabanov, S. Hydraulic conductivity testing method for all-in aggregates and mining waste materials // 10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 10-15, 2011. [Tallinn] : Estonian Society of Moritz Hermann Jacobi, 2011. p. 122-126.

Шоммет, Ю., Пастарус, Ю.-Р. Характер разрушения закладочных массивов // Проблемы недропользования / Санкт-Петербургский Государственный горный институт (2011) 191, 1, с. 189-190.

Šommet, J., Pastarus, J.-R. Veesisalduse mõju killustiku filtratsiooni parameetritele // Kaevandamine ja vesi. Tallinn, 2011. lk. 98-100.

Štokalenko, M., Orru, M. Eesti soosetete leviku seosed tektooniliste riketega // XIX aprillikonverentsi "Eesti mere- ja maapõue uuringutest ning arukast kasutamisest" teesid. Tallinn : Eesti Geoloogiakeskus, 2011. lk. 25-27.

Zakis, J. Address from the General Chairman // 7th International Conference-workshop Compatibility and Power Electronics : CPE 2011 : Tallinn, Estonia, June 3, 2011 : student forum. Tallinn : Elektriajam, 2011. p. 3.

Zakis, J., Rankis, I., Vinnikov, D. Analysis of operating modes of the step-up DC/DC converter with a commutating LC-filter // *Технічна електродинаміка* (2011) 1, p. 87-92.

Zakis, J., Vinnikov, D. Design and implementation issues of integrated magnetics for quasi-Z-source inverters // *ISEF 2011 - XV International Symposium on Electromagnetic Fields in Mechatronics, Electrical and Electronic Engineering* : Funchal, Madeira, September 1-3, 2011. [S.l.], 2011. [8] p.

Zakis, J., Vinnikov, D. Study of simple MPPT converter topologies for grid integration of photovoltaic systems // *Scientific journal of Riga Technical University. Serija 4, Power and electrical engineering* (2011) 29, p. 67-72.

Zakis, J., Vinnikov, D., Bisenieks, L. Some design considerations for coupled inductors for integrated buck-boost converters // *POWERENG2011 : proceedings of the 2011 International Conference on Power Engineering, Energy and Electrical Drives : Torremolinos (Málaga), Spain, May 11-13, 2011.* [S.l.] : IEEE, 2011. [6] p.

Zakis, J., Vinnikov, D., Roasto, I., Ribickis, L. Quasi-Z-source inverter based bi-directional DC/DC converter : analysis of experimental results [Electronic resource] // *CPE 2011 : 7th International Conference-Workshop Compatibility and Power Electronics* : June 1-3, 2011, Tallinn, Estonia : conference guide. [Tallinn, 2011]. p. 394-399 [CD-ROM].

Zakis, J., Vinnikov, D., Roasto, I., Ribickis, L. Experimental verification of novel bi-directional qZSI based DC/DC converter for short term energy storage systems [Electronic resource] // *International Conference on Renewable Energies and Power Quality (ICREPQ'11)* : Las Palmas de Gran Canaria (Spain), 13th to 15th April 2011. [Las Palmas], 2011. [5] p. [CD-ROM].

Teemets, R. Kes- ja Ida-Euroopa partnerülikoolidevaheline koostöövõrgustik CUCÉE - võimalused välisõppeks ning ühistööks // *Elektriala* (2011) 5, lk. 10-11.

Teemets, R. Väljasõit Pärnu ja teabepäev Elekter Richmanist tänapäevani Uue Kunsti Muuseumis // *Elektriala* (2011) 7, lk. 12-15.

Timofejev, A. Bentoniidi ehk montmorilloniidi kasutusala // *Maa ressursid. Tartu : Eesti Looduseuurijate Selts*, 2011. lk. 26-31. (Schola geologica ; 7).

Timofejev, A. Tuntud ja tundmatu tehnoloogiline materjal - betoniit // *Inseneeria* (2011) 10, lk. 42-43.

Tohver, T. Põlevkivi kaevandamis- ja rikastamisjätkide kasutamine // *Inseneeria* (2011) 6, lk. 48-49.

Vaimann, T., Kallaste, A. Detection of broken rotor bars in three-phase squirrel-cage induction motor using fast Fourier transform // *10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology II* : Pärnu, Estonia, January 10-15, 2011. [Tallinn] : Estonian Society of Moritz Hermann Jacobi, 2011. p. 52-56.

ENERGEETIKATEADUSKOND

Vaimann, T., Kallaste, A., Kilk, A. Sensorless detection of induction motor faults using the clarke vector approach // Scientific journal of Riga Technical University. Serija 4, Power and electrical engineering (2011) 29, p. 43-48.

Vaimann, T., Kallaste, A., Kilk, A. Overview of sensorless diagnostic possibilities of induction motors with broken rotor bars [Electronic resource] // Proceedings of the 12th International Scientific Conference Electric Power Engineering 2011, Kouty nad Desnou, Czech Republic, May 17-19, 2011. [S.l.] : IEEE, 2011. [4] p. [CD-ROM].

Vaimann, T., Kallaste, A., Kilk, A. Using analysis of stator current for squirrel-cage induction motor rotor faults diagnostics // Electrical and Control Technologies : Proceedings of the 6th International Conference on Electrical and Control Technologies (ECT-2011), May 5-6, 2011, Kaunas, Lithuania. Kaunas : Technologija, 2011. p. 245-250.

Vaimann, T., Kilk, A. Diagnostika säästab elektrimasinate tervist // Keskkonnatehnika (2011) 5, lk. 31-32.

Vaimann, T., Kilk, A. Elektrimasinate diagnostika - lihtne viis suureks kokkuhoiuks // Elektriala (2011) 5, lk. 26-27.

Vaimann, T., Kilk, A. Elektrimasinate diagnostika kui moodus nende eluea pikendamiseks // Inseneeria (2011) 7, lk. 38, 40.

* Vaimann, T., Niitsoo, J., Kivipõld, T. Dispersed generation accommodation into smart grid // The 52nd Annual International Scientific Conference of Riga Technical University : abstract book and electronic proceedings : Latvia, Riga, 12.-14. October, 2011. Riga : Riga Technical University, 2011. p. ID-42.

Valdma, M. Energeetika : energiasüsteemid - elektrijaamad ja tarbijad juhtmeid pidi üksteise küljes // Horisont (2011) 5, lk. 42-47.

Valgma, I. Kildagaasi ehk uue nafta lätetel // Inseneeria (2011) 10, lk. 24-26.

* Valgma, I., Vesiloo, P. Underwater blasting experiments in Estonia // International Conference on Explosive Education and Certification of Skills : Riga, 12-13 April 2011. Riga : Latvia University, 2011. p. 37-39.

Wang, J., Schweitzer, J., Tilmann, F., White, R.S., Soosalu, H. Application of the multichannel Wiener filter to regional event detection using NORSAR seismic-array data // Bulletin of the Seismological Society of America (2011) Vol. 101, p. 2887-2896.

Vesiloo, P. See depressioonilehter // Kaevandamine ja vesi. Tallinn, 2011. lk. 95-97.

Vesiloo, P., Anepaio, A. Uus killustikutoorme kaevandamise tehnoloogia // Inseneeria (2011) 2, lk. 12-14.

Vesiloo, P., Anepaio, A., Väizene, V. Dolokivi vee seest kaevandamise kogemus // Kaevandamine ja vesi. Tallinn, 2011. lk. 101-106.

Vesiloo, P., Valgma, I. Dolokivi vee seest kaevandamine ja lõhkamine // XIX aprilli-konverentsi "Eesti mere- ja maapõue uuringutest ning arukast kasutamisest" teesid. Tallinn : Eesti Geoloogiakeskus, 2011. lk. 35-38.

White, R.S., Drew, J., Martens, H.R., Key, J., Soosalu, H., Jakobsdóttir, S.S. Dynamics of dyke intrusion in the mid-crust of Iceland // Earth and planetary science letters (2011) Vol. 304, p. 300-312.

White, R.S., Drew, J., Martens, H.R., Key, J., Soosalu, H., Jakobsdóttir, S.S. Dynamics of lower crustal intrusion at volcanic rifts // Volcanic & Magmatic Studies Group : Annual Meeting : Cambridge, U.K., 5-7 January, 2011. [Cambridge], 2011. p. A4.

Viil, A. Põlevkivikarjääride (kaevandatud alade) rekultiveerimine // Kaevandamine ja vesi. Tallinn, 2011. lk. 112-121.

Vinnal, T., Kalda, H., Mõlder, H. Measurements and analyses of supply voltage magnitude and voltage variations in Estonian industrial companies // 10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering. Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 10-15, 2011. [Tallinn] : Estonian Society of Moritz Hermann Jacobi, 2011. p. 46-51.

Vinnikov, D., Andrijanovitš, A., Roasto, I., Jalakas, T. Experimental study of new integrated DC/DC converter for hydrogen-based energy storage // 2011 10th International Conference on Environment and Electrical Engineering (EEEIC), 8-11 May 2011, Rome, Italy : conference proceedings. [S.l.] : IEEE, 2011. [4] p.

Vinnikov, D., Andrijanovitš, A., Roasto, I., Lehtla, T. New integrated converter for hydrogen buffer interfacing in distributed energy systems [Electronic resource] // International Conference on Renewable Energies and Power Quality (ICREPQ'11) : Las Palmas de Gran Canaria (Spain), 13th to 15th April 2011. [Las Palmas], 2011. [6] p. [CD-ROM].

Vinnikov, D., Husev, O., Andrijanovitš, A., Roasto, I. New high-gain step-up DC/DC converter for a fuel cell interfacing in hydrogen buffer // Технічна електродинаміка (2011) 1, p. 93-100.

Vinnikov, D., Husev, O., Roasto, I. Lossless dynamic models of the quasi-Z-source converter family // Scientific journal of Riga Technical University. Serija 4, Power and electrical engineering (2011) 29, p. 73-78.

Vinnikov, D., Laugis, J. An improved high-voltage IGBT-based half-bridge DC/DC converter for railway applications // COMPEL : The international journal for computation and mathematics in electrical and electronic engineering (2011) Vol. 30, 1, p. 280-299.

Vinnikov, D., Roasto, I. Impact of component losses on the voltage boost properties and efficiency of the qZS-converter family [Electronic resource] // CPE 2011 : 7th International Conference-Workshop Compatibility and Power Electronics : June 1-3, 2011, Tallinn, Estonia : conference guide. [Tallinn, 2011]. p. 303-308 [CD-ROM].

ENERGEETIKATEADUSKOND

Vinnikov, D., Roasto, I. Quasi-Z-source-based isolated DC/DC converters for distributed power generation // IEEE transactions on industrial electronics (2011) Vol. 58, 1, p. 192-201.

Vinnikov, D., Roasto, I., Jalakas, T., Ott, S. Extended boost quasi-Z-source inverters : possibilities and challenges // Elektronika ir elektrotehnika = Electronics and electrical engineering (2011) 6, p. 51-56.

Vinnikov, D., Roasto, I., Strzelecki, R., Adamowicz, M. CCM and DCM operation analysis of cascaded quasi-z-source inverter // Proceedings of IEEE International Symposium on Industrial Electronics : ISIE'2011 : 27-30 June 2011, Gdansk, Poland. [S.l.] : IEEE, 2011. p. 159-164.

Vinnikov, D., Roasto, I., Zakis, J., Ott, S., Jalakas, T. Analysis of switching conditions of IGBTs in modified sine wave qZSIs operated with different shoot-through control methods // Elektronika ir elektrotehnika = Electronics and electrical engineering (2011) 5, p. 45-50.

Vodovozov, V., Egorov, M. Discontinuous space vector modulation technique for motor supply // EUROCON 2011 : International Conference on Computer as a Tool : April 27-29, Lisbon, Portugal. [S.l.] : IEEE, 2011. [4] p.

Vodovozov, V., Egorov, M., Raud, Z., Lehtla, T. Inverters with reduced switching losses for industrial applications // Proceedings : INDIN 2011 : 2011 9th IEEE International Conference on Industrial Informatics : Lisbon, Portugal, 26-29 July, 2011. [S.l.] : IEEE, 2011. p. 274-279.

Vodovozov, V., Lehtla, T. Ways to reduce switching losses in motor drive inverters // 10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 10-15, 2011. [Tallinn] : Estonian Society of Moritz Hermann Jacobi, 2011. p. 3-9.

Vodovozov, V., Raud, Z. WEB-based learning content management system of power electronics // EUROMEDIA'2011 : featuring : Sixteenth Annual Scientific Conference on Web Technology, New Media Communications and Telematics Theory Methods, Tools and Applications : April 18-20, 2011, London, United Kingdom. [London] : EUROSIS-ETI, 2011. p. 21-23.

Väli, E. Analysis of oil shale high-selective mining with surface miner in Estonia // Oil shale (2011) Vol. 28, 1, p. 49-57.

INFOTEHNOLOOGIA TEADUSKOND

Raamatud

Gavšin, J. Intrinsic robot safety through reversibility of actions. Tallinn : TUT Press, 2011. 116 p. (Theses of Tallinn University of Technology. C, Thesis on informatics and system engineering ; 68).

Geers, K. Strategic cyber security. Tallinn : NATO Cooperative Cyber Defence Centre of Excellence, c2011. 168 p.

Geers, K. Strategic cyber security : evaluating nation-state cyber attack mitigation strategies with DEMATEL. Tallinn : TUT Press, 2011. 184 p. (Theses of Tallinn University of Technology. C, Thesis on informatics and system engineering ; 64).

Gordon, R. Virtual heart : modelling of cardiac dynamics and intracardiac bioimpedance. Saarbrücken : Lambert Academic Publishing, 2011. 128 p.

Henno, J. Game programming coursebook. [Tallinn] : TUT Press, 2011. 149 p.

Henno, J., Kiyoki, Y., Tokuda, T., Yoshida, N. (eds.). Proceedings of the 21th [i. e. 21st] European-Japanese Conference on Information Modelling and Knowledge Bases : EJC2011 : Tallinn, Estonia, June 06-10, 2011. Vol. 1. [Tallinn] : Tallinn University of Technology Press, [2011]. 258 p.

Henno, J., Kiyoki, Y., Tokuda, T., Yoshida, N. (eds.). Proceedings of the 21th [i. e. 21st] European-Japanese Conference on Information Modelling and Knowledge Bases : EJC2011 : Tallinn, Estonia, June 06-10, 2011. Vol. 2. [Tallinn] : Tallinn University of Technology Press, [2011]. 176 p.

Jaanus, M. The interactive learning environment for mobile laboratories. Tallinn : TTÜ kirjastus, 2011. 115 p. (Theses of Tallinn University of Technology. C, Thesis on informatics and system engineering ; 62).

Jenihhin, M. (ed.). CREDES Summer School : Dependable Systems Design : handouts. Tallinn : Tallinna Tehnikaülikool, 2011. 118 p.

Jürgenson, R. TTÜ uue iseseisvusaja muutustes : teekond reformikeerisest tänapäevase tehnikaülikoolini. [Tallinn] : TTÜ kirjastus, 2011. 452 lk., 12 lk. fotod.

Kasemaa, A. Analog front end components for bio-impedance measurement : current source design and implementation. Tallinn : TUT Press, 2011. 110 p. (Theses of Tallinn University of Technology. C, Thesis on informatics and system engineering ; 63).

Kruus, H. Optimization of built-in self-test in digital systems. Tallinn : TUT Press, 2011. 161 p. (Theses of Tallinn University of Technology. C, Thesis on informatics and system engineering ; 66).

Luczkowski, T. (koost.). Lennundusaasta 2010. Tallinn : Aeropress, 2011. 32 p.

Mihhailov, D. Hardware implementation of recursive sorting algorithms using tree-like structures and HFSM models. Tallinn : TUT Press, 2011. 114 p. (Theses of Tallinn University of Technology. C, Thesis on informatics and system engineering ; 69).

Min, M. (ed.). Cardiac pacemakers : biological aspects, clinical applications and possible complications. [S.l.] : INTECH, 2011. 194 p.

Mõtus, L., Varlamova, G. (koost.). Eesti Teaduste Akadeemia aastaraamat 2010. Tallinn : Eesti Teaduste Akadeemia, 2011. 230, [1] lk. (Eesti Teaduste Akadeemia aastaraamat ; XVI (43)).

Mõtus, L., Varlamova, G., Rebo, Ü. (comps.) Estonian Academy of Sciences year book 2010. Tallinn : Eesti Teaduste Akadeemia, 2011. 189, [1] p. (Estonian Academy of Sciences year book ; XVI (43)).

Ottis, R. A systematic approach to offensive volunteer cyber militia. Tallinn : TUT Press, 2011. 118 p. (Theses of Tallinn University of Technology. C, Thesis on informatics and system engineering ; 60).

Piho, G. Archetypes based techniques for development of domains, requirements and software : towards LIMS software factory. Tallinn : TUT Press, 2011. 170 p. (Theses of Tallinn University of Technology. C, Thesis on informatics and system engineering ; 67).

Sleptšuk, N. Investigation of the intermediate layer in the metal-silicon carbide contact obtained by diffusion welding. Tallinn : TTÜ kirjastus, 2011. 116 p. (Theses of Tallinn University of Technology. C, Thesis on informatics and system engineering ; 61).

Ubar, R. Teadusemees. Mälestused. Tallinn : TTÜ kirjastus, 2011. 479, [2] lk.

Ubar, R., Raik, J., Vierhaus, H.T. (ed.). Design and test technology for dependable systems-on-chip. Hershey : Information Science Reference, 2011. 550 p.

Velmre, E. (tlk.). Nanotehnoloogiad : sõnastik. Osa 1, Tuumik-sõnavara. [Tallinn] : Eesti Standardikeskus, 2011. VII, 5 lk. (Tehniline spetsifikatsioon ; ISO/TS 80004-1:2010).

Velmre, E. (tlk.). Nanotehnoloogiad : sõnastik. Osa 3, Süsinik-nanoobjektid. [Tallinn] : Eesti Standardikeskus, 2011. VI, 10 lk. (Tehniline spetsifikatsioon ; ISO/TS 80004-3:2010).

Vierhaus, H.T., Pawlak, A., Schlölzel, M., Steininger, A., Kraemer, R., Raik, J. (eds.). Proceedings of the 2011 IEEE Symposium on Design and Diagnostics of Electronic Circuits and Systems : April 13-15, 2011, Gottbus, Germany. [S.l.] : IEEE, 2011. 464 p.

Artiklid

Ainomäe, A. LMS based distributed variance estimation for signal energy detection // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK viienda aastakonverentsi

artiklite kogumik : 25.-26. novembril 2011, Nelijärve. [Tallinn : TTÜ, 2011]. p. 11-14.

Ainomäe, A., Rokk, I., Lossmann, E. Teaching of telecommunication-specific university course in cooperation with partners from industry // Elektronika ir elektrotehnika = Electronics and electrical engineering (2011) 4, p. 131-134.

Allik, K., Amitan, I., Antoi, K., Übi, J., Vilipõld, J. Uue põlvkonna vahendid programmeerimise õppimiseks // A & A (2011) 1, lk. 41-49.

Anton, J., Saar, T. Three-dimensional cell counting based on two dimensional cross-section images // Elektronika ir elektrotehnika = Electronics and electrical engineering (2011) 6, p. 89-94.

Anton, M., Listak, M. Hydrodynamic optimization of a relative link lengths for a biomimetic robotic fish // The 15th International Conference on Advanced Robotics : Tallinn, Estonia, June 20-23, 2011. [Tallinn] : IEEE, 2011. p. 530-535.

Artemchuk, I., Petlenkov, E., Miyawaki, F. Neural network based system for real-time organ recognition during surgical operation // Proceedings of the 18th IFAC World Congress : Milano, Italy, August 28 - September 2, 2011. Milano : IFAC, 2011. p. 6478-6483.

Aruväli, T., Reinson, T., Serg, R. Real-time machinery monitoring applications in shop floor // Proceedings of the World Congress on Engineering and Computer Science 2011 : WCECS 2011 : October 19-21, 2011, San Francisco, USA. Vol. I. [S.l.] : IAENG, 2011. p. 337-342.

Astapov, S. A hierarchical algorithm of acoustic noise analysis for moving vehicle detection and classification // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK viienda aastakonverentsi artiklite kogumik : 25.-26. novembril 2011, Nelijärve. [Tallinn : TTÜ, 2011]. p. 51-54.

Astapov, S. Piiratud sagedusribaga signaalide eriomaste tunnusjoonte eraldamine ja klassifitseerimine // TTÜ üliõpilaste teadustööde konkursi kokkuvõtteid : Tipika teaduskonverents, 24. november 2011, Tallinn. Tallinn : Tallinna Tehnikaülikool, 2011. lk. 13.

Astrov, I., Pedai, A. Flight trajectory control of an eight-rotor UAV for enhanced situational awareness // Recent Researches in System Science : proceedings of the 15th WSEAS International Conference on Systems (part of the 15th WSEAS CSCC Multiconference) : Corfu Island, Greece, July 14-16, 2011. [S.l.] : WSEAS, 2011. p. 77-82.

Astrov, I., Pedai, A. Multirate depth control of an AUV by neural network predictive controller for enhanced situational awareness [Electronic resource] // 5th International Symposium on Computational Intelligence and Intelligent Informatics (ISCIII 2011) : Floriana, Malta, September 15-17, 2011 : proceedings. [S.l.] : IEEE, 2011. p. 47-52 [CD-ROM].

Astrov, I., Pedai, A. Motion control of TUAV having eight rotors for enhanced situational awareness // World Academy of Science, Engineering and Technology (2011) Iss. 60, p. 694-701.

Astrov, I., Pedai, A. Situational awareness based flight control of a four-rotor type UAV // Recent Researches in Automatic Control : 13th WSEAS International Conference on Automatic Control, Modelling and Simulation (ACMOS'11) : Lanzarote, Canary Islands, Spain, May 27-29, 2011. [S.l.] : WSEAS, 2011. p. 63-68.

Astrov, I., Pedai, A. Situational awareness based flight control of a drone [Electronic resource] // 2011 IEEE International Systems Conference (SysCon 2011) : Montreal, Quebec, Canada, April 4-7, 2011 : proceedings. [S.l.] : IEEE, 2011. p. 574-578 [CD-ROM].

Belikov, J., Petlenkov, E. Neuro-fuzzy dynamic pole placement control of nonlinear discrete-time systems // Proceedings of International Joint Conference on Neural Networks : San Jose, California, USA, July 31 – August 5, 2011. Piscataway : IEEE, 2011. p. 1577-1582.

Belikov, J., Petlenkov, E. Region of admissible values for discrete-time nonlinear control system linearized by output feedback // Proceedings of the 18th IFAC World Congress : Milano, Italy, August 28 - September 2, 2011. Milano : IFAC, 2011. p. 209-214.

Berdnikova, J. Data post-processing algorithms for active forward-looking sonar system // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK viienda aastakonverentsi artiklite kogumik : 25.-26. novembril 2011, Nelijärve. [Tallinn : TTÜ, 2011]. p. 79-82.

Berdnikova, J., Kozevnikov, V., Ruuben, T., Raja, A. Data post-processing algorithms for active forward-looking sonar system // Elektronika ir elektrotehnika = Electronics and electrical engineering (2011) 4, p. 43-46.

Cahill, B.P., Land, R., Nacke, T., Min, M., Beckmann, D. Contactless sensing of the conductivity of aqueous droplets in segmented flow // Sensors and actuators B : chemical (2011) Vol. 159, 1, p. 286-293.

Eessaar, E., Aaberg, E. Extending UML profiles to model integrity constraints in SQL databases // Proceedings of the 21th [i. e. 21st] European-Japanese Conference on Information Modelling and Knowledge Bases : EJC2011 : Tallinn, Estonia, June 06-10, 2011. Vol. 1. [Tallinn] : Tallinn University of Technology Press, [2011]. p. 47-65.

EL Daou, H., Salumäe, T., Ristolainen, A., Toming, G., Listak, M., Kruusmaa, M. A bio-mimetic design and control of a fish-like robot using compliant structures // The 15th International Conference on Advanced Robotics : Tallinn, Estonia, June 20-23, 2011. [Tallinn] : IEEE, 2011. p. 563-568.

Ellervee, P. Bottlenecks in hardware design and design automation (Hardware synthesis: no pain, no gain) // CREDES Summer School : Dependable Systems Design : handouts. Tallinn : Tallinna Tehnikaülikool, 2011. p. 49-58.

Erm, A., Buschmann, F., Alari, V., Rosin, K., Rebane, J., Listak, M. Near bottom dynamics measurements in coastal waters of NW Estonia // 8th Baltic Sea Science Congress 22–26, August 2011, St. Petersburg, Russia : book of abstracts. St Petersburg, 2011. p. 82.

Gavšin, J., Kruusmaa, M. Assessing safety of object pushing using the principle of reversibility // Hybrid Artificial Intelligent Systems : 6th International Conference : HAIS 2011 : Wrocław, Poland, May 23-25, 2011 : proceedings. Part I. Berlin : Springer, 2011. p. 313-320. (Lecture notes in computer science ; 6678).

Gavšin, J., Kruusmaa, M. Emergence of safe behaviours with an intrinsic reward // Adaptive and Intelligent Systems : Second International Conference : ICAIS 2011 : Klagenfurt, Austria, September 6-8, 2011 : proceedings. Berlin : Springer, 2011. p. 180-191. (Lecture notes in computer science ; 6943).

Gavšin, J., Kruusmaa, M. Identification of reverse-action pairs using reversibility of actions // 2011 IEEE International Conference on Systems, Man, and Cybernetics (SMC) : Anchorage, AK, USA, October 9-12. [S.l.] : IEEE, 2011. p. 2555-2560.

Gavšin, J., Kruusmaa, M. Improving area coverage by reversible object pushing // The 15th International Conference on Advanced Robotics : Tallinn, Estonia, June 20-23, 2011. [Tallinn] : IEEE, 2011. p. 415-420.

Gavšin, J., Šumik, J. Runtime generation of robot control code from ontology file // Adaptive and Intelligent Systems : Second International Conference : ICAIS 2011 : Klagenfurt, Austria, September 6-8, 2011 : proceedings. Berlin : Springer, 2011. p. 157-167. (Lecture Notes in Computer Science ; 6943).

Giannitsis, A. Microfabrication of biomedical lab-on-chip devices : a review // Estonian journal of engineering (2011) Vol. 17, 2, p. 109-139.

Giannitsis, A.T., Parve, T., Min, M. Integration of biosensors and associated electronics on lab-on-chip devices // Elektronika ir elektrotehnika = Electronics and electrical engineering (2011) 4, p. 61-66.

Gordon, R., Rist, M., Märtens, O., Min, M. Measurement of the electric conductivity of highly conductive metals with 4-electrode impedance method // Lecture notes on impedance spectroscopy : measurement, modeling and applications. Vol. 1. London : Taylor & Francis, 2011. p. 35-40.

Gorev, M., Pesonen, V. FPGA implementation of the polynomial curve fitting // Info-ja kommunikatsioonitehnoloogia doktorikooli IKTDK viienda aastakonverentsi artiklite kogumik : 25.-26. novembril 2011, Nelijärve. [Tallinn : TTÜ, 2011]. p. 121-124.

Gorev, M., Pesonen, V., Ellervee, P. Polynomial curve fitting by substitution // FPGAWorld'11 : the 8th Annual FPGAWorld Conference : Copenhagen, Stockholm, Munich, September 12-15, 2011. [S.l.] : ACM, 2011. [4] p.

Gorev, M., Pesonen, V., Mihhailov, D., Jenihhin, M., Ellervee, P. FPGA-based implementation of EEG analyzer // DATE'11 Friday Workshop on "Design Methods

and Tools for FPGA-Based Acceleration of Scientific Computing" : Grenoble, France, March 2011. [S.l.], 2011. [1] p.

Guarnieri, V., Bombieri, N., Pravadelli, G., Fummi, F., Hantson, H., Raik, J., Jenihhin, M., Ubar, R. Mutation analysis for systemC designs at TLM // 12th IEEE Latin American Test Workshop (LATW) : Porto de Galinhas, Brasil, 27-30 March 2011. [S.l.] : IEEE, 2011. [6] p.

Haav, H.-M., Kaljuvee, A., Luts, M., Vajakas, T. Ontology-driven development of personalized location based services // Databases and Information Systems VI : selected papers from the Ninth International Baltic Conference : DB&IS 2010. Amsterdam : IOS Press, 2011. p. 3-18. (Frontiers in artificial intelligence and applications ; Vol. 224).

Hantson, H. Mutations for testing hardware and correcting design errors // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK viienda aastakonverentsi artiklite kogumik : 25.-26. novembril 2011, Nelijärve. [Tallinn : TTÜ, 2011]. p. 105-108.

Henno, J. Specification of games // Information modelling and knowledge bases XXII. Amsterdam : IOS Press, 2011. p. 226-246. (Frontiers in artificial intelligence and applications ; Volume 225).

Henno, J., Jaakkola, H., Linna, P. A game programming course // MIPRO 2011 : 34th International Convention on Information and Communication Technology, Electronics and Microelectronics : May 23-27, 2011, Opatija, Croatia : proceedings. [S.l.] : MIPRO, 2011. p. 1156-1159.

Hollstein, T. Scalable dependable SoC architectures based on Networks-on-Chip // CREDES Summer School : Dependable Systems Design : handouts. Tallinn : Tallinna Tehnikaülikool, 2011. p. 35-47.

Ivanov, P., Korolkov, O., Samsonova, T., Sleptsuk, N., Potapov, A., Toompuu, J., Rang, T. DLTS measurements on 4H-SiC JBS-diodes with boron implanted local p-n junctions // Materials science forum (2011) Vol. 679/680, Silicon Carbide and Related Materials 2010, p. 409-412.

Ivanov, P.A., Potapov, A.S., Samsonova, T.P., Korolkov, O., Sleptsuk, N. A DLTS study of 4H-SiC-based p-n junctions fabricated by boron implantation // Semiconductors (2011) Vol. 45, 10, p. 1306-1310.

Иванов, П.А., Потапов, А.С., Самсонова, Т.П., Королков, О., Слепсук, Н. Исследование р-п-переходов на основе 4H-SiC, изготовленных имплантацией бора, методом нестационарной емкостной спектроскопии // Физика и техника полупроводников (2011) Том 45, 10, с. 1358-1362.

Ivask, E., Devadze, S., Ubar, R. Distributed fault simulation with collaborative load balancing for VLSI circuits // Scalable computing : practice and experience (2011) Vol. 12, 1, p. 153-163.

Jaakkola, H., Linna, P., Henno, J., Mäkelä, J. (Social) networking is coming – are we ready? // MIPRO 2011 : 34th International Convention on Information and

Communication Technology, Electronics and Microelectronics : May 23-27, 2011, Opatija, Croatia : proceedings. [S.l.] : MIPRO, 2011. p. 1133-1139.

Jaanus, M. Veidi teistmoodi õppimine // A & A (2011) 4, lk. 13-19.

Jenihhin, M., Gorev, M., Pesonen, V., Mihhailov, D., Ellervee, P., Hinrikus, H., Bachmann, M., Lass, J. EEG analyzer prototype based on FPGA // 7th International Symposium on Image and Signal Processing and Analysis (ISPA 2011) : September 4-6, 2011, Dubrovnik, Croatia : proceedings. [S.l.] : IEEE, 2011. p. 101-106.

Jenihhin, M., Raik, J., Ubar, R., Viilukas, T., Fujiwara, H. An approach for verification assertions reuse 2 in RTL test pattern generation // Journal of Shanghai Normal University : Natural Sciences (2010) Vol. 39, 5, p. 441-447.

Jenihhin, M., Raik, J., Ubar, R., Viilukas, T., Fujiwara, H. An approach for verification assertions reuse in RTL test pattern generation // Digest of papers : IEEE 11th Workshop on RTL and High Level Testing : WRTL'10 : December 5-6, 2010, Shanghai, China. [Shanghai], 2010. p. 107-110.

Jervan, G. System level design for dependability and reliability // CREDES Summer School : Dependable Systems Design : handouts. Tallinn : Tallinna Tehnikaülikool, 2011. p. 5-20.

Jervan, G., Ellervee, P., Kruus, M. Innovation and entrepreneurship in the computer systems curricula and Nordic Master School in innovative ICT // 22nd EAEEIE annual conference : June, 13-15, 2011, Maribor, Slovenija : conference book. [Maribor], 2011. p. 9.

Jutman, A., Aleksejev, I., Raik, J. Sequential test set compaction in LFSR reseeding // Design and test technology for dependable systems-on-chip. Hershey : Information Science Reference, 2011. p. 476-493.

Jutman, A., Devadze, S., Aleksejev, J. Invited paper: System-Wide Fault Management based on IEEE P1687 IJTAG // 6th International Workshop on Reconfigurable Communication-centric Systems-on-Chip (ReCoSoC) : 20-22 June 2011, Montpellier, France. [S.l.] : IEEE, 2011. [4] p.

Jutman, A., Devadze, S., Shibin, K., Rosin, V., Ubar, R. Understanding boundary scan test with Trainer 1149 // 22nd EAEEIE annual conference : June, 13-15, 2011, Maribor, Slovenija : conference book. [Maribor], 2011. p. 21-22.

Jutman, A., Ubar, R., Devadze, S., Shibin, K., Rosin, V. Trainer 1149: a boundary scan simulation bundle for labs // MIXDES 2011 : 18th International Conference "Mixed Design of Integrated Circuits and Systems" : June 16-18, 2011, Gliwice, Poland. [S.l.] : IEEE, 2011. p. 520-525.

Juurik, S., Vain, J. Model checking of emergent behaviour properties of robot swarms // Proceedings of the Estonian Academy of Sciences (2011) Vol. 60, 1, p. 48-54.

Jürgenson, R. TTÜ ja informaatikainstituudi elust pöördeagadel // Tallinna Tehnikaülikooli aastaraamat 2010. [Tallinn] : TTÜ kirjastus, c2011. lk. 288-290.

Kalja, A., Pöld, J., Robal, T., Vallner, U. Modernization of the e-government in Estonia // Proceedings of PICMET '11 : Technology Management in the Energy Smart World (PICMET) : July 31 - August 4, 2011, Portland, Oregon USA. [Portland] : PICMET, 2011. p. 3151-3157.

Karputkin, A. High level decision diagrams and characteristic polynomials // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK viienda aastakonverentsi artiklite kogumik : 25.-26. novembril 2011, Nelijärve. [Tallinn : TTÜ, 2011]. p. 143-146.

Karputkin, A., Ubar, R., Tombak, M., Raik, J. Interactive presentation abstract: automated correction of design errors by edge redirection on high-level decision diagrams [Electronic resource] // IEEE International High Level Design Validation and Test Workshop (HLDVT'11), November 9-11, 2011, Napa Valley, CA. [S.l.] : IEEE, 2011. p. 83 [CD-ROM].

Karputkin, A., Ubar, R., Tombak, M., Raik, J. Probabilistic equivalence checking based on high-level decision diagrams // Proceedings of the 2011 IEEE Symposium on Design and Diagnostics of Electronic Circuits and Systems : April 13-15, 2011, Gottbus, Germany. [S.l.] : IEEE, 2011. p. 423-428.

Kasemaa, A., Rang, T., Annus, P. CMOS low power current source with reduced circuit complexity // IEEE 9th International New Circuits and Systems Conference (NEWCAS) : Bordeaux-France, 26-29 June 2011 : [proceedings]. [Bordeaux] : IEEE, 2011. p. 17-20.

Keernik, H., Ohvril, H., Jakobson, E., Rannat, K., Luhamaa, A. Õhusamba niiskussisalduse erinevate määramisviiside võrdlus // Uurimusi Eesti kliimast. Tartu : Tartu Ülikooli Kirjastus, 2011. lk. 179-194. (Publicationes Instituti Geographici Universitatis Tartuensis ; 109).

Kelder, I. Ohutuskriitiliste infosüsteemide arendamise meetodika (SAIS'i näitel) // A & A (2011) 2, lk. 59-72.

Kimlaychuk, V. Security in ad-hoc sensor networks with pre-loaded time limited memory keys // 2011 4th International Conference on Biomedical Engineering and Informatics (BMEI) : 15-17 October 2011 : proceedings. 4. [S.l.] : IEEE, 2011. p. 2067-2071.

Koel, A., Rang, T., Rang, G. Simulation of deep energy traps to explain the VAC temperature dependence anomaly of diffusion welded Schottky contacts // ICSCRM2011 : Cleveland Ohio, USA, September 11-16, 2011 : abstracts. [Cleveland] : Trans Tech Publications, 2011. p. 340.

Korolkov, O., Sleptsuk, N., Toompuu, J., Rang, T. Diffusion welded contacts and related art applied to semiconductor materials // Elektronika ir elektrotehnika = Electronics and electrical engineering (2011) 5, p. 67-70.

Kostin, S., Ubar, R., Raik, J. Defect-oriented modul-level fault diagnosis in digital circuits // Proceedings of the 2011 IEEE Symposium on Design and Diagnostics of Electronic Circuits and Systems : April 13-15, 2011, Gottbus, Germany. [S.l.] : IEEE, 2011. p. 81-86.

Kostin, S., Ubar, R., Raik, J., Brik, M. Hierarchical physical defect reasoning in digital circuits // Estonian journal of engineering (2011) Vol. 17, 3, p. 185-200.

Krivošei, A. Bio-impedance signal decomposer : enhanced accuracy and reduced latency solution // Estonian journal of engineering (2011) Vol. 17, 3, p. 201-219.

Kruus, H. Sisseehitatud isetestimine digitaalsüsteemides // A & A (2011) 4, lk. 32-37.

Kruusmaa, M., Toming, G., Salumäe, T., Ježov, J., Ernits, A. Swimming speed control and on-board flow sensing of an artificial trout // 2011 IEEE International Conference on Robotics and Automation : ICRA : May 9-13, 2011, Shanghai, China. [S.l.] : IEEE, 2011. p. 1791-1796.

Kull, A. Mudelipõhine testimine // Tallinna Tehnikaülikooli aastaraamat 2010. [Tallinn] : TTÜ kirjastus, c2011. lk. 115-118.

Kuusik, A., Reilent, E., Lõobas, I., Parve, M. Software architecture for modern telehealth care systems // Advances on information sciences and service sciences (2011) Vol. 3, 2, p. 141-151.

Kuusik, R., Lind, G. New solution for extracting inductive learning rules and their post-analysis // IMMM 2011 : The First International Conference on Advances in Information Mining and Management : Barcelona, Spain, October 23-28, 2011. [S.l.] : XPS, 2011. p. 121-126.

Kuusik, R., Lind, G. New developments of determinacy analysis // Advanced Data Mining and Applications : 7th International Conference : ADMA 2011 : Beijing, China, December 17-19, 2011. [S.l.] : Springer, 2011. p. 223-236. (Lecture notes in computer science ; 7121).

Laansalu-Veskioja, K., Veskioja, T. A small experiment on mining memplexes // Proceedings of the 21th [i. e. 21st] European-Japanese Conference on Information Modelling and Knowledge Bases : EJC2011 : Tallinn, Estonia, June 06-10, 2011. Vol. 2. [Tallinn] : Tallinn University of Technology Press, [2011]. p. 151-158.

Land, R., Cahill, B.P., Parve, T., Annus, P., Min, M. Improvements in design of spectra of multisine and binary excitation signals for multi-frequency bioimpedance measurement // 33rd Annual International Conference of the IEEE Engineering in Medicine and Biology Society : EMBS : Boston, Massachusetts USA, August 30 - September 3, 2011. [S.l.] : IEEE, 2011. p. 4038-4041.

Leier, M. Ensuring reliable wireless data transmission - performance study from field deployment // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK viienda aastakonverentsi artiklite kogumik : 25.-26. novembril 2011, Nelijärve. [Tallinn : TTÜ, 2011]. p. 151-155.

Leis, P. IT-teenuse sisseostu valitsemisest // A & A (2011) 1, lk. 3-4.

Leis, P. 10 aastat agiilmanifesti // A & A (2011) 3, lk. 3-4.

Leis, P. Managing successful programmes (MSP) // A & A (2011) 2, lk. 3-4.

Leis, P. Mõitisklusi agiilarhitektuurist // A & A (2011) 3, lk. 22-27.

Lints, T. Adaptation, and robust flexible reflexive bytecode // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK viienda aastakonverentsi artiklite kogumik : 25.-26. novembril 2011, Nelijärve. [Tallinn : TTÜ, 2011]. p. 83-86.

Lossmann, E. Ojamaal lühilaineside hetkeseisu ja tulevikku arutamas // Tallinna Tehnikaülikooli aastaraamat 2010. [Tallinn] : TTÜ kirjastus, c2011. lk. 277-278.

Lossmann, E., Meister, M.-A., Madar, U. Noise level estimation in the shortwave frequency range // Elektronika ir elektrotehnika = Electronics and electrical engineering (2011) 6, p. 85-88.

Lossmann, E., Meister, M.-A., Madar, U. On HF communication link parameter estimation in the Baltic region // 2011 IEEE-APS Topical Conference on Antennas and Propagation in Wireless Communications (IEEE APWC '11) : Torino, Italy, September 12-16, 2011 : proceedings. [S.l.] : IEEE, 2011. p. 812-814.

Luberg, A., Schoefegger, K., Järv, P., Tammet, T. Context-aware and multilingual information extraction for a tourist recommender system // i-KNOW '11 : proceedings of the 11th International Conference on Knowledge Management and Knowledge Technologies. New-York : ACM, 2011. [8] p.

Luberg, A., Tammet, T., Järv, P. Extended triple store used in recommender system // 22nd International Workshop on Database and Expert Systems Applications (DEXA) : Toulouse, France, 29 August - 2 September 2011. [S.l.] : IEEE, 2011. p. 539-543.

Luberg, A., Tammet, T., Järv, P. Smart city : a rule-based tourist recommendation // Information and Communication Technologies in Tourism 2011 : proceedings of the International Conference in Innsbruck, Austria, January 26-28, 2011. Wien : Springer, 2011. p. 51-62.

Luczkowski, T. Boeingu mõrkja maiguga võit // Tehnikamaailm (2011) 7, lk. 66-67.

Luczkowski, T. Esimesed 20 aastat // Tehnikamaailm (2011) 12, lk. 72-74.

Luczkowski, T. 18 minutiga üle lahe // Tehnikamaailm (2011) 5, lk. 90-92, 95.

Luczkowski, T. Säätumootorite jõud // Tehnikamaailm (2011) 9, lk. 60-64, 67.

Luczkowski, T. Ärilennukitest kiireim // Tehnikamaailm (2011) 10, lk. 88-89.

Meister, M.-A. Fading characteristics relevant to medium range HF channel // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK viienda aastakonverentsi artiklite kogumik : 25.-26. novembril 2011, Nelijärve. [Tallinn : TTÜ, 2011]. p. 71-74.

Mihhailov, D., Kruus, M., Sklyarov, V., Skliarova, I., Sudnitsõn, A. Recursion and hierarchy in digital design and prototyping : a case study // Computer Systems and Technologies : 12th International Conference, CompSysTech'11 : Vienna, Austria, June 16-17, 2011 : proceedings. [S.l.] : ACM Press, 2011. p. 45-50. (ACM International Conference Proceedings series ; Vol. 578).

Mihhailov, D., Sklyarov, V., Skliarova, I., Sudnitsõn, A. Hardware implementation of recursive sorting algorithms // 2011 International Conference on Electronic Devices,

Systems and Applications (ICEDSA) : Kuala Lumpur, Malaysia, April 25-27, 2011 : [proceedings]. [S.l.] : IEEE, 2011. p. 33-38.

Mihhailov, D., Sudnitsõn, A., Sklyarov, V., Skliarova, I. Acceleration of recursive data sorting over tree-based structures // Elektronika ir elektrotehnika = Electronics and electrical engineering (2011) 7, p. 51-56.

Min, M. Editorial // Estonian journal of engineering (2011) Vol. 17, 3, p. 183-184.

Min, M. Jutuajamine professor Mart Miniga // A & A (2011) 2, lk. 5-9.

Min, M. Südamerütmurid aitavad elada // Horisont (2011) 1, lk. 8-15.

Min, M., Land, R., Annus, P., Ojarand, J. Chirp pulse excitation in the impedance spectroscopy of dynamic subjects - signal modelling in time and frequency domain // Lecture notes on impedance spectroscopy : measurement, modeling and applications. Vol. 1. London : Taylor & Francis, 2011. p. 79-82.

Min, M., Land, R., Paavle, T., Parve, T., Annus, P., Trebbels, D. Broadband spectroscopy of dynamic impedances with short chirp pulses // Physiological measurement (2011) Vol. 32, 7, p. 945-958.

Min, M., Paavle, T., Ojarand, J. Time-frequency analysis of biological matter using short-time chirp excitation // 2011 20th European Conference on Circuit Theory and Design (ECCTD) : Linköping, Sweden, August 29-31, 2011 : proceedings. [S.l.] : IEEE, 2011. p. 298-301.

Mizsei, J., Korolkov, O., Sleptsuk, N., Toompuu, J., Rang, T. Investigation of additional states in the silicon carbide surface after diffusion welding // ICSCRM2011 : Cleveland Ohio, USA, September 11-16, 2011 : abstracts. [Cleveland] : Trans Tech Publications, 2011. p. 356.

Mölder, A., Märtnens, O. Image processing in the woodworking industry : challenges, solutions and platforms // Elektronika ir elektrotehnika = Electronics and electrical engineering (2011) 7, p. 43-46.

Mõtus, L. Akadeemia 2009. a finantsaruanne // Eesti Teaduste Akadeemia aastaraamat 2010. Tallinn : Eesti Teaduste Akadeemia, 2011. lk. 58-59.

Mõtus, L. Research into cognitive artificial systems in Estonia // Research in Estonia : present and future. Tallinn : Estonian Academy of Sciences, 2011. p. 168-183.

Mõtus, L. Teadusest automaatikainstituudis ja maailmas // Tallinna Tehnikaülikooli aastaraamat 2010. [Tallinn] : TTÜ kirjastus, c2011. lk. 111-114.

Märtnens, O., Gordon, R., Rist, M., Min, M., Pokatilov, A., Kolyshkins, A. Precise eddy current impedance measurement of metal plates // Lecture notes on impedance spectroscopy : measurement, modeling and applications. Vol. 1. London : Taylor & Francis, 2011. p. 43-45.

Märtnens, O., Land, R., Gavrijaševa, A., Mölder, A. Adaptive-rate inductive impedance based coin validation // 2011 IEEE 7th International Symposium on

Intelligent Signal Processing (WISP) : Floriana, Malta, September 19-21, 2011 : proceedings. [Floriana] : IEEE, 2011. p. 122-125.

Märtens, O., Saar, T., Gavrijaševa, A., Mölder, A. Variable-resolution image processing for validation of coins // 2011 IEEE 7th International Symposium on Intelligent Signal Processing (WISP) : Floriana, Malta, September 19-21, 2011 : proceedings. [Floriana] : IEEE, 2011. p. 176-179.

Müürsepp, I. Usaldusväärsus ja veakindlus infohankesüsteemides // A & A (2011) 2, lk. 28-46.

Nömm, S., Vassiljeva, K., Belikov, J., Petlenkov, E. Structure identification of NN-ANARX model by genetic algorithm with combined cross-correlation-test based evaluation function // 2011 9th IEEE International Conference on Control and Automation (ICCA) : Santiago, Chile, December 19-21, 2011 : [proceedings]. Piscataway : IEEE, 2011. p. 65-70.

Ojarand, J., Giannitsis, A.T., Min, M., Land, R. Front-end electronics for impedimetric microfluidic devices // Bioelectronics, Biomedical, and Bioinspired Systems V; and Nanotechnology V : 18-20 April 2011, Prague, Czech Republic. [S.l.] : SPIE, 2011. p. 80680R-1 - 80680R-15. (Proceedings of the SPIE ; Volume 8068).

Ornovskis, M. Aspects of high availability and load balancing in logging infrastructure // Молодой ученый (2011) Vol. 1, 4, p. 93-96.

Paavle, T. Short-time chirp excitation for wideband identification of dynamic objects // Estonian journal of engineering (2011) Vol. 17, 2, p. 169-179.

Paavle, T., Min, M., Trebbels, D. Low-energy chirps for bioimpedance measurement // 34th International Conference on Telecommunications and Signal Processing (TSP) : Budapest, Hungary, August 18-20, 2011 : [proceedings]. [S.l.] : IEEE, 2011. p. 398-402.

Pahtma, R. Middleware for wireless sensor networks // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK viienda aastakonverentsi artiklite kogumik : 25.-26. novembril 2011, Nelijärve. [Tallinn : TTÜ, 2011]. p. 55-57.

Paisnik, K., Rang, G., Rang, T. Life-time characterization of LEDs // Estonian journal of engineering (2011) Vol. 17, 3, p. 241-251.

Pappel, I., Pappel, I. Implementation of service-based e-government and establishment of state IT components interoperability at local authorities // 2011 3rd International Conference on Advanced Computer Control (ICACC 2011) : Harbin, China, 18-20.01.2011. [Singapore] : IEEE, 2011. p. 371-378.

Pappel, I., Pappel, I., Saarmann, M. Conception and activity directions for training and science centre supporting development of Estonian e-state technologies : [abstract] // ICEGov 2011 : 5th International Conference on Theory and Practice of Electronic Governance : 26-28 September 2011, Tallinn, Estonia : brochure. [New-York : ACM Press, 2011]. p. 201. (ACM International Conference proceedings series).

Peder, A., Nestra, H., Raik, J., Tombak, M., Ubar, R. Linear algorithms for testing superpositional graphs // Proceedings of the Reed-Muller 2011 Workshop : May 25-26, 2011, Tuusula, Finland. [S.l.], 2011. p. 111-118.

Peder, A., Nestra, H., Raik, J., Tombak, M., Ubar, R.-J. Linear algorithms for recognizing and parsing superpositional graphs // Facta Universitatis [Niš]. Series electronics and energetics (2011) Vol. 24, 3, p. 325-339.

Peder, A., Tombak, M. Finding the description of structure by counting method : a case study // SOFSEM 2011 : Theory and Practice of Computer Science : 37th Conference on Current Trends in Theory and Practice of Computer Science : Nový Smokovec, Slovakia, January 22-28, 2011 : proceedings. Berlin : Springer, 2011. p. 455-466.

Petlenkov, E. IKTDK interdistsiplinaarsetest projektidest // A & A (2011) 4, lk. 38-43.

Petlenkov, E. Info- ja kommunikatsioonitehnoloogia doktorikool 2011. aastal // A & A (2011) 4, lk. 3-4.

Piho, G., Tepandi, J., Parman, M., Puusep, V., Roost, M. Test driven domain modelling // MIPRO 2011 : 34th International Convention on Information and Communication Technology, Electronics and Microelectronics : May 23-27, 2011, Opatija, Croatia : proceedings. [S.l.] : MIPRO, 2011. p. 576-581.

Piho, G., Tepandi, J., Roost, M. Archetypes based techniques for modelling of business domains, requirements and software // Proceedings of the 21th [i. e. 21st] European-Japanese Conference on Information Modelling and Knowledge Bases : EJC2011 : Tallinn, Estonia, June 06-10, 2011. Vol. 2. [Tallinn] : Tallinn University of Technology, [2011]. p. 20-39.

Piho, G., Tepandi, J., Roost, M. Evaluation of the archetypes based development // Databases and Information Systems VI : selected papers from the Ninth International Baltic Conference : DB&IS 2010. Amsterdam : IOS Press, 2011. p. 283-295. (Frontiers in artificial intelligence and applications ; Volume 224).

Piho, G., Tepandi, J., Roost, M., Parman, M., Puusep, V. From archetypes based domain model via requirements to software : exemplified by LIMS software factory // MIPRO 2011 : 34th International Convention on Information and Communication Technology, Electronics and Microelectronics : May 23-27, 2011, Opatija, Croatia : proceedings. [S.l.] : MIPRO, 2011. p. 570-575.

Polis, E. Value and viability considerations in information systems development // Databases and Information Systems VI : selected papers from the Ninth International Baltic Conference : DB&IS 2010. Amsterdam : IOS Press, 2011. p. 257-270. (Frontiers in artificial intelligence and applications ; Volume 224).

Preden, J. Tark elektrivõrk Smart grid // Keskkonnatehnika (2011) 8, lk. 28-29.

Preden, J. Väljakutsed küber-füüsiliste süsteemide loomisel // Inseneeria (2011) 4, lk. 36-37.

Preden, J., Mõtus, L., Meriste, M., Riid, A. Situation awareness for networked systems // 2011 IEEE International Multi-Disciplinary Conference on Cognitive Methods in Situation Awareness and Decision Support : CogSIMA : Miami, USA, 22-24 Februar 2011. [S.l.] : IEEE, 2011. p. 123-130.

Raik, J. Techniques for automated localization and correction of design errors // CREDES Summer School : Dependable Systems Design : handouts. Tallinn : Tallinna Tehnikaülikool, 2011. p. 107-118.

Raik, J., Fujiwara, H., Ubar, R., Krivenko, A. Untestable fault identification in sequential circuits using model-checking // 2002-2011 : 20th Anniversary compendium of papers from Asian Test Symposium. Kolkata : IEEE, 2011. p. 257-262.

Raik, J., Govind, V., Ubar, R. An external test approach for network-on-a-chip switches // 2002-2011 : 20th Anniversary compendium of papers from Asian Test Symposium. Kolkata : IEEE, 2011. p. 185-190.

Raik, J., Rannaste, A., Jenihhin, M., Viilukas, T., Ubar, R., Fujiwara, H. Constraint-based hierarchical untestability identification for synchronous sequential circuits // Sixteenth IEEE European Test Symposium : 23-27 May 2011, Trondheim. [S.l.] : IEEE, 2011. p. 147-152.

Raik, J., Repinski, U., Jenihhin, M., Chepurov, A. High-level decision diagram simulation for diagnosis and soft-error analysis // Design and test technology for dependable systems-on-chip. Hershey : Information Science Reference, 2011. p. 294-309.

Rang, T. Balti elektroonikakonverents BEC 2010 // Tallinna Tehnikaülikooli aastaraamat 2010. [Tallinn] : TTÜ kirjastus, c2011. lk. 279-280.

Rang, T., Tabun, I., Rang, G., Koel, A. Generalized analytical model for SiC polytypic heterojunctions // Estonian journal of engineering (2011) Vol. 17, 2, p. 151-157.

Reilent, E., Lõõbas, I., Kuusik, A., Parve, M., Ross, P. Extendable data model for universal health records // AMA-IEEE Medical Technology Conference : Boston, 16-18 October 2011. [S.l.], 2011. [2] p.

Reinsalu, U., Ellervee, P. Experience in increase of practical hours for HDL course // 2011 International Conference on Microelectronic Systems Education (MSE '11), 5-6 June 2011, San Diego, California. [S.l.] : IEEE, 2011. p. 102-105.

Reinsalu, U., Raik, J., Ubar, R., Ellervee, P. Fast RTL fault simulation using decision diagrams and bitwise set operations // 2011 IEEE International Symposium on Defect and Fault Tolerance in VLSI and Nanotechnology Systems (DFT) : 3-5 October 2011, Vancouver, Canada. [S.l.] : IEEE, 2011. p. 164-170.

Riid, A. Andmetöötlus hägusloogika vahenditega ja selle rakendused // Tallinna Tehnikaülikooli aastaraamat 2010. [Tallinn] : TTÜ kirjastus, c2011. lk. 118-121.

Riid, A., Rüstern, E. An integrated approach for the identification of compact, interpretable and accurate Fuzzy rule-based classifiers from data // INES 2011 : 15th International Conference on Intelligent Engineering Systems : June 23–25, 2011, Poprad, Slovakia. [S.l.] : IEEE, 2011. p. 101-107.

Riid, A., Rüstern, E. Identification of transparent, compact, accurate and reliable linguistic fuzzy models // Information sciences (2011) Vol. 183, 20, p. 4378-4393.

Riid, A., Rüstern, E. Interpretability, interpolation and rule weights in linguistic Fuzzy modeling // Fuzzy Logic and Applications : 9th International Workshop, WILF 2011 : Trani, Italy, August 29-31, 2011 : proceedings. [S.l.] : Springer, 2011. p. 91-98. (Lecture notes in artificial intelligence ; 6857).

Robal, T. Learning from users for personalized web experience // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK viienda aastakonverentsi artiklite kogumik : 25.-26. novembril 2011, Nelijärve. [Tallinn : TTÜ, 2011]. p. 169-172.

Robal, T., Kann, T., Kalja, A. An ontology-based intelligent learning object for teaching the basics of digital logic // 2011 IEEE International Conference on Microelectronic Systems Education (MSE) : 5-6 June 2011, San Diego, CA, USA. Los Alamitos : IEEE, 2011. p. 106-107.

* Roost, M., Piho, G., Taveter, K. Information systems' self-development as a model of end-user development in networked organizations // Second International Workshop on EUD4Services Methodologies, Tools, and Evaluations : proceedings. [S.l.], 2011.

Saar, T. Robust piezo impedance magnitude measurement method // Elektronika ir elektrotehnika = Electronics and electrical engineering (2011) 7, p. 107-110.

Sagahyroon, A., Aloul, F.A., Sudnitsõn, A. Using SAT-based techniques in low power state assignment // Journal of circuits, systems, and computers (2011) Vol. 20, 8, p. 1605-1618.

* Sahno, J., Savimaa, R., Kangilaski, T., Öpik, R., Maleki, M., Machado, V.-C. Data Mart framework for production route selection // Annals of DAAAM for 2011 & proceedings of the 22nd International DAAAM Symposium. Vienna : DAAAM International, 2011. p. 1543-1544.

Salumäe, T., Kruusmaa, M. A flexible fin with bio-inspired stiffness profile and geometry // Journal of bionic engineering (2011) Vol. 8, 4, p. 418-428.

Sarna, K. Aspekt-orienteeritud nõuete projekteerimine aspekt-orienteeritud tarkvaraarenduse elutsükliks // A & A (2011) 2, lk. 47-58.

Sarna, K., Vain, J. Construction of aspect models for model-based testing // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK viienda aastakonverentsi artiklite kogumik : 25.-26. novembril 2011, Nelijärve. [Tallinn : TTÜ, 2011]. p. 67-70.

* Savimaa, R., Kangilaski, T., Polyantchikov, I. A framework for time-aware change management in virtual enterprises // Annals of DAAAM for 2011 & proceedings of

the 22nd International DAAAM Symposium. Vienna : DAAAM International, 2011. p. 1545-1546.

Savimaa, R., Moora, P. Võimalused modelleerida protsesse ja käitumist // Radar (2011) 10, lk. 40-43.

Savimaa, R., Tenno, A., Moora, P. Protsesside ja ilmneva käitumise modelleerimine siseturvalisuse valdkonnas // Smart security = Tark turvalisus. Tallinn : Sisekaitseakadeemia, 2011. lk. 40-65. (Sisekaitseakadeemia Toimetised ; 10).

Seljanko, F. Towards generalized movement strategy for six-legged walking robot // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK viienda aastakonverentsi artiklite kogumik : 25.-26. novembril 2011, Nelijärve. [Tallinn : TTÜ], 2011. p. 35-38.

Shibin, K., Jutman, A. Trainer 1149 : a boundary scan simulation bundle with hardware support for labs // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK viienda aastakonverentsi artiklite kogumik : 25.-26. novembril 2011, Nelijärve. [Tallinn : TTÜ], 2011. p. 135-138.

Shvartsman, I., Taveter, K. Agent-oriented knowledge elicitation for modeling the winning of "Hearts and Minds" // Proceedings of the Federated Conference on Computer Science and Information Systems : FedCSIS 2011 : Szczecin, Poland, 18-21 September 2011. [S.l.] : IEEE, 2011. p. 604-608.

Sklyarov, V., Skliarova, I., Mihhailov, D., Sudnitsõn, A. Implementation in FPGA of address-based data sorting // 21st International Conference on Field Programmable Logic and Applications : FPL 2011 : Chania, Crete, Greece, 5-7 September 2011. [S.l.] : IEEE, 2011. p. 405-410.

Sklyarov, V., Skliarova, I., Mihhailov, D., Sudnitsõn, A. High-performance hardware accelerators for sorting and managing priorities // Proceedings of the 2011 IEEE Symposium on Design and Diagnostics of Electronic Circuits and Systems : April 13-15, 2011, Gottbus, Germany. [S.l.] : IEEE, 2011. p. 313-318.

Sklyarov, V., Skliarova, I., Mihhailov, D., Sudnitsõn, A. Multilevel models for data processing // 2011 IEEE GCC Conference and Exhibition : February 19-22, 2011, Dubai, United Arab Emirates. [S.l.] : IEEE, 2011. p. 136-139.

Sklyarov, V., Skliarova, I., Mihhailov, D., Sudnitsõn, A. Processing tree-like data structures for sorting and managing priorities // 2011 IEEE Symposium on Computers & Informatics : ISCI 2011 : Kuala Lumpur, Malaysia, 20-23 March 2011. [S.l.] : IEEE, 2011. p. 322-327.

Sklyarov, V., Skliarova, I., Mihhailov, D., Sudnitsõn, A. Processing N-ary trees in hardware circuits // 13th International Symposium on Integrated Circuits (ISIC) : Singapore, 12-14 December 2011 : proceedings. [S.l.] : IEEE, 2011. p. 262-265.

Sklyarov, V., Skliarova, I., Oliveira, R., Mihhailov, D., Sudnitsõn, A. Processing tree-like data structures in different computing platforms // 2011 International Conference on Information and Computer Applications (ICICA 2011) : Dubai, United Arab Emirates, March 18-20, 2011. [S.l.] : IEEE, 2011. p. 112-116.

Sklyarov, V., Skliarova, I., Sudnitsõn, A. FPGA-based systems in information and communication // AICT2011 : 5th International Conference on Application of Information and Communication Technologies : 12-14 October, Baku, Azerbaijan : conference proceedings. Baku, 2011. p. 551-555.

Stankovic, R.S., Ubar, R., Astola, J. Remarks on different decision diagrams // Proceedings of the Reed-Muller 2011 Workshop : May 25-26, 2011, Tuusula, Finland. [S.l.], 2011. p. 99-110.

Zheng, X. The role of financial statement analysis in strategic management accounting : a case study of Gree // Business analysis, accounting, taxes and auditing. Tallinn, 2011. p. 305-312.

Tagel, M., Ellervee, P., Hollstein, T., Jervan, G. Communication modelling and synthesis for NoC-based systems with real-time constraints // Proceedings of the 2011 IEEE Symposium on Design and Diagnostics of Electronic Circuits and Systems : April 13-15, 2011, Gottbus, Germany. [S.l.] : IEEE, 2011. p. 237-242.

Tagel, M., Ellervee, P., Hollstein, T., Jervan, G. Contention aware scheduling for NoC-based real-time systems // Norchip 2011 : 14-15 November 2011, Lund. [S.l.] : IEEE, 2011. [4] p.

Tagel, M., Ellervee, P., Hollstein, T., Jervan, G. Contention aware scheduling for NoC-based real-time systems // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK viienda aastakonverentsi artiklite kogumik : 25.-26. novembril 2011. [Tallinn : TTÜ, 2011]. p. 75-78.

Tagel, M., Ellervee, P., Hollstein, T., Jervan, G. System-level optimization of NoC-based timing sensitive systems // Estonian journal of engineering (2011) Vol. 17, 2, p. 158-168.

Tagel, M., Ellervee, P., Jervan, G. System-level design of NoC-based dependable embedded systems // Design and test technology for dependable systems-on-chip. Hershey : Information Science Reference, 2011. p. 1-36.

Tamm, J. Arupuru tegija Eestis // Tallinna Tehnikailikooli aastaraamat 2010. [Tallinn] : TTÜ kirjastus, c2011. lk. 121-124.

Tammet, T. Küberkaitsjad korraga kahes üliskoolis // Arvutimaailm (2011) 6, lk. 8-9.

Taveter, K., Kirikal, K. Designing adaptive multi-agent systems by agent-oriented modelling // Proceedings of the 18th IFAC World Congress, 2011 : Milano, Italy, August 28 - September 2, 2011. [S.l.] : IFAC, 2011.

Tepljakov, A., Petlenkov, E., Belikov, J. FOMCON : fractional-order modeling and control toolbox for MATLAB // Proceedings of the 18th International Conference Mixed Design of Integrated Circuits and Systems : MIXDES 2011 : Gliwice, Poland 16-18 June, 2011. [S.l.] : IEEE, 2011. p. 684-689.

* Tepljakov, A., Petlenkov, E., Belikov, J. FOMCON : a MATLAB toolbox for fractional-order system identification and control // International journal of microelectronics and computer science (2011) Vol. 2, 2, p. 51-62.

Tepļjakov, A., Petlenkov, E., Belikov, J. Fractional-order calculus application to industrial control problems // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK viienda aastakonverentsi artiklite kogumik : 25.-26. novembril 2011, Nelijärve. [Tallinn : TTÜ, 2011]. p. 47-50.

Toming, G. TTÜ juhtimisel luuakse robotkala // Keskkonnatehnika (2011) 5, lk. 8-9.

Toom, A. Practical transformation verification with OCL // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK viienda aastakonverentsi artiklite kogumik : 25.-26. novembril 2011, Nelijärve. [Tallinn : TTÜ, 2011]. p. 165-168.

Toomsalu, A. Märkmikmälu sardsüsteemis // A & A (2011) 1, lk. 9-18.

Toomsalu, A. Orgaaniline mikroprotsessor // A & A (2011) 3, lk. 18-21.

Toomsalu, A. Unustusehõlma vajunud mikroprotsessorid 4005 ja MF7114 // A & A (2011) 3, lk. 8-17.

Torim, A. A visual model of the CRUD matrix // Proceedings of the 21th [i. e. 21st] European-Japanese Conference on Information Modelling and Knowledge Bases : EJC2011 : Tallinn, Estonia, June 06-10, 2011. Vol. 2. [Tallinn] : Tallinn University of Technology, [2011]. p. 114-121.

Trump, T. A combination of two NLMS filters in an adaptive line enhancer [Electronic resource] // 17th International Conference on Digital Signal Processing, 6-8 July 2011, Corfu, Greece : proceedings. [S.l.] : IEEE, 2011. [6] p. [CD-ROM].

Trump, T. Output signal based combination of two NLMS adaptive filters - transient analysis // Proceedings of the Estonian Academy of Sciences (2011) Vol. 60, 4, p. 258-268.

Trump, T. Output statistics of a line enhancer based on a combination of two adaptive filters // Central European journal of engineering (2011) Vol. 1, 3, p. 244-252.

Trump, T. Transient analysis of a combination of two adaptive filters // Adaptive filtering. Rijeka : InTech, 2011. p. 297-312.

Trump, T., Mürsepp, I. An energy detector for spectrum sensing in impulsive noise environment // 22nd IEEE International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC'11) : Toronto, Canada, 11-14 september 2011. [S.l.] : IEEE, 2011. p. 467-471.

Trump, T., Mürsepp, I. Robust spectrum sensing for cognitive radio [Electronic resource] // 19th European Signal Processing Conference (EUSIPCO 2011), Barcelona, August 29 - September 2, 2011 : proceedings. [S.l.] : EURASIP, 2011. p. 1224-1228 [CD-ROM].

Tsertov, A., Ubar, R., Jutman, A., Devadze, S. Automatic SoC level test path synthesis based on partial functional models // 2011 Asian Test Symposium (ATS) : New Delhi, India. [S.l.], 2011. p. 532-538.

Tsertov, A., Ubar, R., Jutman, A., Devadze, S. SoC and board modeling for processor-centric board testing // 14th Euromicro Conference on Digital System

Design : Architectures, Methods and Tools : DSD 2011 : 31 August - 2 September 2011, Oulu, Finland : proceedings. Los Alamitos : IEEE, 2011. p. 575-582.

Tšepurov, A., Jenihhin, M., Raik, J. zamiaCAD : open source platform for advanced hardware design // DATE 2011 University Booth : Design Automation and Test in Europe : Grenoble, France, March 14-18, 2011. [S.l.], 2011. [2] p.

Täks, E., Vöhandu, L., Lohk, A., Liiv, I. An experiment to find the deep structure of Estonian legislation // Legal Knowledge and Information Systems : JURIX 2011 : the twenty-fourth annual conference. Amsterdam : IOS Press, 2011. p. 93-102. (Frontiers in artificial intelligence and applications ; Volume 235).

Ubar, R.-J. Fault modeling and diagnosis in digital systems // CREDES Summer School : Dependable Systems Design : handouts. Tallinn : Tallinna Tehnikaülikool, 2011. p. 91-106.

Ubar, R.-J. Insener projekteerib usaldust // Arvutimaailm (2011) 7/8, lk. 8-9.

Ubar, R.-J. Inseneri ja tehnoloogia võidujooksust nanomeeterdistsantsil, ehk, Tehnoloogia valitsemisest ja usaldamisest // Tallinna Tehnikaülikooli aastaraamat 2010. [Tallinn] : TTÜ kirjastus, c2011. lk. 249-260.

Ubar, R.-J. Integreeritud elektroonikasüsteemide ja biomeditsiinitehnika tippkeskus CEBE // Tallinna Tehnikaülikooli aastaraamat 2010. [Tallinn] : TTÜ kirjastus, c2011. lk. 29-40.

Ubar, R.-J. Jooksujalu : [intervjuu] // Põline partituur : intervjuud akadeemikutega. Tallinn : Reves Grupp, 2011. lk. 81-104.

Ubar, R.-J. Overview about low-level and high-level decision diagrams for diagnostic modeling of digital systems // Proceedings of the Reed-Muller 2011 Workshop : May 25-26, 2011, Tuusula, Finland. [S.l.], 2011. p. 1-10.

Ubar, R.-J. Tehnoloogia usaldamisest // Horisont (2011) 5, lk. 10-19.

Ubar, R.-J., Devadze, S. High-speed logic level fault simulation // Design and test technology for dependable systems-on-chip. Hershey : Information Science Reference, 2011. p. 310-335.

Ubar, R.-J., Ellervee, P., Hollstein, T., Jervan, G., Jutman, A., Kruus, M., Raik, J. Research on digital system design and test at Tallinn University of Technology // Research in Estonia : present and future. Tallinn : Estonian Academy of Sciences, 2011. p. 184-205.

Ubar, R.-J., Mironov, D., Devadze, S., Raik, J., Jutman, A. Digital logic simulation with compressed BDDs // Proceedings : 2011 IEEE International Conference on Computer Science and Automation Engineering : June 10-12, 2011, Shanghai, China. [Beijing] : IEEE, 2011. p. 105-109.

Ubar, R.-J., Raik, J., Jutman, A., Jenihhin, M. Diagnostic modeling of digital systems with multi-level decision diagrams // Design and test technology for dependable systems-on-chip. Hershey : Information Science Reference, 2011. p. 92-118.

* Umbleja, K., Kukk, V., Jaanus, M. Answer evaluation in competence based learning // ICEE 2011 E-book CD-ROM : An International Conference on Engineering Education : 21-26 August 2011, Belfast, Northern Ireland, UK. [S.l.], 2011.

Vassiljeva, K., Belikov, J., Petlenkov, E. Genetic algorithm based structure identification for feedback control of nonlinear MIMO systems // Lecture notes in computer science (2011) Vol. 6943, p. 215-226.

Vassiljeva, K., Belikov, J., Petlenkov, E. Neural networks based minimal or reduced model representation for control of nonlinear MIMO systems // Proceedings of International Joint Conference on Neural Networks : San Jose, California, USA, July 31 – August 5, 2011. Piscataway : IEEE, 2011. p. 1706-1713.

Vassiljeva, K., Petlenkov, E., Belikov, J. Neural networks based identification for control // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK viienda aastakonverentsi artiklite kogumik : 25.-26. novembril 2011, Nelijärve. [Tallinn : TTÜ, 2011]. p. 157-160.

Vedru, J., Gordon, R., Humal, L.H., Trola, J. Modelling of an inductive sensor of the Foucault cardiogram // Estonian journal of engineering (2011) Vol. 17, 3, p. 252-270.

Veski, A., Vöhandu, L. Two player fair division problem with uncertainty // Databases and Information Systems VI : selected papers from the Ninth International Baltic Conference : DB&IS 2010. Amsterdam : IOS Press, 2011. p. 394-407. (Frontiers in artificial intelligence and applications ; Volume 224).

Viilukas, T., Jenihhin, M., Raik, J., Ubar, R., Baranov, S. Automated test bench generation for high-level synthesis flow ABELITE // Proceedings of IEEE East-West Design & Test Symposium (EWDTS'2011) : Sevastopol, Ukraine, September 9-12, 2011. [Kharkov] : Kharkov National University of Radioelectronics, 2011. p. 13-16.

Viilukas, T., Raik, J., Ubar, R., Rannaste, A., Jenihhin, M., Fujiwara, H. Constraint-based hierarchical untestability identification for synchronous sequential circuits // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK viienda aastakonverentsi artiklite kogumik : 25.-26. novembril 2011, Nelijärve. [Tallinn : TTÜ, 2011]. p. 139-142.

Vöhandu, L. Esimene arvuti teenis Saksa sõjalennukeid // Tarkade Klubi (2011) 5, lk. 56-59.

Vöhandu, L. Võrkude maailm ja andmetöötlus // A & A (2011) 3, lk. 47-52.

Übi, J. Külalisteadlasena USA ülikoolis // A & A (2011) 4, lk. 5-8.

KEEMIA- ja MATERJALITEHNOLOOGIA TEADUSKOND

Raamatud

Food and nutrition. 18. Tallinn : TTÜ kirjastus, c2011. 82 lk. (Food and nutrition = Toit ja toitumine / Tallinna Tehnikaülikool, toiduainete instituut ; 18).

Järvik, O. Intensification of activated sludge process – the impact of ozone and activated carbon. Tallinn : TUT Press, 2011. 136 p. (Theses of Tallinn University of Technology. G, Thesis on chemistry and chemical engineering ; 27).

Katerski, A. Chemical composition of sprayed copper indium disulfide films for nanostructured solar cells. Tallinn : TUT Press, 2011. 145 p. (Theses of Tallinn University of Technology. B, Thesis on natural and exact sciences ; 102).

Kaupmees, L. Selenization of molybdenum as contact material in solar cells. Tallinn : TUT Press, 2011. 144 p. (Theses of Tallinn University of Technology. B, Thesis on natural and exact sciences ; 118).

Koppel, K. Food category appraisal using sensory methods. Tallinn : TUT Press, 2011. 166 p. (Theses of Tallinn University of Technology. B, Thesis on natural and exact sciences ; 120).

Munter, R. Osooni ja vee lugu. Tallinn, 2011. 196 lk.

Poltimäe, T. Thermal analysis of crystallization behaviour of polyethylene copolymers and their blends. Tallinn : TUT Press, 2011. 108 p. (Theses of Tallinn University of Technology. G, Thesis on chemistry and chemical engineering ; 28).

Reiska, R. (tlk.). Puitkonstruktsioonid : ehituspuit ja liimpuit. Mõnede füüsikaliste ja mehaaniliste omaduste määramine. [Tallinn] : Eesti Standardikeskus, 2011. II, 35 lk. (Eesti standard ; EVS-EN 408:2010).

Reiska, R. (tlk.). Puitkonstruktsioonid : tootenõuded ehituslikele ogaplaatliidetega valmiselementidele. [Tallinn] : Eesti Standardikeskus, 2011. II, 31 lk. (Eesti standard ; EVS-EN 14250:2010).

Sihtmäe, M. (Eco)toxicological information on REACH-relevant chemicals : contribution of alternative methods to in vivo approaches. Tallinn : TUT Press, 2011. 160 p. (Theses of Tallinn University of Technology. G, Thesis on chemistry and chemical engineering ; 29).

Sumeri, I. The study of probiotic bacteria in human gastrointestinal tract simulator. Tallinn : TUT Press, 2011. 122 p. (Theses of Tallinn University of Technology. B, Thesis on natural and exact sciences ; 110).

Timmo, K. Formation of properties of CuInSe₂ and Cu₂ZnSn(S,Se)₄ monograin powders synthesized in molten KI. Tallinn : TUT Press, 2011. 112 p. (Theses of Tallinn University of Technology. B, Thesis on natural and exact sciences ; 103).

Velts, O. Oil shale ash as a source of calcium for calcium carbonate : process feasibility, mechanism and modeling. Tallinn : TUT Press, 2011. 162 p. (Theses of Tallinn University of Technology. G, Thesis on chemistry and chemical engineering ; 30).

Viikna, A. (koost.). Keemia- ja materjalitehnoloogia teaduskond : teadus- ja arendustegevus 2010. [Tallinn] : TTÜ kirjastus, [2011]. 77 lk.

Viipsi, K. Impact of EDTA and humic substances on the removal of Cd and Zn from aqueous solutions by apatite. Tallinn : TUT Press, 2012. 143 p. (Theses of Tallinn University of Technology. B, Thesis on natural and exact sciences ; 122).

Artiklid

Abakeviciene, B., Zalga, A., Tamulevicius, S., Pilipavicius, J., Beganskiene, A., Tõnsuaadu, K., Kareiva, A. Sol-gel synthesis and characterization of gadolinium stabilized ceria thin films on the different substrates // 20th International Baltic Conference Materials Engineering 2011, October 27-28, Kaunas, Lithuania : book of abstracts. Kaunas : Technologija, 2011. p. 10-11.

Adhikari, N., Bereznev, S., Laes, K., Kois, J., Volobujeva, O., Raadik, T., Traksmaa, R., Tverjanovich, A., Öpik, A., Mellikov, E. High-vacuum evaporation of n-CuIn₃Se₅ photoabsorber films for hybrid PV structures // Journal of electronic materials (2011) Vol. 40, 12, p. 2374-2381.

Bereznev, S., Adhikari, N., Kois, J., Volobujeva, O., Laes, K., Traksmaa, R., Raadik, T., Öpik, A. Hüübriidsetes fototundlikes struktuurides rakendatavate n-CuIn₃Se₅ fotoabsorberkilede valmistamine kõrgvaakmaurustamise meetodil // XXXII Eesti Keemiapäevad : teaduskonverentsi teesid. Tartu : Tartu Ülikooli Kirjastus, 2011. lk. 15.

Bogdanoviciene, I., Scit, O., Tõnsuaadu, K., Raudonis, R., Beganskiene, A., Ramanauskas, R., Kareiva, A. Calcium phosphate/hydroxyapatite thin films prepared by an aqueous sol-gel method using dip-coating technique // 12th Conference of the European Ceramic Society (ECerS 2011), Stockholm, Sweden, 19-23 June 2011. [S.l., 2011]. [1] p.

Boroznjak, R., Sõritski, V., Reut, J., Öpik, A. Immunoglobuliini orienteeritud immobilisatsioon aluspinnal : valkude molekulaarse jäljendamise meetoodika täiustamine // XXXII Eesti Keemiapäevad : teaduskonverentsi teesid. Tartu : Tartu Ülikooli Kirjastus, 2011. lk. 16.

Danilson, M., Altosaar, M., Kauk, M., Katerski, A., Krustok, J., Raudoja, J. XPS study of CZTSSe monograin powders // Thin solid films (2011) Vol. 519, 21, p. 7407-7411.

Dimova, L., Petrov, O., Kadiyski, M., Lihareva, N., Stoyanova-Ivanova, A., Mikli, V. Preparation and Rietveld refinement of Ag-exchanged clinoptilolite // Clay minerals (2011) Vol. 46, 2, p. 205-212.

Dulov, A., Dulova, N., Trapido, M. Combined physicochemical treatment of textile and mixed industrial wastewater // *Ozone : science & engineering* (2011) Vol. 33, 4, p. 285-293.

* Dulov, A., Dulova, N., Veressinina, Y., Trapido, M. Application of advanced oxidation technologies for propoxycarbazone-sodium degradation // 20th IOA World Congress - 6th IUVA World Congress : Ozone and UV Leading-Edge Science and Technologies : Paris, France, 23-27 May 2011 : proceedings. [S.l.], 2011. p. I.6.15-1 - I.6.15-8.

Dulov, A., Dulova, N., Veressinina, Y., Trapido, M. Degradation of propoxycarbazone-sodium with advanced oxidation processes // *Water science & technology : water supply* (2011) Vol. 11, 1, p. 129-134.

Dulova, N., Trapido, M. Application of Fenton's reaction for food-processing wastewater treatment // *Journal of advanced oxidation technologies* (2011) Vol. 14, 1, p. 9-16.

Dulova, N., Trapido, M., Dulov, A. Catalytic degradation of picric acid by heterogeneous Fenton-based processes // *Environmental technology* (2011) Vol. 32, 4, p. 439-446.

* Epold, I., Barajeva, P., Veressinina, J., Trapido, M. Degradation of emerging pharmaceuticals in water/wastewater matrix with advanced oxidation processes : a comparative study // 20th IOA World Congress - 6th IUVA World Congress : Ozone and UV Leading-Edge Science and Technologies : Paris, France, 23-27 May 2011 : proceedings. [S.l.], 2011. p. VIII.2.6-1 - VIII.2.6-10.

Epold, I., Veressinina, J., Trapido, M. Esilekerkivate ravimite lagundamine süvaoksidatsiooniprotsessidega vees/reovees : võrdlev uuring // XXXII Eesti Keemiapäevad : teaduskonverentsi teesid. Tartu : Tartu Ülikooli Kirjastus, 2011. lk. 21.

Ganchev, M., Iljina, J., Kaupmees, L., Raadik, T., Volobujeva, O., Mere, A., Altosaar, M., Raudoja, J., Mellikov, E. Phase composition of selenized Cu₂ZnSnSe₄ thin films determined by X-ray diffraction and Raman spectroscopy // *Thin solid films* (2011) Vol. 519, 21, p. 7394-7398.

Goi, A., Viisimaa, M., Trapido, M. Peroxidation for remediation of chlorinated hydrocarbons contaminated soil // FCES' 2011 : Finnish Conference of Environmental Science : 5-6 May, 2011, Turku, Finland : proceedings. Åbo : Åbo Akademi University Printing Press, 2011. p. 29-32.

Goi, A., Viisimaa, M., Trapido, M., Munter, R. Polychlorinated biphenyls-containing electrical insulating oil contaminated soil treatment with calcium and magnesium peroxides // *Chemosphere* (2011) Vol. 82, 8, p. 1196-1201.

Goi, A., Viisimaa, M. DDT-contaminated soil treatment with persulfate and hydrogen peroxide applying different activation aids // *Photocatalytic and Advanced Oxidation Technologies for Treatment of Water, Air, Soil and Surfaces (PAOT)* : Gdansk, Poland, 4-8 July, 2011 : abstracts. Gdansk, 2011. p. 91.

Gorokhova, E., Rodnyi, P., Lokshin, E., Lott, K., et al. Structural, optical, and scintillation characteristics of ZnO ceramics // Journal of optical technology (2011) Vol. 78, 11, p. 753-760.

Grossberg, M., Krustok, J., Raudoja, J., Timmo, K., Altosaar, M., Raadik, T. Photoluminescence and Raman study of Cu₂ZnSn(SexS_{1-x})₄ monograins for photovoltaic applications // Thin solid films (2011) Vol. 519, 21, p. 7403-7406.

Hautaniemi, M., Impola, O., Solismaa, P., Kukkamäki, E., Kallas, J., Louhi-Kultanen, M. Calcium carbonate precipitation : modelling of reaction kinetics in tubular reactor // ISIC 18 : 18th International Symposium on Industrial Crystallization : 13-16 September 2011, Zurich, Switzerland : book of abstracts. [S.l.], 2011. p. 41-42.

* Huhtanen, M., Häkkinen, A., Ekberg, B., Kallas, J. Experimental study of the influence of process variables on the performance of a horizontal belt filter // Filtration (2011) Vol. 11, 2, p. 120-125.

Jarkov, A., Bereznev, S., Laes, K., Volobujeva, O., Traksmäa, R., Öpik, A., Mellikov, E. Conductive polymer PEDOT:PSS back contact for CdTe solar cell // Thin solid films (2011) Vol. 519, 21, p. 7449-7452.

Johannes, I., Tiikma, L. Thermobituminization of Baltic oil shale // Advances in energy research. Volume 2. New York : Nova Science Publishers, 2011. p. 267-282.

* Junolainen, A., Oja Acik, I., Mikli, V., Krunks, M. Effect of titanium(IV)isopropoxide and acetylacetone molar ratio in the solution on spray deposited TiO₂ films // E-MRS 2011 Spring Meeting : program and book of abstracts. Symp. D : Nice, May 9-13, 2011. [S.l.] : EMRS, 2011. p. 18.

* Jöks, S., Klauson, D., Kritševskaja, M., Preis, S., Moiseev, A., Qi, F., Deubner, J., Weber, A. Gas-phase photocatalytic activity of nanostructured titanium dioxide from diffusion flame synthesis // Photocatalytic and Advanced Oxidation Technologies for Treatment of Water, Air, Soil and Surfaces (PAOT) : Gdansk, Poland, 4-8 July, 2011 : abstracts. Gdansk, 2011. p. 62.

Jöks, S., Kritševskaja, M., Preis, S. Gas-phase photocatalytic oxidation of acrylonitrile on sulphated TiO₂ : continuous flow and transient study // Catalysis letters (2011) Vol. 141, 2, p. 309-315.

* Järvi, O., Saarik, V., Osadchuk, I., Viirjoja, A., Kamenev, I. Influence of activated carbon on ozonation of phenolic wastewater // 20th IOA World Congress - 6th IUVA World Congress : Ozone and UV Leading-Edge Science and Technologies : Paris, France, 23-27 May 2011 : proceedings. [S.l.], 2011. p. VIII.2.11-1 - VIII.2.11-9.

Järvi, O., Viirjoja, A., Kamenev, S., Kamenev, I. Activated sludge process coupled with intermittent ozonation for sludge yield reduction and effluent water quality control // Journal of chemical technology and biotechnology (2011) Vol. 86, 7, p. 978-984.

Järvik, O., Viiroja, S., Kamenev, S., Kamenev, I. Biooksüdatsioon koos keemilise oksüdatsiooniga // XXXII Eesti Keemiapäevad : teaduskonverentsi teesid. Tartu : Tartu Ülikooli Kirjastus, 2011. lk. 30.

Kaev, J., Tretjakov, A., Lautner, G., Reut, J., Sõritski, V., Öpik, A., Gyurcsanyi, R.E., Rappich, J. Molekulaarselt jäljendatud poli(3,4-etàleendioksütiofeeni) mikrostruktuuride valmistamine mikrokiipidel // XXXII Eesti Keemiapäevad : teaduskonverentsi teesid. Tartu : Tartu Ülikooli Kirjastus, 2011. lk. 32.

Kaevand, T., Kalda, J., Kukk, V., Öpik, A., Lille, Ü. Correlation of the morphology and electrical conductivity in thin films of PEDT/PSS complex: an integrated meso-scale simulation study // Molecular simulation (2011) Vol. 37, 6, p. 495-502.

Kaljuvee, T., Keelmann, M., Trikkel, A., Kuusik, R. Thermooxidative decomposition of oil shales // Journal of thermal analysis and calorimetry (2011) Vol. 105, 2, p. 395-403.

Kallas, J. Meenutades eluteed // Emeriitprofessor Juha Kallas : bibliograafia. Tallinn, 2011. lk. 11-27.

Kann, J., Raukas, A. Kas meie kukersiitpõlevkivi sobib gaasistamiseks // Inseneeria (2011) 1, lk. 30-32.

Kaseleht, K., Leitner, E., Paalme, T. Determining aroma-active compounds in Kama flour using SPME-GC/MS and GC-olfactometry // Flavour and fragrance journal (2011) Vol. 26, 2, p. 122-128.

Kaseleht, K., Paalme, T., Mihhalevski, A., Sarand, I. Analysis of volatile compounds produced by different species of lactobacilli in rye sourdough using multiple headspace extraction // International journal of food science & technology (2011) Vol. 46, 9, p. 1940-1946.

Kaseleht, K., Paalme, T., Nisamedtinov, I. Quantitative analysis of acetaldehyde in foods consumed by children using SPME/GC-MS(Tof), on-fiber derivatization and deuterated acetaldehyde as an internal standard // Agronomy research (2011) Vol. 9, S2, p. 395-401.

Katerski, A., Krunks, M. Pihustatud vaskindiumdisulfiid kilede keemiline koostis // XXXII Eesti Keemiapäevad : teaduskonverentsi teesid. Tartu : Tartu Ülikooli Kirjastus, 2011. lk. 39.

Kauk, M., Muska, K., Altosaar, M., Raudoja, J., Pilvet, M., Varema, T., Timmo, K., Volobujeva, O. Effects of sulphur and tin disulphide vapour treatments of Cu₂ZnSnS(Se)₄ absorber materials for monograin solar cells // Energy procedia (2011) Vol. 10, p. 197-202.

Kirs, E., Pall, R., Martverk, K., Laos, K. Physicochemical and melissopolynological characterization of Estonian summer honeys // Procedia food science (2011) Vol. 1, p. 616-624.

Kirss, H., Kuus, M., Siimer, E. Isobaric vapor-liquid equilibria of the ternary system pentan-1-ol + pentyl acetate + nonane // *Journal of chemical and engineering data* (2011) Vol. 56, 3, p. 601-605.

Klavina, I., Kaljuvee, T., Timmo, K., Raudoja, J., Traksmäa, R., Altosaar, M., Meissner, D. Study of Cu₂ZnSnSe₄ monograin formation in molten KI starting from binary chalcogenides // *Thin solid films* (2011) Vol. 519, p. 7399-7402.

Klesment, T., Stekolštšikova, J., Laos, K. The influence of hydrocolloids on storage quality of 10% dairy fat ice cream // *Agronomy research* (2011) Vol. 9, S2, p. 403-408.

Klimova, I., Kaljuvee, T., Trikkel, A. Influence of lime-containing additives on the thermal behaviour of urea // 1st Central and Eastern European Conference on Thermal Analysis and Calorimetry (CEEC-TAC1), 7-10 September 2011, Craiova, Romania : book of abstracts. [S.l., 2011]. p. 361.

Klimova, I., Kaljuvee, T., Türn, L., Bender, V., Trikkel, A., Kuusik, R. Interactions of ammonium nitrate with different additives : thermodynamic analysis // *Journal of thermal analysis and calorimetry* (2011) Vol. 105, 1, p. 13-26.

Kois, J., Bereznev, S., Volobujeva, O., Gurevits, J., Mellikov, E. Electrocrystallization of CdSe from aqueous electrolytes : structural arrangement from thin films to self-assembled nanowires // *Journal of crystal growth* (2011) Vol. 320, 1, p. 9-12.

Koppel, K., Chambers IV, E., Chambers, D.H. Flavour and acceptance of Estonian cheeses // *Agronomy research* (2011) Vol. 9, S2, p. 409-414.

Koppel, K., Timberg, L., Salumets, A., Paalme, T. Possibility for a strawberry jam sensory standard // *Journal of sensory studies* (2011) Vol. 26, 1, p. 71-80.

Krichevskaya, M., Klauson, D., Portjanskaja, E., Preis, S. The cost evaluation of advanced oxidation processes in laboratory and pilot-scale experiments // *Ozone : science & engineering* (2011) Vol. 33, p. 211-223.

Kropman, D., Kärner, T., Dolgov, S., Heinmaa, I., Laas, T., Londos, C.A. Interaction of point defects with impurities in the Si-SiO₂ system and its influence on the interface properties // *Physica status solidi (c)* (2011) Vol. 8, 3, p. 694-696.

Kropman, D., Mellikov, E., Kärner, T., Heinmaa, I., Laas, T., Londos, C.A., Misiuk, A. Interaction of point defects with impurities in the Si-SiO₂ system and its influence on the interface properties // *Solid state phenomena* (2011) Vol. 178/179, p. 263-266.

Kropman, D., Mellikov, E., Kärner, T., Laas, T., Medvid, A., Onufrijevs, P., Dauksta, E. Stress relaxation mechanism by strain in the Si-SiO₂ system and its influence on the interface properties // *Solid state phenomena* (2011) Vol. 178/179, p. 259-262.

Krumme, A., Basiura, M., Pijpers, T., Vanden Poel, G., Heinz, L.-C., Brüll, R., Mathot, V. A new route for evaluating short chain branching distribution of high

density polyethylene by measuring crystallizability of molar mass fractions // *Materials science = Medžiagotyra* (2011) Vol. 17, 3, p. 260-265.

Krunks, M. Thin films by chemical spray pyrolysis for photovoltaic applications // 1st Central and Eastern European Conference on Thermal Analysis and Calorimetry (CEEC-TAC1), 7-10 September 2011, Craiova, Romania : book of abstracts. [S.l., 2011]. p. 43.

* Krunks, M. Nanostructured solar cells on ZnO nanorods by chemical spray // *Book of Abstracts of 2nd Semiconductor Sensitized Solar Cells Conference : September 18th-20th, 2011, Mallorca, Spain.* [S.l.] : Society for Nonmolecular Photovoltaics, 2011. p. A2.4.

Krunks, M. New concepts and materials for sustainable photovoltaics // *SustainChem2011 : International Conference on Materials and Technologies for Green Chemistry jointly with Workshop of COST Action CM0903 (UBIOCHEM-II) : September 5-9, 2011, Tallinn, Estonia : abstract book and program.* [Tallinn] : Tallinn University of Technology, [2011]. p. 24.

Kuusik, R., Kaljuvee, T., Triikkel, A. Uurimusi happeliste gaaside emissiooni piiramiseks energeetikas // *Tallinna Tehnikaülikooli aastaraamat 2010.* [Tallinn] : TTÜ kirjastus, c2011. lk. 185-202.

Käkinen, A., Blinova, I., Ivask, A., Kasemets, K., Bitjukova, L., Aruoja, V., Kurvet, I., Mortimer, M., Bondarenko, O., Sihtmäe, M., Kahru, A. Narva elektri- jaamade tuhaheitmete keskkonnamõjud : kombineeritud geokeemiline ja ökotoksikoloogiline uuring // *XXXII Eesti Keemiapäevad : teaduskonverentsi teesid.* Tartu : Tartu Ülikooli Kirjastus, 2011. lk. 53.

Kärber, E., Katerski, A., Oja Acik, I., Mikli, V., Mere, A., Krunks, M. Effect of H₂S treatment on properties of CuInS₂ thin films deposited by chemical spray pyrolysis at low temperature // *Thin solid films* (2011) Vol. 519, 21, p. 7180-7183.

Kütt, M.-L., Malbe, M., Stagsted, J. Nanostructure-assisted laser desorption/ionization (NALDI) for analysis of peptides in milk and colostrum // *Agronomy research* (2011) Vol. 9, S2, p. 415-430.

Laos, K., Kirs, E., Pall, R., Martverk, K. The crystallization behaviour of Estonian honeys // *Agronomy research* (2011) Vol. 9, S2, p. 427-432.

Lautner, G., Kaev, J., Reut, J., Öpik, A., Rappich, J., Syritski, V., Gyurcsányi, R.E. Selective artificial receptors based on micropatterned surface-imprinted polymers for label-free detection of proteins by SPR imaging // *Advanced functional materials* (2011) Vol. 21, 3, p. 591-597.

Leinemann, I., Kaljuvee, T., Tõnsuaadu, K., Öpik, A., Altosaar, M., Meissner, D. Application of differential thermal analysis for enthalpy evaluation of reactions during Copper Zinc Tin Selenide synthesis process // 1st Central and Eastern European Conference on Thermal Analysis and Calorimetry (CEEC-TAC1), 7-10 September 2011, Craiova, Romania : book of abstracts. [S.l., 2011]. p. 259.

* Leinemann, I., Raudoja, J., Grossberg, M., Traksmaa, R., Kaljuvee, T., Altosaar, M., Meissner, D. Comparison of copper zinc tin selenide formation in molten potassium iodide and sodium iodide as flux materials // Conference proceedings of the Conference of Young Scientists on Energy Issues : Kaunas, Lithuania, 27-28 May, 2010. [Kaunas], 2011. [8] p.

Liebert, T. Külmutatud köögiviljad // Üks (2011) aprill/mai, lk. 117.

Liebert, T. Puu- ja köögiviljad tavamenüüsse! // Tervis Pluss (2011) 5, lk. 74.

Liebert, T. Kasulik kalamaksaõli // Üks (2011) okt./nov., lk. 117.

Luckert, F., Hamilton, D.I., Yakushev, M.V., Beattie, N.S., Zoppi, G., Moynihan, M., Forbes, I., Karotki, A.V., Mudryi, A.V., Grossberg, M., Krustok, J., Martin, R.W. Optical properties of high quality Cu₂ZnSnSe₄ thin films // Applied physics letters (2011) Vol. 99, Iss. 6, p. 062104 [3] p.

Luik, H. Supercritical extraction of the Estonian kukersite oil shale // Advances in energy research. Volume 2. New York : Nova Science Publishers, 2011. p. 283-298.

Maiera, E., Ratha, T., Haas, W., Werzer, O., Saf, R., Hofer, F., Meissner, D., Volobujeva, O., Bereznev, S., Mellikov, E., Amenitsch, H., Resel, R., Trimmel, G. CuInS₂-Poly(3-(ethyl-4-butanoate)thiophene) nanocomposite solar cells : preparation by an in situ formation route, performance and stability issues // Solar energy materials and solar cells (2011) Vol. 95, Iss. 5, p. 1354-1361.

Maticiu, N., Potlog, T., Hiie, J. Vesinikus lõõmutamise mõju CdS kilede omadustele // XXXII Eesti Keemiapäevad : teaduskonverentsi teesid. Tartu : Tartu Ülikooli Kirjastus, 2011. lk. 61.

Maticiu, N., Hiie, J., Potlog, T., Valdna, V., Gavrilov, A. Influence of annealing in H₂ atmosphere on the electrical properties of thin film CdS // MRS proceedings (2011) Vol. 1324, p. d14-05.

Melin, J.K., Mudassar, H.R., Hurme, M., Koskinen, J., Kallas, J. Chemicals and lignin from black liquor by a wet oxidation process // SustainChem2011 : International Conference on Materials and Technologies for Green Chemistry jointly with Workshop of COST Action CM0903 (UBIOCHEM-II) : September 5-9, 2011, Tallinn, Estonia : abstract book and program. [Tallinn] : Tallinn University of Technology, c2011. p. 154.

Mellikov, E., Altosaar, M., Raudoja, J., Timmo, K., Volobujeva, O., Kauk, M., Krustok, J., Varema, T., Grossberg, M., Danilson, M., Muska, K., Ernits, K., Lehner, F., Meissner, D. Cu₂(Zn_xSn_{2-x})(SySe_{1-y})₄ monograin materials for photovoltaics // Materials Challenges in Alternative and Renewable Energy. [S.l.] : Wiley, 2011. p. 137-142. (Ceramic transactions ; 224).

Mellikov, E., Meissner, D., Altosaar, M., Kauk, M., Krustok, J., Öpik, A., Volobujeva, O., Iljina, J., Timmo, K., Klavina, J., Raudoja, J., Grossberg, M., Varema, T., Muska, K., Ganchev, M., Bereznev, S., Danilson, M. CZTS monograin powders and thin films // Advanced materials research (2011) Vol. 222, 8, p. 8-13.

- Mellikov, E., Öpik, A., Lust, E., Jänes, A. Energy materials // Research in Estonia : present and future. Tallinn : Estonian Academy of Sciences, 2011. p. 120-145.
- Munter, R. India veeprobleemid puutuvad nüüd ka Euroopa Liitu // Tallinna Tehnikailikooli aastaraamat 2010. [Tallinn] : TTÜ kirjastus, c2011. lk. 283-287.
- Munter, R. Innovaatiline peepoo köidab lihtsusega : [kommenteerib Rein Munter] // Horisont (2011) 1, lk. 3.
- Munter, R. Osoon, UV-kiirgus ja süvaoksidatsioon – lahendusi tänapäeva aktuaalsetele keskkonnaprobleemidele // Keskkonnatehnika (2011) 5, lk. 14-15.
- * Munter, R. Static mixers for ozonation of water // 20th IOA World Congress - 6th IUVA World Congress : Ozone and UV Leading-Edge Science and Technologies : Paris, France, 23-27 May 2011 : proceedings. [S.l.], 2011. p. 502-518.
- Munter, R., Kriipsalu, M. India veeprobleemid puutuvad nüüd ka Euroopa Liitu // Keskkonnatehnika (2011) 1, lk. 9-11.
- Muska, K., Kauk, M., Altosaar, M., Pilvet, M., Grossberg, M., Volobujeva, O. Synthesis of Cu₂ZnSnS₄ monograin powders with different compositions // Energy procedia (2011) Vol. 10, p. 203-207.
- Muska, K., Kauk, M., Grossberg, M., Altosaar, M., Raudoja, J., Volobujeva, O. Influence of compositional deviations on the properties of Cu₂ZnSnSe₄ monograin powders // Energy procedia (2011) Vol. 10, p. 323-327.
- Nahku, R., Peebo, K., Valgepea, K., Barrick, J.E., Adamberg, K., Vilu, R. Stock culture heterogeneity rather than new mutational variation complicates short-term cell physiology studies of Escherichia coli K-12 MG1655 in continuous culture // Microbiology (2011) Vol. 157, 9, p. 2604-2610.
- Nisamedtinov, I., Kevvai, K., Orumets, K., Arike, L., Sarand, I., Korhola, M., Paalme, T. Metabolic changes underlying the higher accumulation of glutathione in Saccharomyces cerevisiae mutants // Applied microbiology and biotechnology (2011) Vol. 89, 4, p. 1029-1037.
- Oja, V., Elenurm, A. Energeetika : põlevkiviõli ehk mitte ainult juhtmeid pidi põlevkivi küljes // Horisont (2011) 4, lk. 34-39.
- Otto, K., Bombicz, P., Madarasz, J., Oja Acik, I., Krunks, M., Pokol, G. Structure and evolved gas analyses (TG/DTA-MS and TG-FTIR) of mer-trichlorotris(thiourea)-indium(III), a precursor for indium sulfide thin films // Journal of thermal analysis and calorimetry (2011) Vol. 105, 1, p. 83-91.
- Otto, K., Katerski, A., Mere, A., Volobujeva, O., Krunks, M. Spray pyrolysis deposition of indium sulphide thin films // Thin solid films (2011) Vol. 519, 10, p. 3055-3060.
- Otto, K., Katerski, A., Volobujeva, O., Mere, A., Krunks, M. Indium sulfide thin films deposited by chemical spray of aqueous and alcoholic solutions // Energy procedia (2011) Vol. 3, p. 63-69.

Otto, K., Oja Acik, I., Tõnsuaadu, K., Krunks, M. In2S3 kilede moodustumine pihustuspürolüüsi protsessis : termoanalüütiline uuring // XXXII Eesti Keemiapäevad : teaduskonverentsi teesid. Tartu : Tartu Ülikooli Kirjastus, 2011. lk. 70.

Otto, K., Oja Acik, I., Tõnsuaadu, K., Mere, A., Krunks, M. Thermoanalytical study of precursors for In2S3 thin films deposited by spray pyrolysis // Journal of thermal analysis and calorimetry (2011) Vol. 105, 2, p. 615-623.

Pitsi, T. Tasakaalustatud ja tasakaalukas toitumine // Maa ressursid. Tartu : Eesti Looduseuurijate Selts, 2011. lk. 43. (Schola geologica ; 7).

Pitsi, T. Tervislik ja tõhus kaalulangetamine // Kodutohter (2011) 1, lk. 58-61.

Poltimäe, T., Tarasova, E., Krumme, A., Roots, J., Viikna, A. Thermal analyses of blends of hyperbranched linear low-density polyethylene (LLDPE) with high-density polyethylene and LLDPE prepared by dissolving method // Materials science = Medžiagotyra (2011) Vol. 17, 3, p. 254-259.

Päsik, A., Jagomägi, A., Mõttus, E. Ehitisintegreeritud fotoelektriliste päikese-paneelide tootlikkus ja majanduslik tasuvus Eesti kliimas aastal 2011 // TEUK XIII : taastuvate energiaallikate uurimine ja kasutamine : kolmeteistkümnenda konverentsi kogumik : [10. november 2011, Tartu]. Tartu : Eesti Maaülikool, 2011. lk. 37-48.

Raadik, T., Krustok, J., Yakushev, M.V. Photoreflectance study of AgGaTe2 single crystals // Physica B : condensed matter (2011) Vol. 406, 3, p. 418-420.

Roots, O., Kiviranta, H., Pitsi, T., Rantakokko, P., Ruokojärvi, P., Simm, M., Vokk, R., Järv, L. Monitoring of polychlorinated dibenzo-p-dioxins, polychlorinated dibenzofurans, and polychlorinated biphenyls in Estonian food // Proceedings of the Estonian Academy of Sciences (2011) Vol. 60, 3, p. 193-200.

Salmimies, R., Mannila, M., Kallas, J., Häkkinen, A. Acidic dissolution of magnetite : experimental study on the effects of acid concentration and temperature // Clays and clay minerals (2011) Vol. 59, 2, p. 136-146.

* Savest, N., Oja, V. Heat capacities of kukersite oil shale in comparison with available data of other oil shales // 19th European Conference on Thermophysical Properties : Thessaloniki, Greece, August 28-September 1. [S.l.], 2011. p. 287.

Savolainen, M., Huhtanen, M., Häkkinen, A., Ekberg, B., Hindström, R., Kallas, J. Development of testing procedure for ceramic disc filters // Minerals engineering (2011) Vol. 24, 8, p. 876-885.

Shumigin, D., Tarasova, E., Krumme, A., Meier, P. Rheological and mechanical properties of poly(lactic) acid/cellulose and LDPE/cellulose composites // Materials science = Medžiagotyra (2011) Vol. 17, 1, p. 32-37.

Sihtmäe, M., Blinova, I., Aruoja, V., Kahru, A. E-SovTox : veebipõhine andmebaas venekeelses teaduskirjanduses publitseeritud kemikaalide (öko)toksikoloogia-alaste andmete kohta // XXXII Eesti Keemiapäevad : teaduskonverentsi teesid. Tartu : Tartu Ülikooli Kirjastus, 2011. lk. 93.

* Siimer, K., Süld, T.-M., Kaljuvee, T., Christjanson, P., Pehk, T. Changes in thermal behaviour of aminoresins at storage // Program & abstracts of the 27th Annual Meeting of The Polymer Processing Society - PPS-27 : Marrakech, Morocco, May 10-14, 2011. Marrakech : Institute of Nanomaterials and Nanotechnology, 2011. p. P-13-1250.

Sokolova, J., Tiikma, L., Bitjukov, M., Johannes, I. Ageing of kukersite thermo-bitumen // Oil shale (2011) Vol. 28, 1, p. 4-18.

Stoyanova-Ivanova, A., Staneva, A., Shoumarova, J., Blagoev, B., Zaleski, A., Mikli, V., Dimitriev, Y. Microstructure and superconductivity of bulk BPSCCO/LPMO composite // Philosophical magazine letters (2011) Vol. 91, 3, p. 190-199.

* Sõritski, V., Lautner, G., Kaev, J., Reut, J., Menaker, A., Öpik, A., Gyurcsanyi, R.E., Rappich, J. Surface-imprinted poly-3,4-ethylenedioxythiophene : a new material for preparation of selective artificial receptors // 43rd IUPAC World Chemistry Congress : San Juan, Puerto Rico, July 31st-August 5th : program and abstracts. [S.l.], 2011. p. 362.

Šogenova, A., Šogenov, K., Vaher, R., Ivask, J., Sliapura, S., Vangkilde-Pedersen, T., Uibu, M., Kuusik, R. CO₂ geological storage capacity analysis in Estonia and neighbouring regions // Energy procedia (2011) Vol. 4, p. 2785-2792.

* Šumigin, D., Tarasova, E., Krumme, A., Meier, P. Influence of cellulose content on rheological and mechanical properties of poly(lactic) acid/cellulose and low-density polyethylene/cellulose composites // 11th International Conference on Wood & Biofiber Plastic Composites & Nanotechnology in Wood Composites Symposium, May 16-18, Madison, USA. [S.l.], 2011. p. 51.

Tarasova, E., Poltimäe, T., Krumme, A., Lehtinen, A., Viikna, A. Triple crystallization behavior of fractionated ethylene/ α -olefin copolymers of different catalyst type // Journal of polymer research (2011) Vol. 18, 2, p. 207-216.

Timberg, L., Koppel, K., Kuldjäär, R., Paalme, T. Sensory and chemical properties of Baltic Sprat (*Sprattus sprattus balticus*) and Baltic Herring (*Clupea harengus membras*) in different catching seasons // Agronomy research (2011) Vol. 9, S2, p. 489-494.

Timberg, L., Kuldjäär, R., Koppel, K., Paalme, T. Rainbow trout composition and fatty acid content in Estonia // Agronomy research (2011) Vol. 9, S2, p. 495-500.

Tomson, T. Päikeseenergeetika maailmakongress ISES SWC 2011 peeti Kasselis // Keskkonnatehnika (2011) 6, lk. 24-25.

* Tomson, T. Selection tool and its usage // Proceedings of SWC-2011/ISES Solar World Congress : Kassel, Germany, 28 August -2 September 2011. [S.l.] : ISES, 2011. [10] p., <http://cms.swc2011.org/.....ID16949>.

Tomson, T., Hansen, M. Dynamic properties of clouds Cumulus humilis and Cumulus fractus extracted by solar radiation measurements // Theoretical and applied climatology (2011) Vol. 106, 1/2, p. 171-177.

* Tuvikene, R., Matsukawa, S., Ogawa, H., Robal, M., Truus, K., Volobujeva, O., Mellikov, E. Characterization of polysaccharide gels by gradient NMR and microscopy methods : a comparative study // IUPAC International Congress on Analytical Sciences 2011 : 22-26 May 2011, Kyoto, Japan. [Kyoto] : ICAS 2011 Organizing Committee, 2011. p. 23P195.

Tõnsuaadu, K., Kaljuvee, T., Petkova, V., Traksmaa, R., Bender, V., Kirsimäe, K. Impact of mechanical activation on physical and chemical properties of phosphorite concentrates // International journal of mineral processing (2011) vol. 100, 3/4, p. 104-109.

Tõnsuaadu, K., Peld, M., Mikli, V., Traksmaa, R. Thermal analysis of synthetic biomimic apatites // 1st Central and Eastern European Conference on Thermal Analysis and Calorimetry (CEEC-TAC1), 7-10 September 2011, Craiova, Romania : book of abstracts. [S.l., 2011]. p. 260.

Tõnsuaadu, K., Zalga, A., Beganskiene, A., Kareiva, A. Thermoanalytical study of the YSZ precursors prepared by aqueous sol-gel synthesis route // 1st Central and Eastern European Conference on Thermal Analysis and Calorimetry (CEEC-TAC1), 7-10 September 2011, Craiova, Romania : book of abstracts. [S.l., 2011]. p. 261.

Uibu, M., Kuusik, R., Andreas, L., Kirsimäe, K. The CO₂-binding by Ca-Mg-silicates in direct aqueous carbonation of oil shale ash and steel slag // Energy procedia (2011) Vol. 4, p. 925-932.

Uibu, M., Velts, O., Kuusik, R. Aqueous carbonation of oil shale wastes from Estonian power production for CO₂ fixation and PCC production // CYSENI 2011 : the 8th Annual International Conference of Young Scientist on Energy Issues, May 26-27, 2011, Kaunas, Lithuania : conference proceedings. [S.l.], 2011. p. 415-424.

Uibu, M., Velts, O., Kuusik, R. Eesti põlevkivienergeetikas tekkivate tahkjäätmete märgkarboniseerimine SO₂ emissiooni vähendamiseks ning SKK saamiseks // XXXII Eesti Keemiapäevad : teaduskonverentsi teesid. Tartu : Tartu Ülikooli Kirjastus, 2011. lk. 103.

Valdna, V., Grossberg, M., Hiie, J., Kallavus, U., Mikli, V., Raadik, T., Traksmaa, R., Viljus, M. ZnCdSeTe semiconductor compounds : preparation and properties // MRS proceedings (2011) Vol. 1341, p. u07-15.

* Vanden Poel, G., Sargsyan, A., Mathot, V., Van Assche, G., Wurm, A., Schick, C., Krumme, A., Zhou, D. Recommendation for temperature calibration of fast scanning calorimeters (FSCs) for sample mass and scan rate // DIN (Deutsches Institut für Normung) SPEC 91127:2011-06. Berlin : Beuth Verlag GmbH, 2011. p. 1-37.

Veiderma, M. Viis küsimust akadeemik Mihkel Veidermale // Aastaraamat 2010 / Eesti Kodu-Uurimise Selts, Eesti Muinsuskaitse Selts, Eesti Genealoogia Selts. [Tallinn] : TEA, c2011. lk. 8-9.

Velts, O., Uibu, M., Kallas, J., Kuusik, R. Calcium carbonate crystallization on the basis of waste oil shale ash leachates // ISIC 18 : 18th International Symposium on

Industrial Crystallization : book of abstracts, 13-16 September 2011, Zurich, Switzerland. [S.l.], 2011. p. 501.

Velts, O., Uibu, M., Kallas, J., Kuusik, R. CO₂ mineral trapping : modeling of calcium carbonate precipitation in a semi-batch reactor // Energy procedia (2011) Vol. 4, p. 771-778.

Velts, O., Uibu, M., Kallas, J., Kuusik, R. Co-utilization of CO₂ and waste oil shale ash to produce calcium carbonate // 11th International Conference on Carbon Dioxide Utilization (ICCDU XI), June 27-30, 2011, Dijon, France : programm & abstracts. [S.l., 2011]. p. P133.

Velts, O., Uibu, M., Kallas, J., Kuusik, R. Edusammud põlevkivituha uudsete rakenduste väljatöötamises // XXXII Eesti Keemiapäevad : teaduskonverentsi teesid. Tartu : Tartu Ülikooli Kirjastus, 2011. lk. 107.

Velts, O., Uibu, M., Kallas, J., Kuusik, R. Prospects in waste oil shale ash sustainable valorization // World Academy of Science, Engineering and Technology (2011) Vol. 76, p. 451-455.

Velts, O., Uibu, M., Kallas, J., Kuusik, R. Waste oil shale ash as a novel source of calcium for precipitated calcium carbonate : carbonation mechanism, modeling, and product characterization // Journal of hazardous materials (2011) Vol. 195, p. 139-146.

Viipsi, K., Kaju, K., Tõnsuaadu, K., Shchukarev, A. Cd(II) ja Zn(II) eraldamine vesilahusest hüdroksüül- ja fluoropatiidiga EDTA juuresolekul // XXXII Eesti Keemiapäevad : teaduskonverentsi teesid. Tartu : Tartu Ülikooli Kirjastus, 2011. lk. 110.

Viipsi, K., Tõnsuaadu, K. Cd²⁺ and Zn²⁺ sorption on hydroxyapatite in the presence of EDTA in aqueous solution in equilibrium state // SETAC Europe 21st Annual Meeting Ecosystem Protection in a Sustainable World : a Challenge for Science and Regulation, Milan, 15-19 May 2011 : abstract book. [S.l.], c2011. p. 129-130.

Viipsi, K., Tõnsuaadu, K., Shchukarev, A. Hydroxy- and fluorapatite as a sorbents in Cd(II) - Zn(II) multicomponent solution in the presence of EDTA // 6th ISMOM : International Symposium of Interactions of Soil Minerals with Organic Components and Microorganisms; 3rd InterCongress of Commission 2.5 IUSS Soil chemical, physical and biological interfacial reactions, 26th June - 1st July 2011, Montpellier, France : conference proceedings, book of abstracts. [S.l., 2011]. [1] p.

Viisimaa, M., Veressinina, J., Goi, A. Enhanced degradation of polychlorinated biphenyls in soil by hydrogen peroxide, persulfate and ozone // 20th IOA World Congress - 6th IUVA World Congress : Ozone and UV Leading-Edge Science and Technologies : Paris, France, 23-27 May 2011 : proceedings. [S.l.], 2011. p. I.5.10-1 - I.5.10-10.

Viisimaa, M., Veressinina, J., Goi, A. Polüklooritud bifenüülidega saastatud pinnase töötlemine vesinikperoksiidi, persulfaadi ja osooniga // XXXII Eesti Keemiapäevad : teaduskonverentsi teesid. Tartu : Tartu Ülikooli Kirjastus, 2011. lk. 112.

MAJANDUSTEADUSKOND

Vokk, R. Rikkaliku koostisega köögivili // Tervis Pluss (2011) 6, lk. 68.

Vokk, R., Lõugas, T., Mets, K., Kravets, M. Dill (*Anethum graveolens* L.) and Parsley (*Petroselinum crispum* (Mill.) Fuss) from Estonia : seasonal differences in essential oil composition // *Agronomy research* (2011) Vol. 9, S2, p. 515-520.

Volobujeva, O., Mellikov, E., Bereznev, S., Raudoja, J., Öpik, A., Raadik, T. Cu₂ZnSnSe₄ thin films produced by selenization of Cu-Zn-Sn composition precursor films // *Materials Challenges in Alternative and Renewable Energy*. [S.l.] : Wiley, 2011. p. 257-263. (Ceramic transactions ; 224).

Yanik, J., Secim, P., Karakaya, S., Tiikma, L., Luik, H., Krasulina, J., Raik, P., Palu, V. Low-temperature pyrolysis and co-pyrolysis of Göynük oil shale and terebinth berries (Turkey) in an autoclave // *Oil shale* (2011) Vol. 28, 4, p. 469-486.

MAJANDUSTEADUSKOND

Raamatud

Alver, J. (ed.). *Business analysis, accounting, taxes and auditing*. Tallinn : Tallinn University of Technology, 2011. 465 p.

Alver, J., Alver, L. *Majandusarvestus ja rahandus : leksikon. 1, A-L*. [Tallinn] : Deebet, c2011. 709 lk.

Alver, J., Alver, L. *Majandusarvestus ja rahandus : leksikon. 2, M-Y*. [Tallinn] : Deebet, c2011. 709 lk.

Cuestas, J.C., Staehr, K. Fiscal shocks and budget balance persistence in the EU countries from Central and Eastern Europe. [Tallinn] : Eesti Pank, 2011. 20, [5] p. (Working paper series / Eesti Pank ; 8/2011).

Dabušinskas, A., Rõõm, T. Survey evidence on wage and price setting in Estonia. [Tallinn] : Eesti Pank, 2011. 89 p. (Working paper series / Eesti Pank ; 6/2011).

Kadak, T. Creation of a supportive model for designing and improving the performance management system of an organisation. Case studies. Tallinn : TTÜ kirjastus, 2011. 220 p. (Theses of Tallinn University of Technology. H, Thesis on economics ; 19).

Kallion, M. *Pangandusõigus : valitud loengud*. Tallinn : Kivnurme, 2011. 59 lk.

Kallion, M. *Äriõigus : lisamaterjal õppeainele*. Tallinn : TTÜ Tallinna Kolledž, 2011. 79 lk.

Karhunen, P., Narits, N., Arvola, K., Küttem, M., Venesaar, U., Mets, T., Raudsaar, M., Uba, L., Sauka, A. Creative entrepreneurs' perceptions about entrepreneurial education. Helsinki : Aalto University, 2011. 57 p. (Aalto University publication series Business + Economy 10/2011).

Karhunen, P., Narits, N., Arvola, K., Küttem, M., Venesaar, U., Mets, T., Raudsaar, M., Uba, L., Sauka, A. Perceptions of entrepreneurship among future creative professionals : results of a survey for university students in Finland, Estonia and Latvia. Helsinki : Aalto University, 2011. 59 p. (Aalto University publication series Business + Economy 9/2011).

Kirch, A., Mürsepp, P. (eds.). Baltic journal of European studies. Vol. 1, 2(10) September 2011. Tallinn : Tallinn University of Technology, 2011. 216 p.

Kiris, A., Kukrus, A., Oidermaa, E. Õiguse alused : tsiviil-, äri-, ehitus- ja karistus-õigus : ülesannete kogu. Tallinn : TTÜ kirjastus, 2011. 125 lk.

Kleesmaa, J. Economic instruments as tools for environmental regulation of electricity production in Estonia. Tallinn : TUT Press, 2011. 160 p. (Theses of Tallinn University of Technology. H, Thesis on economics ; 20).

Kolbre, E., Ilsjan, V. jt. (koost.). Vara hindamine. Osa 6, Hindamine laenamise eesmärgil. [Tallinn] : Eesti Standardikeskus, 2011. 17 lk. (Eesti standard ; EVS 875-6:2011).

Kolbre, E., Ilsjan, V. jt. (koost.). Vara hindamine. Osa 7, Hinnangu läbivaatus. [Tallinn] : Eesti Standardikeskus, 2011. 19 lk. (Eesti standard ; EVS 875-7:2011).

Kolbre, E., Ilsjan, V., Tiits, T., Tomson, A. (koost.). Vara hindamine. Osa 13, Keskkonnanriskide, maakasutuse piirangute ja looduskaitse arvestamine kinnisvara hindamisel. [Tallinn] : Eesti Standardikeskus, 2011. 36 lk. (Eesti standard; EVS 875-13:2011).

Kondor, K., Staehr, K. The impact of the global financial crisis on output performance across the European Union : vulnerability and resilience. [Tallinn] : Eesti Pank, 2011. 34, [2] p. (Working paper series / Eesti Pank ; 3/2011).

Kusch, T., Prause, G., Hunke, K. The East-West transport corridor and the shuttle train "VIKING". Wismar : Hochschule Wismar, 2011. 48 p. (Wismarer Diskussionspapiere ; 13/2011).

Laane, M.-A. (tlk.) EASE (Euroopa Teadustoimetajate Assotsiatsiooni) juhised inglise keeles publitseeritavate teadusartiklite autoritele ja tõlkijatele. [S.l.] : EASE, 2011. 6 lk.

Levin, A. Integreerimise põhivõtted. [Tallinn] : Argo, c2011. 71 lk.

Lumiste, R., Prause, G. Baltic States logistics and the East-West transport corridor. Wismar : Hochschule Wismar, 2011. 40 p. (Wismarer Diskussionspapiere ; Heft 10/2011).

Masso, J., Meriküll, J., Vahter, P. Gross profit taxation versus distributed profit taxation and firm performance : effects of Estonia's corporate income tax reform. Tallinn : Eesti Pank, 2011. 48 p. (Working Paper Series / Eesti Pank ; 2/2011).

Masso, J., Meriküll, J., Vahter, P. Gross profit taxation versus distributed profit taxation and firm performance : effects of Estonia's corporate income tax reform. Tartu : The University of Tartu FEBA, 2011. 33 p.

MAJANDUSTEADUSKOND

Meriküll, J. Labour market mobility during a recession : the case of Estonia. Tallinn : Eesti Pank, 2011. 41, [1] p. (Working paper series / Eesti Pank ; 1/2011).

Männasoo, K., Meriküll, J. How do demand fluctuations and credit constraints affect R&D? Evidence from Central, Southern and Eastern Europe. [Tallinn] : Eesti Pank, 2011. 32 p. (Working paper series / Eesti Pank ; 9/2011).

Männasoo, K., Meriküll, J. R&D in boom and bust : evidence from the World Bank financial crisis survey. [Tallinn] : Eesti Pank, 2011. 24 p. (Working paper series / Eesti Pank ; 7/2011).

Männasoo, K., Meriküll, J. R&D, demand fluctuations and credit constraints : comparative evidence from Europe. [Tallinn] : Eesti Pank, 2011. 33 p. (Working paper series / Eesti Pank ; 5/2011).

Mürsepp, P. (ed.) Baltic journal of European studies. Vol.1, 1(9) June 2011, Special issue: Selected papers of the 24th International Baltic Conference on the History of Science and the follow-up seminar. Tallinn : Tallinn University of Technology, 2011. 412 p.

Nikitina-Kalamäe, M. Finantsarvestuse aluste ülesannete kogu. Tallinn : Deebet, 2011. 74 lk.

Novikov, I. Credit risk determinants in the banking sectors of the Baltic States. Tallinn : TUT Press, 2011. 123 p. (Theses of Tallinn University of Technology. H, Thesis on economics ; 23).

Nutt, M. Eesti parlamendi pädevuse kujunemine ja rakendamine välissuhtlemises. Tallinn : TTÜ kirjastus, 2011. 329 lk. (Theses of Tallinn University of Technology. H, [Thesis on economics] ; 22).

Parts, O. The effects of cosmopolitanism on Estonian and Slovenian consumer choice behavior of foreign versus domestic products. Tallinn : TUT Press, 2011. 142 p. (Theses of Tallinn University of Technology. H, Thesis on economics ; 21).

Prause, G. (ed.). Baltic Business and Socio-Economic Development 2009 : 5th International Conference, Kalmar, Sweden, September 14-15, 2009. Bd. 3. Berlin : Berliner Wissenschafts-Verlag, c2011. VI, 283 p. (Regional business and socio-economic development ; Bd. 3).

Prause, G., Venesaar, U. (eds.). University – Business Cooperation, Tallinn 2011. Berlin : Berliner Wissenschafts-Verlag, 2011. 276 p.

Rõõm, T., Dabušinskas, A. How wages respond to shocks : asymmetry in the speed of adjustment. Frankfurt am Main : European Central Bank, 2011. 66 p. (Working Paper Series / European Central Bank ; 1340).

Rõõm, T., Dabušinskas, A. How wages respond to shocks : asymmetry in the speed of adjustment. [Tallinn] : Eesti Pank, 2011. 65 p. (Working paper series / Eesti Pank ; 4/2011).

Stankeviciene, J., Bivainis, J., Põlajeva, T. (eds.). Business, managment and education. 9. Vilnius : Technika, 2011. 157 p.

Ufnalska, S., De Castro, P., Wager, L., ... Laane, M.-A. jt. EASE guidelines for authors and translators of scientific articles to be published in English. [S.l.] : EASE, 2011. 16 p.

Wahl, M.F. Kapitaliühingute lõppomanike alusväärtuste ja tahte uurimine ning omanikkonna tüpoloogia konstrueerimine. Tallinn : TTÜ kirjastus, 2011. 186 lk. (Theses of Tallinn University of Technology. H, Thesis on economics ; 24).

Varrak, T. (koost. ja toim.). Poliitika, riigiteadus, rahvusvahelised suhted. Tallinn : Tallinna Tehnikaülikooli rahvusvaheliste suhete instituut, Tallinna Tehnikaülikooli kirjastus, 2011. 137 lk. (Poliitika, riigiteadus, rahvusvahelised suhted ; 3).

Venasaar, U. (ed.). Research in economics and business : Central and Eastern Europe. Vol. 3, 1. Tallinn : Tallinn University of Technology, 2011. 83 p.

Artiklid

Aarma, A., Коляева, И. Институциональные факторы формирования рынка недвижимости Эстонии // Актуальные проблемы управления экономикой региона : материалы VIII Всероссийской научно-практической конференции, 22 апреля 2011 г. Санкт-Петербург : СПбГИЭУ, 2011. с. 134-137.

Aarma, A., Vainu, J. Has the global economic affected the stability of Estonian banking? // Journal of international research publications : economy & business (2011) Vol. 6, p. 28-37.

Aasma, A. Factorable matrix transforms of summability domains of Cesaro matrices // International journal of contemporary mathematical sciences (2011) Vol. 6, 44, p. 2201-2206.

Aasma, A. Some classes of matrix transforms of summability fields of Cesaro and Riesz methods // Conference on Summability and Applications 2011 : Istanbul, May 12-13, 2011 : programme and book of abstracts. [Istanbul], 2011. p. 30.

Aasma, A. Some nonclassical methods for comparison of speeds of convergence of sequences // International Conference on Analysis and Its Applications (ICAA-11) : November 19-21, 2011, Aligarh (India) : abstracts. Aligarh, 2011. p. 23.

Alver, J. 70 years of Tallinn School of Economics and Business Administration and its Department of Accounting at Tallinn University of Technology // Business analysis, accounting, taxes and auditing. Tallinn, 2011. p. 7-11.

Alver, J. Faktuur ; Fama, Eugene ; Finantsanalüüs ; Finantsarvestus ; Finantseerimine ; Finantsjuhtimine ; Finantsvahendaja ; Finantsvõimendus ; Finantsõigus ; Firma ; Fondiemissioon ; Franko ; Frantsiis ; Futuur ; Füüsiline kapital ; Füüsilisest isikust ettevõtja ; Gantt diagramm ; Goldratt Eliyahu M. ; Greshami seadus // TEA entsüklopeedia. 7. köide, Faial-Haamer. Tallinn : TEA, 2011. lk. 7, 11, 62, 63, 65, 90, 122, 124, 155, 164, 197-198, 281, 319.

MAJANDUSTEADUSKOND

Alver, J. Sõna capital sisaldavate ingliskeelsete majandusterminite tõlkimisest eesti keelde // Emakeele Seltsi aastaraamat 2010. Tallinn : Teaduste Akadeemia Kirjastus, 2011. lk. 9-36.

Alver, J., Alver, L. Financial reporting in Estonia // Harmonization of SME's Financial Reporting in Emerging CEE Countries. [S.l.] : WSEAS, 2011. p. 71-103.

* Alver, J., Alver, L. Karl Inno – the most talented Estonian Professor of Accounting, Banking and Business Economics in 1930ties and 1940ties // Sokolov Reading : View from the Past to the Future. Volume 1. Saint Petersburg, 2011. p. 86-95.

* Alver, J., Alver, L. Karl Inno – the most talented Estonian Professor of Accounting, Banking and Business Economics in 1930ties and 1940ties // International Scientific Conference "Sokolov Reading" : View from the Past to the Future : Saint Petersburg, 10–11 February, 2011 : abstracts. Saint Petersburg, 2011. p. 35-36.

* Алвер, Я., Алвер, Л. Карл Инно самый талантливый эстонский профессор бухгалтерского учета банковского дела и бизнес экономики в 1930е и 1940е // Международная научная конференция "Соколовские чтения" : взгляд из прошлого в будущее : Санкт Петербург, 10–11 февраля, 2011 : тезисы докладов. Санкт Петербург, 2011. с. 32-33.

* Alver, J., Alver, L., Gourvitch, N. A conceptual model for the development of the accounting curriculum // 23rd Asian-Pacific Conference on International Accounting Issues : Beijing, China, October 16–19 : program and proceedings. Beijing, 2011. p. 119.

Alver, J., Alver, L., Praulinš, A. Financial reporting in Latvia // Harmonization of SME's Financial Reporting in Emerging CEE Countries. [S.l.] : WSEAS, 2011. p. 104-137.

Alver, J., Branten, M. Measurement and analysis of profitability in Estonian companies // Journal of international scientific publications : economy & business (2011) Vol. 5, 2, p. 160-174.

* Alver, J., Startseva, E. Development of business analysis in Estonia until 1991 : historical research // International Scientific Conference "Sokolov Reading" : View from the Past to the Future : Saint Petersburg, 10–11 February, 2011 : abstracts. Saint Petersburg, 2011. p. 142.

* Алвер, Я., Старцева, Е. О развитии экономического анализа в Эстонии до 1991 года : исторический обзор // Соколовские чтения : взгляд из прошлого в будущее. Том 2. Санкт Петербург, 2011. с. 369-391.

Alver, L. Faktooring ; FIFO-meetod ; Finantsinvesteering ; Finantsvaraobjekt ; Firmaväärtus ; Garantii ; Garantiikohustis // TEA entsüklopeedia. 7. köide, Faial-Haamer. Tallinn : TEA, 2011. lk. 7, 51, 63, 66, 198-199.

* Alver, L., Alver, J., Lumi, M. The analysis of accounting curricula : the Estonian case // Proceedings of International Academy of Business and Public Administration Disciplines (2011) Vol. 8, 3, p. 280-291.

Alver, L., Lumi, M. The quality of the accounting education on undergraduate and graduate level in Estonian universities // Journal of international scientific publications : educational alternatives (2011) Vol. 9, 1, p. 268-286.

Alver, L., Wiebelt, T. Thoughts come true : a long way towards new accounting standard // Business analysis, accounting, taxes and auditing. Tallinn, 2011. p. 20-25.

Anspal, S., Rõõm, T. (koost.). Sooline palgalõhe Eestis : empiiriline analüüs // Sooline palgalõhe Eestis : artiklite kogumik. Tallinn : Sotsiaalministeerium, 2011. lk. 27-66. (Sotsiaalministeeriumi toimetised ; nr. 2).

Avarmaa, M. Does leverage affect company growth in the Baltic countries? // 2011 International Conference on Economics Development and Research : IPEDR. Vol. 21. Singapore : IACSIT Press, 2011. p. 90-95.

Avarmaa, M., Hazak, A., Männasoo, K. Does leverage affect labour productivity? : a comparative study of local and multinational companies of the Baltic countries // Proceedings of the 8th International Conference on Applied Financial Economics. Vol. 1, Samos Island, Greece, 30 June - 02 July 2011. Athens : National and Kapodistrian University of Athens, 2011. p. 329-343.

Avarmaa, M., Hazak, A., Männasoo, K. Capital structure formation in multinational and local companies in the Baltic states // Baltic journal of economics (2011) Vol. 11, 1, p. 125-145.

Beifert, A., Prause, G. Logistic innovation networks in the Southern Baltic Sea Region // Baltic Business and Socio-Economic Development 2009 : 5th International Conference, Kalmar, Sweden, September 14-15, 2009. Berlin : Berliner Wissenschafts-Verlag, c2011. p. 3-17. (Regional business and socio-economic development ; Bd. 3).

* Братка, В., Праулиньш, А. Анализ процесса воспроизводства основных средств сельских хозяйств Латвии и Эстонии // III международная научно-практическая конференция "Учётно-аналитические инструменты развития инновационной экономики" : Астрахань, 9.04.2010. Астрахань, 2011.

* Братка, В., Праулиньш, А. Анализ тенденций изменения эффективности производственной деятельности сельских хозяйств Латвии на примере добавленной стоимости // International scientific conference "The Global Crisis and Economic Development" : 13-14.05.2010, Varna, Bulgaria. Varna : Varna University of Economics, 2011.

* Chochia, A., Ramiro Troitino, D. On the way to the EU - Georgia's perspectives // The Caucasus and the World (2011) Vol. 11, p. 50-60.

Cuestas, J.C., Gil-Alana, L.A., Staehr, K. A further investigation of unemployment persistence in European transition economies // Journal of comparative economics (2011) Vol. 39, 4, p. 514-532.

Danilova, O., Plotitsina, L., Koljajeva, I. The role of social business responsibility in development of local communities of modern Russia // Majandus ja kultuuri

MAJANDUSTEADUSKOND

ökoloogia kaasaegses linnas. Tallinn : [Eesti-Ameerika Äriakadeemia], 2011. lk. 53-70.

Dzielinski, M., Rieger, M.O., Talpsepp, T. Volatility asymmetry, news and private investors // The handbook of news analytics in finance. [S.l.] : John Wiley & Sons Ltd, 2011. p. 255-270.

Ehrlich, Ü. Juubeliaktus : avasõna // Tallinna Tehnikaülikooli aastaraamat 2010. [Tallinn] : TTÜ kirjastus, c2011. lk. 45-46.

Ehrlich, Ü. Kaks aastat dekaaniametis : tähelepanekuid ja tõdemusi TTÜ majandusteaduskonnast // Tallinna Tehnikaülikooli aastaraamat 2010. [Tallinn] : TTÜ kirjastus, c2011. lk. 21-24.

Ehrlich, Ü., Reimann, M. Hydropower or non-market values of nature : a contingent valuation study of Jägala Waterfalls, Estonia // Recent Researches in Energy, Environment, Devices, Systems, Communications and Computers : International Conference on Energy, Environment, Devices, Systems, Communications, Computers (EEDSCC'11) : Venice, Italy, March 8-10, 2011. [Venice] : WSEAS Press, 2011. p. 232-237.

Fainštein, G. The political economy of international tax governance. By Thomas Rixen : book review // The European legacy (2011) Vol. 16, 5, p. 681-682.

Fainštein, G., Lumiste, R., Matina, J. Interrelation between export and economic growth in Baltic States // Baltic Business and Socio-Economic Development 2009 : 5th International Conference, Kalmar, Sweden, September 14-15, 2009. Berlin : Berliner Wissenschafts-Verlag, c2011. p. 26-44. (Regional business and socio-economic development ; Bd. 3).

Fainštein, G., Netšunajev, A. Estonian intra-industry trade development in 1999-2007 // The economy and economics after crisis. Berlin : Berliner Wissenschafts-Verlag, 2011. p. 183-195.

Fainštein, G., Netšunajev, A. Intra-industry trade development in the Baltic states // Emerging markets finance and trade (2011) Vol. 47, Suppl. 3, p. 95-110.

* Fainštein, G., Novikov, I. Macroeconomics determinants of credit risk in Estonian banking sector // Роль финансово-кредитной системы в реализации приоритетных задач развития экономики : материалы 4(15)-й международной научной конференции : Санкт-Петербург, 17-18 февраля 2011 : сборник докладов. II. Санкт-Петербург : Издательство Санкт-Петербургского Государственного университета экономики и финансов, 2011. p. 45-48.

Fainštein, G., Novikov, I. The comparative analysis of credit risk determinants in the banking sector of the Baltic states // Review of economics & finance (2011) 3, p. 20-45.

Fainštein, G., Novikov, I. The role of macroeconomic determinants in credit risk measurement in transition country : Estonian example // International journal of transitions and innovation systems (2011) Vol. 1, 2, p. 117-137.

Filipozzi, F. Modelling the time-varying risk premium by using the Kalman filter : the Euro money market case // FindEcon Monograph Series : Advanced in Financial Market Analysis. Lodz : Lodz University Press, 2011. p. 127-140. (Financial markets : principles of modelling, forecasting, and decision making ; 9).

Filipozzi, F., Staehr, K. Uncovered interest parity in Central and Eastern Europe: convergence and the global financial crisis? [Electronic resource] // Doctoral Summer School 2011 : doctoral school in economics and innovation : 25-28 July 2011, Viinistu, Estonia. Tartu, 2011. [CD-ROM].

Grauberg, E., Kreitzberg, P., Müllerson, R., Mürsepp, P. jt. Kuhu lähed, Eesti kõrgharidus? : [vestlusring] // Haridus (2011) 2, lk. 17-22.

Gurvits, N., Sidorova, I. Survey of sustainability reporting, integrated into annual reports of Estonian companies for the years 2008-2010 : based on companies, listed on Tallinn stock exchange as of September 2011 // Business analysis, accounting, taxes and auditing. Tallinn, 2011. p. 79-83.

Haav, K. Poliitikaharidus Eesti koolides 1920-2010 // Riigikogu toimetised (2011) 24, lk. 135-142.

Leimann, J., Tepp, M., Habakuk, M., Vallner, U., Kokk, A. Mida ennustati alanud aasta kohta viis aastat tagasi? // Director (2011) 1, lk. 60-65.

Hazak, A. Central and Eastern European economies in the winds of change : guest editor's introduction // Eastern European economics (2011) Vol. 49, 5, p. 3-4.

* Hazak, A., Rannala, M. Negative equity as an indicator of company failure : theoretical considerations and an empirical study of Estonian companies // 2011 International Conference on Economics, Business and Marketing Management. [S.l.] : IEEE, 2011. p. 155-159.

Hazak, A., Venesaar, U. Guest editors' introduction // Emerging markets finance and trade (2011) Vol. 47, Suppl. 3, p. 3-4.

* Kadak, T. Contribution of PMS to strategy execution : case study // 6th Conference on Performance Measurement and Management Control : Nice, France, September 06-09, 2011. [S.l.] : EIASM, 2011.

* Kadak, T. Does efficiency of PMS influence organizational performance? Case study // 34th European Accounting Association Annual Congress : Rome, Italy, April 20-22, 2011. [S.l.] : EIASM, 2011.

Kadak, T. The parts of performance management systems and the components of parts : theoretical approach // Business analysis, accounting, taxes and auditing. Tallinn, 2011. p. 115-125.

* Kaidis, V., Tint, P., Tuulik, V. Prevention of physiological and psychological stress in a food retail chain in Estonia // Work, Stress, and Health 2011 : Work and Well-being in an Economic Context, May 19-22, 2011, Orlando : conference abstracts. [S.l.] : American Psychological Association, 2011. 1 p.

MAJANDUSTEADUSKOND

Kallakmaa, A., Kolbre, E. Estonian housing market : affordability problem and regulatory framework // ERES 2011 18th Annual Conference : Eindhoven (Netherlands), 15-18 June 2011 : book of abstracts. [S.l.], 2011. p. 106.

Kalle, E. Issues related to determination and classification of company productivity factors // Business analysis, accounting, taxes and auditing. Tallinn, 2011. p. 126-129.

Kalle, E. Ettevõtte tootlikkuse süsteemne kompleksanalüüs // Inseneeria (2011) 6, lk. 20-22.

Kalle, E. Majandusteaduskonna juubeliraamat // Tallinna Tehnikaülikooli aastaraamat 2010. [Tallinn] : TTÜ kirjastus, c2011. lk. 294-295.

Kalle, E. Majandusteaduskond 70 // Tallinna Tehnikaülikooli aastaraamat 2010. [Tallinn] : TTÜ kirjastus, c2011. lk. 47-50.

Kalle, E. Tootlikkuse juhtimine (4.9) // Juhi käsiraamat. Tallinn : Äripäeva kirjastus, 2011. 15 lk. (Äripäeva käsiraamat).

Kalle, E. Tootlikkuse suurendamise sõlmküsimused ettevõttes // Inseneeria (2011) 3, lk. 36-37.

Karabeškin, L. ; (tlk.) Varrak, T. Nõukogudejärgsete riikide välispoliitika tasakaalustamisest ja Venemaa reageeringust // Poliitika, riigiteadus, rahvusvahelised suhted (2011) 3, lk. 83-93.

Kellik, V., Org, A. Vildaka metodoloogia mõrud viljad // Majandus ja kultuuri ökoloogia kaasaegses linnas. Tallinn : [Eesti-Ameerika Äriakadeemia], 2011. lk. 325-327.

Kilvits, K. Kriis möödub, probleemid jäävad // Tallinna Tehnikaülikooli aastaraamat 2010. [Tallinn] : TTÜ kirjastus, c2011. lk. 271-274.

Kilvits, K. Manufacture after the crisis : the case of Estonia // The economy and economics after crisis. Berlin : Berliner Wissenschafts-Verlag, 2011. p. 335-348.

Kilvits, K. Pärast kriisi on Eesti majanduse struktuur efektiivsem // Inseneeria (2011) 1, lk. 40-41.

* Kilvits, K. Remapping the production space : the case of Estonian manufacturing // Space, Economy and Environment : Third Global Conference on Economic Geography 2011, June 28 - July 2, 2011, Seoul, Korea. Seoul : Seoul National University, 2011.

Kirch, A. Baltic States migration, 20th century to present // The Encyclopedia of Global Human Migration. 1. Oxford : Blackwell Publishing, 2011. p. 360-369.

Kirch, A., Mezentsev, V., Rodin, M. The human resources in Baltic Sea macro-region : facts, trends and potential risks to fulfilling the strategy 2020 targets // European integration and Baltic Sea region : diversity and perspectives. Riga : The University of Latvia, 2011. p. 533-543.

Kirch, A., Nezerenko, O., Mezentsev, V. Estonia and other countries of the Baltic Sea region as actors of development : conceptual approach // European integration studies (2011) 5, p. 199-204.

Kirsipuu, M. Pereettevõtte rollist Eesti majanduses // Eesti majanduspoliitilised väitlused : majanduspoliitika teooria ja praktika. 1. Berlin : Berliner Wissenschafts-Verlag GmbH ; Tallinn : Mattimar, 2011. lk. 37-42. (Eesti majanduspoliitilised väitlused ; 19).

Kirsipuu, M. The role of family business in Estonian economy [Electronic resource] // Eesti majanduspoliitilised väitlused : majanduspoliitika teooria ja praktika. 1. Berlin : Berliner Wissenschafts-Verlag GmbH ; Tallinn : Mattimar, 2011. lk. 50-68 [CD-ROM].

* Kitzmann, H., Hartsuk, O. Measuring company failure and success : the case Krebs OÜ // Материалы I Международного Конгресса по контроллингу. Москва, 2011. p. 46-50.

* Kleesmaa, J., Pädam, S., Ehrlich, Ü. Subsidising renewable electricity in Estonia // Energy and sustainability III. Southampton, UK : WIT Press, 2011. p. 229-241. (WIT Transactions on Ecology and the Environment ; 143).

Kokkoto, R. The influence of economic crisis on welfare in the Baltic States // Journal of international scientific publications : economy & business (2011) Vol. 5, 3, p. 190-201.

Kolbre, E., Kallakmaa, A. What kind of demands does a new real estate growth make on real estate quality in Estonia? // ERES 2011 18th Annual Conference : Eindhoven (Netherlands), 15-18 June 2011 : book of abstracts. [S.l.], 2011. p. 119.

Kolbre, E., Kallakmaa-Kapsta, A., Iisjan, V. Real estate quality assessment for valuation in the Estonian real estate market // University - Business Cooperation, Tallinn 2011. Berlin : Berliner Wissenschafts-Verlag, 2011. p. 197-213.

Коляева, И. Оценка социальной ответственности малого предпринимательства в городе Таллинне // Majandus ja kultuuri ökoloogia kaasaegses linnas. Tallinn : [Eesti-Ameerika Äriakadeemia], 2011. lk. 227-238.

Коляева, И. Эстонский опыт КСО // Современные корпоративные стратегии и технологии в России : сборник научных статей. Выпуск 6, часть 1. Корпоративная социальная ответственность: проблемы и перспективы. Москва : Финансовый университет, 2011. с. 56-63.

Коляева, И. Цикличность факторов рынка жилой недвижимости (на примере г. Таллинна) // Актуальные проблемы управления экономикой региона : материалы VIII Всероссийской научно-практической конференции, 22 апреля 2011 г. Санкт-Петербург : СПбГИЭУ, 2011. с. 137-140.

Koljajeva, I., Danilova, O. Social business responsibility and sustainably development : the prospects of modern Russia // Journal of international scientific publications : economy & business (2011) Vol. 5, Part 2, p. 69-83.

Коляева, И.В., Аарма, А. Оценка социальной ответственности банков на основе отчетности : на примере "Swedbank" // Роль финансово-кредитной системы в реализации приоритетных задач развития экономики : материалы 4(15)-ой международной научной конференции, 17-18 февраля 2011 года : сборник докладов. Том II. Санкт-Петербург : Издательство Санкт-Петербургского государственного университета экономики и финансов, 2011. с. 60-64.

Kondor, K., Staehr, K. The impact of the global financial crisis on output performance across the European Union : vulnerability and resilience // Financial and economic crisis : causes, consequences and the future. Bučovice, 2011. p. 128-158.

Koppel, T. Elektromagnetväljad – igapäevased mõjurid sisekeskkonnas // Keskkonnatehnika (2011) 6, lk. 26-27.

Kornilov, S., Põlajeva, T. Adopting value creation policy in economic shocks [Electronic resource] // Doctoral Summer School 2011 : doctoral school in economics and innovation : 25-28 July 2011, Viinistu, Estonia. Tartu, 2011. [CD-ROM].

Kornilov, S., Põlajeva, T. Strategic approach in risk-adjusted tariff policy // Economics and management (2011) Vol. 16, p. 780-784.

Kristjuhan, K. Non-diffusion of management innovation: the case of lean [Electronic resource] // Doctoral Summer School 2011 : doctoral school in economics and innovation : 25-28 July 2011, Viinistu, Estonia. Tartu, 2011. [CD-ROM].

Kristjuhan, Ü. Postponing aging and prolonging life expectancy with knowledge-based economy // Rejuvenation research (2011) Vol. 14, S1, p. S-27.

Kristjuhan, Ü., Kalas, L. Older and experienced hospital staff // Age Management during the Life Course : Proceedings of the 4th Symposium on Work Ability. Tampere : Tampere University Press, 2011. p. 239-245.

* Kristjuhan, Ü., Taidre, E. Historical discourse of postponing human aging and prolonging life // Gerontology & Geriatrics 2011 : Ninth Asia/Oceania Regional Congress of Gerontology and Geriatrics, October 23-27, 2011, Melbourne, Australia. Melbourne, 2011. p. 285.

* Kristjuhan, Ü., Taidre, E. Work ability of older and experienced academics // Gerontology & Geriatrics 2011 : Ninth Asia/Oceania Regional Congress of Gerontology and Geriatrics, October 23-27, 2011, Melbourne, Australia. Melbourne, 2011. p. 203.

Kukke, M. Kas Eestil on õppida Suurbritannia elektrituru reformidest? // HEI = Hea Eesti Idee (2011) sept., lk. 30-32.

Kukrus, A., Jaagu, K. Economic and legal aspects of remote gambling regulation // Journal on legal and economic issues of Central Europe (2011) Vol. 2, 2, p. 24-29.

Kukrus, A., Kartus, R. Economic and legal aspects of the patent litigation in the European Union : developments and perspectives [Electronic resource] // Eesti majanduspoliitilised väitlused : majanduspoliitika teooria ja praktika. 1. Berlin : Berliner Wissenschafts-Verlag GmbH ; Tallinn : Mattimar, 2011. p. 69-91 [CD-ROM].

Kukrus, A., Kartus, R. Issues of the legal protection of brand-name drugs in the European Union // *Baltic journal of European studies* (2011) Vol. 1, 2(10), September, p. 192-210.

Kukrus, A., Kartus, R. Patendivaidluste lahendamise majandus-õiguslikke küsimusi Euroopa Liidus : arengud ja perspektiivid // *Eesti majanduspoliitilised väitlused : majanduspoliitika teooria ja praktika*. 1. Berlin : Berliner Wissenschafts-Verlag GmbH ; Tallinn : Mattimar, 2011. lk. 43-48. (Eesti majanduspoliitilised väitlused ; 19).

* Kukrus, A., Kartus, R. The patentability criterion of inventive step / non-obviousness // *AIPPI Forum & Executive Committee Meeting, Hyderabad, India, October 13-18, 2011*. [S.l.], 2011.

Kukrus, A., Kartus, R. The person skilled in the art in the context of the inventive step requirement in patent law // *Yearbook 2010/I : AIPPI XXXXIIth Congress - Paris 2010 (3-6 October 2010)*. Zurich : AIPPI, 2011. p. 463-466.

* Küttim, M., Arvola, K., Teder, J., Venesaar, U. Developing creative enterprises and finding the ways for their support // *Does Entrepreneurship Matter? : A View from Educators, Researchers, Policy Makers and Entrepreneurs : 2011 EFMD Entrepreneurship Conference, Tallinn, Estonia, 21-22 February 2011*. [S.l.], 2011. 12 p.

Küttim, M., Arvola, K., Teder, J., Venesaar, U. Factors influencing development of creative enterprises and their support needs // *University – Business Cooperation, Tallinn 2011*. Berlin : Berliner Wissenschafts-Verlag, 2011. p. 84-102.

Küttim, M., Arvola, K., Venesaar, U. Development of creative entrepreneurship : opinion of managers from Estonia, Latvia, Finland and Sweden // *Business : theory and practice* (2011) Vol. 12, 4, p. 369-378.

* Küttim, M., Venesaar, U., Kolbre, E. Entrepreneurs' human capital in creative industries : a case of Baltic Sea Region countries // *Actual problems of economics* (2011) 126, p. 381-391.

Laane, M.-A. Lexical bundles in engineering research articles // *10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering"*. Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 10-15, 2011. [Tallinn] : Estonian Society of Moritz Hermann Jacobi, 2011. p. 72-75.

Laidroo, L. Determinants of the quality of public announcements of listed companies disclosed on the stock exchanges in the Baltic Countries // *International Journal of Management* (2011) Vol. 28, 1, part 2, p. 272-288.

Laidroo, L. Market liquidity and public announcements' disclosure quality on Tallinn, Riga, and Vilnius stock exchanges // *Emerging markets finance and trade* (2011) Vol. 47, suppl. 3, p. 54-79.

Leimann, J., Miettinen, A. Dissertations on organization and management in Estonia and Finland 1960-1989 : similarities and differences // *The Finnish journal of business economics* (2011) 4, p. 395-421.

MAJANDUSTEADUSKOND

Lend, E. Insenerihariduse märksõnad on õppekavade arendus ja koostöö : intervjuu Aasta Insener 2010 Enno Lendiga // Inseneeria (2011) 2, lk.16-18.

Lend, E. Kas kõrgharidusreform parandab inseneriharidust // Inseneeria (2011) 10, lk. 23.

Lend, E. Saateks // Tallinna Kõrgkooli aastaraamat 2010. Tallinn : Tallinna Tehnikakõrgkool, 2011. lk. 4.

* Ленсмент, А., Ахмет, И. Особенности идентичности русских в Эстонии // Международная научная конференция "Национальная философия в контексте современных глобальных процессов" : Республика Беларусь, г. Минск, 16–17 декабря 2010. Минск : Право и экономика, 2011. с. 191-193.

Leppiman, A., Same, S. Experience marketing : conceptual insights and the difference from experiential marketing // University – Business Cooperation, Tallinn 2011. Berlin : Berliner Wissenschafts-Verlag, 2011. p. 240-258.

Lille, M., Prause, G. E-services for enterprises in the Baltic Sea Region // Baltic Business and Socio-Economic Development 2009 : 5th International Conference, Kalmar, Sweden, September 14-15, 2009. Berlin : Berliner Wissenschafts-Verlag, c2011. p. 98-118. (Regional business and socio-economic development ; Bd. 3).

Ling, H., Leppiman, A., Venesaar, U. Exploring the impact of entrepreneurship courses on the metacognitive awareness of university students // University - Business Cooperation, Tallinn 2011. Berlin : Berliner Wissenschafts-Verlag, 2011. p. 114-134.

* Listra, E. Systematic differences of retail currency spreads : price discrimination used by multinational banking groups in Europe? // Proceedings of the 37th Annual Conference of EIBA : Bucharest, 2011. [Bucharest] : ASE, 2011. [16] p.

Listra, E. Tehtud, mõeldud? // Tallinna Tehnikaülikooli aastaraamat 2010. [Tallinn] : TTÜ kirjastus, c2011. lk. 267-268.

Listra, E., Rahu, K., Vaiser, N. Systematic differences of retail exchange rate spreads in some EU countries : the banks against financial integration [Electronic resource] // Eesti majanduspoliitilised väitlused : majanduspoliitika aktuaalsed küsimused : artiklid. 2. Berlin : Berliner Wissenschafts-Verlag GmbH ; Tallinn : Mattimar, 2011. p. 72-86 [CD-ROM]. (Eesti majanduspoliitilised väitlused ; 19).

Listra, E., Rahu, K., Vaiser, N. Valuutade jaekursside kursivahede süstemaatilised erinevused mõnedes Euroopa Liidu riikides : pangad versus finantsintegratsioon // Eesti majanduspoliitilised väitlused : majanduspoliitika aktuaalsed küsimused. 2. Berlin : Berliner Wissenschafts-Verlag GmbH ; Tallinn : Mattimar, 2011. lk. 40-43. (Eesti majanduspoliitilised väitlused ; 19).

Lumiste, R. Taastuvenegiatega kasutus Saksamaal Mecklenburg-Vorpommerni liidumaal // TEUK XIII : taastuvate energiaallikate uurimine ja kasutamine : kolmeteistkümnenda konverentsi kogumik : [10. november 2011, Tartu]. Tartu : Eesti Maaülikool, 2011. lk. 77-85.

Lõokene, I. Professor Erik Linnaks (1926-2001), majandusarvestuse tippteoreetik = Professor Erik Linnaks (1926-2001), Spitzentheoretiker des Rechnungswesens = Professor Erik Linnaks (1926-2001), leading theoretician in accounting // Eesti majanduspoliitilised väitlused : majanduspoliitika aktuaalsed küsimused. 2. Berlin : Berliner Wissenschafts-Verlag GmbH ; Tallinn : Mattimar, 2011. lk. 89-97. (Eesti majanduspoliitilised väitlused ; 19).

Lõokene, I. Prof. Juhan Vaabel (1899-1971) : akadeemik, dr. jur. // Eesti majanduspoliitilised väitlused : majanduspoliitika teooria ja praktika. 1. Berlin : Berliner Wissenschafts-Verlag GmbH ; Tallinn : Mattimar, 2011. lk. 89-96. (Eesti majanduspoliitilised väitlused ; 19).

Mankin, R., Laas, K., Sauga, A. Generalized Langevin equation with multiplicative noise : temporal behavior of the autocorrelation functions // Physical review E (2011) Vol. 83, 6, p. 061131 [10] p.

Маспанов, И. Формирование аудиторской деятельности в Эстонской Республике в период с 1990 по 2003 годы // Business analysis, accounting, taxes and auditing. Tallinn, 2011. p. 432-436.

Matina, J. A causal relationship between the export of goods, FDI and economic growth in Estonia // Journal of international scientific publications : economy & business (2011) Vol. 5, 3, p. 219-233.

Metsla, E. An integrated model of organisational life course and life cycles : (an evolutionary approach) // Management Theory and Practice : Synergy in Organisations : V International Conference, Tartu, 01–02 April 2011. Tartu : University of Tartu, 2011. p. 239-257.

Metsla, E. Ettevõtte kujunemine ja arenguetapid // Eesti maaettevõtluse arengusuunad viimaste aastate majandustrendide valguses : artiklite kogumik : konverentsi "Uus ajajärk maaettevõtluses" materjalid 9.02.2011 Pärnu. Tallinn : Põllumajandusministeerium, 2011. lk. 17-23.

* Michelson, A. Marketing medieval heritage – spatial consumption // Acta Universitatis Bohemicae Meridionales. The Scientific Journal for Economics, Management and Trade (2011) Vol. 14, 2, p. 89-94.

Michelson, A. Pedestrian networks, cultural built heritage and destination marketing : theoretical and methodological perspectives // Recent Researches in Energy, Environment and Landscape Architecture : Proceedings of the 7th IASME/WSEAS International Conference on Energy, Environment, Ecosystems and Sustainable Development (EEESD '11) ; Proceedings of the 4th IASME/WSEAS International Conference on Landscape Architecture (LA '11), Angers, France, November 17-19, 2011. [S.l.] : WSEAS Press, 2011. p. 31-36.

Miina, A. Kulusäästlik mõtlemine andis oskuse loobuda üleliigsest // Äri-IT (2011) kevad, lk. 12-13.

Miller, L. Humanity's inherent value preference for integral being // Journal for interdisciplinary research on religion and science (2011) 9, p. 129-144.

MAJANDUSTEADUSKOND

Miller, L. The aesthetic awakening // *Ki Awareness Magazine* (2011) April/May, p. 12-13.

* Miller, L. The secret of the aesthetic epiphany // *Conscious connection* (2011) 3(March).

* Miller, L. Value centered path to happiness and success // *TimBookTu* (2011) Spring.

Männiste, M., Hazak, A., Listra, E. European listed companies' share price reactions to global credit crunch : typology of winners and losers // *International journal of trade, economics and finance* (2011) Vol. 2, 6, p. 478-483.

Männiste, M., Hazak, A., Listra, E. Typology of European listed companies' reactions to global credit crunch : cluster analysis of share price performance // 2011 3rd International Conference on Information and Financial Engineering : IPEDR. Vol. 12. Singapore : IACSIT Press, 2011. p. 565-569.

Mürsepp, P. Book review : Global technological change // *Techné : research in philosophy and technology* (2011) Vol. 15, 2, p. 185-187.

Mürsepp, P. Humanitaari pilguga tehnika lugu lugedes // Tallinna Tehnikaülikooli aastaraamat 2010. [Tallinn] : TTÜ kirjastus, c2011. lk. 245-248.

Mürsepp, P. XXIV rahvusvaheline Balti teadusajaloo konverents // Tallinna Tehnikaülikooli aastaraamat 2010. [Tallinn] : TTÜ kirjastus, c2011. lk. 281-282.

Mürsepp, P. Knowledge in science and non-science // *Baltic journal of European studies* (2011) Vol. 1, 1(9), p. 61-73.

Mürsepp, P. Leibnitz's critique of the Cartesian corporeal substance // *Natur und Subjekt : IX. Internationaler Leibnitz-Kongress unter der Schirmherrschaft des Bundespräsidenten. Vorträge 2. Teil : Hannover, 26. September bis 1. Oktober 2011. Hannover : Akademie Verlag Berlin, 2011. p. 706-712.*

Mürsepp, P. The aim of science – knowledge or wisdom // *Volume of Abstracts CLMPS 2011 : Special Topic Logic and Science Facing New Technologies : 14th International Congress of Logic, Methodology and Philosophy of Science : Nancy, July 19-26, 2011. Nancy, 2011. p. 123.*

Mürsepp, P. The trilingual university and knowledge economy // *Fourth EUNoM Symposium : Multilingualism in the Knowledge Economy : Labour Markets Revisited, and Corporate Social Responsibility : 14-15 November 2011, Queen's University Belfast. Belfast, 2011. p. 12.*

Mürsepp, P. The trilingual university and knowledge economy : full paper // *4th EUNoM Symposium "Multilingualism in the Knowledge Economy: Labour Markets Revisited, and Corporate Social Responsibility" : Belfast, Northern Ireland, 14-15 November 2011. Belfast, 2011. p. 119-122.*

Mürsepp, P., Talts, M. Foreword // *Baltic journal of European studies* (2011) Vol. 1, 1(9), p. 3-5.

Niine, T. Beer game revisited – teaching Bullwhip effect with a modifiable table-top simulation game // *Journal of international scientific publications : educational alternatives* (2011) Vol. 9, 2, p. 54-63.

Niine, T., Koppel, O. Searching for the perfect SCM curriculum – comparative study of SCOR and APICS competence models and renowned SCM master's programs // *Journal of international scientific publications : educational alternatives* (2011) Vol. 9, 2, p. 33-53.

Ojamäe, L., Paadam, K. Housing conditions and neighbourhood satisfaction // *The Russian Second Generation in Tallinn and Kohtla-Järve : the TIES study in Estonia*. Amsterdam : Amsterdam University Press, 2011. p. 143-163. (IMISCOE reports).

Org, A. Koolituskultuurist // *Majandus ja kultuuri ökoloogia kaasaegses linnas*. Tallinn : [Eesti-Ameerika Äriakadeemia], 2011. lk. 349-351.

Paadam, K., Rikmann, E., Siilak, K. Ülevaade uuringust "Elanike hoiakud ja käitumismustrid elamisruumis Seminari tänava piirkonna näitel" // *Integreeritud linnalise arengu kontseptsioon Rakvere Seminari tänava piirkonna näitel*. Tallinn, 2011. lk. 34-86.

Paadam, K., Siilak, K., Ojamäe, L., Leemet, A., Spanò, A., Musella, P., Perone, E. Cross-cultural intimate relationships // *Biography & society : Research Committee 38 of the ISA newsletter* (2011) June, p. 13-17.

* Paas, Õ., Traumann, A., Tint, P. Chemical risk assessment in the air of the work environment in manufacturing // *Hazards AP : The First Hazards Asia Pacific Symposium, 27-29 September 2011, Kuala Lumpur, Malaysia*. [S.l.] : Institution of Chemical Engineers, 2011. 4 p.

Parts, O., Vida, I. The effects of consumer cosmopolitanism on purchase behavior of foreign vs. domestic products // *Managing global transitions* (2011) Vol. 9, 4, p. 355-370.

Parts, O., Vida, I., Vihalem, A. The role of cosmopolitanism in consumer ethnocentrism, knowledge of brand origins and foreign purchase behaviour // *University – Business Cooperation*, Tallinn 2011. Berlin : Berliner Wissenschafts-Verlag, 2011. p. 259-276.

Parts, O., Vihalem, A. Cosmopolitanism impact on product purchase behavior on the example of Slovenian and Estonian consumers // *Baltic Business and Socio-Economic Development 2009 : 5th International Conference*, Kalmar, Sweden, September 14-15, 2009. Berlin : Berliner Wissenschafts-Verlag, c2011. p. 119-142. (Regional business and socio-economic development ; Bd. 3).

* Paseková, M., Strouhal, J., Alver, L., Prauliņš, A. Comparative analysis of tax systems : some evidence from CEE countries // *World Academy of Science, Engineering and Technology* (2011) Vol. 77, p. 840-846.

Prause, G. Air cargo in Baltic Sea Region // *Research and Education in Logistics and Supply Chain Management: The Current Situation and New Perspectives* : December 14-16, 2011, St.Petersburg, Russia. St.Petersburg, 2011. p. 140-142.

MAJANDUSTEADUSKOND

* Prause, G. Design als Marketing-Instrument // Öffnungszeiten – Papiere zur Designwissenschaft (2011) 25, S. 48-55.

* Prause, G. University – business cooperation in the context of demographic change // European Integration and Baltic Sea Region : Diversity and Perspectives, 26-27 September 2011, Riga, Latvija. [S.l.], 2011.

Prause, G. Universities 3rd task – the Wismar case // University – Business Forum 2011, Tallinn, 22 February 2011. [S.l.], 2011.

Prause, G. Universities third task : on the way towards the entrepreneurial university – a German case study // 10th International Entrepreneurship Forum (IEF) : Creating Social, Economic, Cultural and Personal Value : 9-11 January 2011, Tamkeen, Bahrain : conference proceedings. Vol. 1. [S.l.] : University of Essex, 2011. p. 543-557.

Prause, G., Reidolf, M. E-governmental services for entrepreneurs in the Baltic Sea Region – an empiric study // 10th International Entrepreneurship Forum (IEF) : Creating Social, Economic, Cultural and Personal Value : 9-11 January 2011, Tamkeen, Bahrain : conference proceedings. Vol. 1. [S.l.] : University of Essex, 2011. p. 530-542.

Prause, G., Reidolf, M. E-governmental services for entrepreneurs in the Baltic Sea Region : an empirical study // China-USA business review (2011) Vol. 10, 11, p. 1168-1178.

Prause, G., Reidolf, M. What do SMEs expect from E-government services? // Business – Science – Government Partnership : Fostering Country Competitiveness, 21-23 September, 2011 : conference proceedings. [S.l.] : VU IBS, 2011. p. 45-61.

* Prause, G., Reidolf, M., Thessel, F. Reducing administrative burdens via E-government : services for small and medium sized enterprises in the Baltic Sea Region // Государственное регулирование экономики и повышение эффективности деятельности субъектов хозяйствования : VII Международная научно-практическая конференция (Минск, 21-22 апреля 2011) : сборник научных статей. Ч.1. Минск : Академия управления при Президенте Республики Беларусь, 2011. p. 53-60.

Prause, G., Solesvik, M. University–business cooperation in maritime sector – the German-Norwegian experience // University – Business Cooperation, Tallinn 2011. Berlin : Berliner Wissenschafts-Verlag, 2011. p. 20-37.

Prause, G., Winkler, J. Universities third task : on the way towards the entrepreneurial university : a German case study // University – Business Cooperation, Tallinn 2011. Berlin : Berliner Wissenschafts-Verlag, 2011. p. 52-63.

Pöder, K. Institutsioonide ajalugu ja majandusareng : kuidas majandusteooria, politoloogia ja ajalugu kokku saavad // Ajalooline ajakiri (2011) 3/4, lk. 349-367.

Pöder, K., Kerem, K. "Social Model" in a European comparison : convergence or divergence? // Eastern European economics (2011) Vol. 49, 5, p. 55-74.

Pöder, K., Lauri, T. Mis on eliitkool? // *Haridus* (2011) 2, lk. 36-40.

Põlajeva, T. Governance power influence on sustainable economic growth // *The economy and economics after crisis*. Berlin : Berliner Wissenschafts-Verlag, 2011. p. 71-80.

Põlajeva, T. Structural corruption and its influence on the business environment // *Economics and management* (2011) Vol. 16, p. 576-581.

Пылаева, Т. Влияет ли коррупция на устойчивость экономического роста? // *Балтийский регион* (2011) 10, 4, с. 49-59.

Pädam, S., Ehrlich, Ü. Paying for environmental protection in Estonia in international comparison // *The economy and economics after crisis*. Berlin : Berliner Wissenschafts-Verlag, 2011. p. 197-209.

Pädam, S., Ehrlich, Ü. The foregone recreation value of Lake Ülemiste [Electronic resource] // *Eesti majanduspoliitilised väitlused : majanduspoliitika teooria ja praktika*. 1. Berlin : Berliner Wissenschafts-Verlag GmbH ; Tallinn : Mattimar, 2011. p. 135-148 [CD-ROM]. (Eesti majanduspoliitilised väitlused ; 19).

Pädam, S., Ehrlich, Ü. Ülemiste järve kaotatud rekreatiivne väärtus // *Eesti majanduspoliitilised väitlused : majanduspoliitika teooria ja praktika*. 1. Berlin : Berliner Wissenschafts-Verlag GmbH ; Tallinn : Mattimar, 2011. lk. 61-64. (Eesti majanduspoliitilised väitlused ; 19).

Püss, T., Viies, M., Maldre, R. Social systems in the Baltic States and the European social model // *Baltic journal of European studies* (2011) Vol. 1, 2(10), September, p. 59-84.

Randveer, M., Rõõm, T. The structure of migration in Estonia : survey-based evidence // *Research in economics and business : Central and Eastern Europe* (2011) Vol. 3, 1, p. 25-49.

Raudonen, S. Corporate taxation impact on manufacturing foreign direct investments: empirical evidence of asymmetric tax competition in European Union [Electronic resource] // *Doctoral Summer School 2011 : doctoral school in economics and innovation : 25-28 July 2011, Viinistu, Estonia*. Tartu, 2011. [CD-ROM].

Reidolf, M., Keerberg, A., Hartikainen, A. Universities' role in the region : the case of Saaremaa Small Craft Competence Centre // *University – Business Cooperation*, Tallinn 2011. Berlin : Berliner Wissenschafts-Verlag, 2011. p. 38-51.

Reimann, M., Ehrlich, Ü., Tõnisson, H. Tourism versus real estate development : a contingent valuation study of Estonian coast // *Recent Researches in Tourism and Economic Development : Proceedings of the 1st International Conference on Tourism and Economic Development (TED '11)*, University Center Drobeta Turnu Severin, Romania, October 27-29, 2011. [S.l.] : WSEAS Press, 2011. p. 240-245.

Renan, E. ; (tlk.) Varrak, T. Rahvus – mis see on? // *Poliitika, riigiteadus, rahvusvahelised suhted* (2011) 3, lk. 3-17.

Ridala, S. "Rule-of-thumb" consumption in the Baltic States [Electronic resource] // Doctoral Summer School 2011 : doctoral school in economics and innovation : 25-28 July 2011, Viinistu, Estonia. Tartu, 2011. [CD-ROM].

Riisalu, R., Leppiman, A. Hidden champions from Estonia // Hidden champions in CEE and dynamically changing environments : research report. Bled : CEEMAN, 2011. p. 35-40.

Ritso, V. The value perception of e-government services among small and medium-sized enterprises in Estonia and Denmark [Electronic resource] // 3rd International Conference "Economies of Central and Eastern Europe: convergence, opportunities and challenges" : conference proceedings. Tallinn : TTÜ majandusteaduskond, 2011. [25] p. [CD-ROM].

Ritso, V., Venesaar, U. The use of e-government services among small and medium-sized enterprises in the Baltic Sea Region // University – Business Cooperation, Tallinn 2011. Berlin : Berliner Wissenschafts-Verlag, 2011. p. 178-196.

Rodins, M. Identity and political participation // Founding elections in Latvia, 1993-1995 : analyses, documents and data. Berlin : Sigma, 2011. p. 102-122.

Roo, R. Disclosure discourse : a shift in Estonian public companies' interim report commentaries during the turn towards recession // Research in economics and business : Central and Eastern Europe (2011) Vol. 3, 1, p. 64-83.

Roostalu, L., Kadak, T. Which values and which accountability : an historical case study of the Estonian local government // China-USA Business Review (2011) Vol. 10, 11, [23] p.

Rungi, M., Hilmola, O.-P. Interdependency management of projects : survey comparison between Estonia and Finland // Baltic journal of management (2011) Vol. 6, 2, p. 146-162.

Rungi, M., Kolk, A. Trajectory evolvments of capability families : the Google case // University – Business Cooperation, Tallinn 2011. Berlin : Berliner Wissenschafts-Verlag, 2011. p. 214-239.

Ruubel, R., Hazak, A. Company profitability and labour intensity under different phases of the economic cycle : a Pan-European empirical study // 2011 2nd International Conference on Economics, Business and Management : IPEDR. Vol.22. Singapore : IACSIT Press, 2011. p. 178-182.

Ruubel, R., Hazak, A. Is there a relationship between company profitability and salary level? A Pan-European empirical study // 2011 International Conference on Innovation, Management and Service : IPEDR. Vol.14. Singapore : IACSIT Press, 2011. p. 332-337.

Sauga, A. Annuiteet liit- ja lihtintressi korral // Raamatupidamise Praktik : RP (2011) mai, lk. 11-13.

Sauga, A. Kuidas arvutada protsenti? // Raamatupidamise Praktik : RP (2011) jaan., lk. 15-16.

Sauga, A. Logaritmid abiks raamatupidamises // Raamatupidamise Praktik : RP (2011) märts, lk. 20-22.

Sauga, A. New product diffusion in the Baltic States // Journal of business management (2011) 4, p. 47-52.

Sauga, A. Raha nüüdisväärtus ja tulevikuväärtus // Raamatupidamise Praktik : RP (2011) apr., lk. 20-22.

Sauga, A. Statistilised keskmised // Raamatupidamise Praktik : RP (2011) sept., lk. 12-14.

Sauga, A., Martila, D., Mankin, R. Energy transfer in ratchets driven by additive trichotomous noise // Application of mathematics in technical and natural sciences : 3rd International Conference—AMiTaNS'11 : 20-25 June 2011, Albena, Bulgaria. [S.l.] : AIP, 2011. p. 139-146. (AIP Conference Proceedings ; 1404).

* Sauga, A., Martila, D., Mankin, R. Energy transfer in ratchets driven by additive trichotomous noise // Book of abstracts : Third International Conference on Application of Mathematics in Technical and Natural Sciences : 20-25 June 2011, Albena, Bulgaria. [S.l.], 2011. p. 81.

Sergejev, V. ; (tlk.) Varrak, T. Vene poliitilise kultuuri iseärasuste kujunemisest // Poliitika, riigiteadus, rahvusvahelised suhted (2011) 3, lk. 41-64.

Servinski, M., Reidolf, M., Raagmaa, G. Setomaa on hää elamise, olõmisõ ja tulõmisõ kotus = Setomaa is a good place for living, staying and coming // Eesti statistika kvartalikirj (2011) 1, lk. 49-87.

Siimann, P. An overview of the theoretical fundamentals and developments of the efficiency matrix // Business analysis, accounting, taxes and auditing. Tallinn, 2011. p. 256-268.

Siimann, P. Ratio classifications for financial statement analysis – historical overview // Journal of international scientific publications : economy & business (2011) Vol. 5, 3, p. 127-140.

* Siirak, V. Experience of e-learning in ergonomics and OHS education in university // XIX World Congress on Safety and Health at Work : Building a Global Culture of Prevention for a Healthy and Safe Future : September 11-15, 2011, Istanbul, Turkey : abstracts. [S.l.] : International Labour Office, 2011. p. 309.

Siirak, V. Female students and Moodle e-learning environment // 6th International Conference on Interdisciplinarity in Education ICIE'11 : Education, Research and Innovation in Engineering and Related Disciplines, April 14-16, 2011, Karabuk/Safranbolu, Turkey : proceedings. Athens : National Technical University of Athens, 2011. p. 35-40.

Staehr, K. Democratic and market-economic reforms in the post-communist countries : the impact of enlargement of the European Union // Eastern European economics (2011) Vol. 49, 5, p. 5-28.

Staeher, K. Väliskapitali kaardimajake // Tallinna Tehnikaülikooli aastaraamat 2010. [Tallinn] : TTÜ kirjastus, c2011. lk. 268-270.

Startseva, E., Alver, J. Development of methodology for measuring the business efficiency and system integrated analysis in Estonia : historical research // Journal of international scientific publications : economy & business (2011) Vol. 5, 2, p. 147-159.

Старцева, Э., Захаров, Р. Методика оценки эффективности функционирования технологической системы производственного предприятия (на примере E-Profiil AS) // Business analysis, accounting, taxes and auditing. Tallinn, 2011. p. 452-462.

Strouhal, J., Bonaci, C., Mustata, R., Alver, L., Alver, J., Praulinš, A. Accounting harmonization measurement : case of emerging CEE countries // International journal of mathematical models and methods in applied sciences (2011) Vol. 5, 5, p. 899-906.

Strouhal, J., Kallaste, K. Feasibility analysis of Czech and Estonian accounting certification schemes // Business analysis, accounting, taxes and auditing. Tallinn, 2011. p. 280-291.

* Suhhonenko, V. Ergodesign as a part of risk assessment for physical overload in hospitals and MSD prevention // XIX World Congress on Safety and Health at Work : Building a Global Culture of prevention for a Healthy and Safe Future, September 11-15, 2011, Istanbul, Turkey : abstracts. [S.l.] : International Labour Office, 2011. p. 308.

Taal, H. Education concerning electromagnetic fields // 6th International Conference on Interdisciplinarity in Education ICIE'11 : Education, Research and Innovation in Engineering and Related Disciplines : April 14-16, 2011, Karabuk/Safranbolu, Turkey : proceedings. Athens : National Technical University of Athens, 2011. p. 103-109.

Taidre, E., Kristjuhan, Ü. Last economic recession was good for life expectancy // Rejuvenation research (2011) Vol. 14, S1, p. S-39-S-40.

Talpas, L. Institutional pressures affecting the development of financial accounting framework : the case of Estonia // Business analysis, accounting, taxes and auditing. Tallinn, 2011. p. 313-326.

Talpsepp, T. Reverse disposition effect of foreign investors // Journal of behavioral finance (2011) Vol. 12, 4, p. 183-200.

Talts, M. Birma – otsekui retk minevikku // Reisimaailm (2011) 7/8, lk. 24-29.

Talts, M. 24. rahvusvaheline Balti teadusajaloo konverents Tallinna Tehnikaülikoolis 8.-9. oktoobril 2010 // Tuna (2011) 2, lk. 154-156.

Talts, M. Paar sõna Marju Mutsust // Nukits. Tallinn : Eesti Lastekirjanduse Keskus, 2011. lk. 33-36.

Talts, M. Raamat eestlastest : [raamatuarvustus] // Rahvuslik Kontakt (2011) 4, lk. 35-38.

Talts, M. The follow-up seminar of the 24th International Baltic Conference on the History of Science // *Baltic journal of European studies* (2011) Vol. 1, 1(9), p. 407-412.

Talts, M. Vene teadusloolaste suursaavutus // *Eesti Loodus* (2011) 9, lk. 58.

Talts, M., Kulasalu, M. 24th International Baltic Conference on the History of Science at Tallinn University of Technology, 8–9 October 2010 // *Studies in the history of biology* (2011) Vol. 3, 1, p. 114-121.

Tambur, M., Vadi, M. Bullying at work : do industries differ in the Estonian case? [Elektrooniline teavik] // *Eesti majanduspoliitilised väitlused : majanduspoliitika aktuaalsed küsimused : artiklid. 2.* Berlin : Berliner Wissenschafts-Verlag GmbH ; Tallinn : Mattimar, 2011. p. 190-205 [CD-ROM]. (Eesti majanduspoliitilised väitlused ; 19).

Tambur, M., Vadi, M. Kas psühholoogilise töövägivalla levik on majandussektorites erinev : olukord Eestis? // *Eesti majanduspoliitilised väitlused : majanduspoliitika aktuaalsed küsimused. 2.* Berlin : Berliner Wissenschafts-Verlag GmbH ; Tallinn : Mattimar, 2011. lk. 77-81. (Eesti majanduspoliitilised väitlused ; 19).

Tambur, M., Vadi, M. The relationship between workplace bullying and organizational culture // *Work, Stress and Health 2011 : Work and Well-Being in an Economic Context*, Orlando, USA, May 19-22, 2011 : conference abstracts. [S.l.] : American Psychological Association, 2011.

Tanning, L. Euroopa ajaloo must südametunnistus. Inimsusvastased kuriteod // *Poliitika, riigiteadus, rahvusvahelised suhted* (2011) 3, lk. 94-122.

Tanning, L. Maailma energia ülevaade // *Eesti Põlevloodusvarad ja -jäätmed* (2011) 1/2, lk. 6-8.

Tanning, T., Tanning, L. Analysis of productivity and salaries in East-European countries // *Baltic horizons* (2011) 18, December, p. 37-56.

Tanning, T., Tanning, L. Tööjõukultuur // *Majandus ja kultuuri ökoloogia kaasaegses linnas.* Tallinn : [Eesti-Ameerika Äriakadeemia], 2011. lk. 260-274.

*Tarmas, G., Tint, P. Prevention noise in manufacturing in Estonia // *XIX World Congress on Safety and Health at Work : Building a Global Culture of Prevention for a Healthy and Safe Future*, September 11-15, 2011, Istanbul, Turkey : abstracts. [S.l.] : International Labour Office, 2011. p. 247.

Teder, J. Tegevusharu mõjutavate konkurentsijõudude hindamine (4.3.3) ; Tegevusharu liikumapanevad jõud (4.3.4) ; Kriitilised edutegurid (4.3.5) // *Ettevõtja käsiraamat.* Tallinn : Äripäeva Kirjastus, 2011. [23] lk. (Äripäeva käsiraamat).

Tepp, M. Milvi Tepp : pilt, mis juhtimispraktikatest avanes, oli kohati jahmatav // *Director* (2011) 6/8, lk. 14-15.

Tepp, M. Kuidas firmas kähku efektiivsust tõsta? // *Director* (2011) 2, lk. 48.

MAJANDUSTEADUSKOND

Thomsen, J., Sundgaard, E., Alver, L., Alver, J. Managerial accounting procedures in Danish-owned Estonian subsidiaries. From a global integration perspective // Business analysis, accounting, taxes and auditing. Tallinn, 2011. p. 327.

Tikk, J. Veelkord muudatustest osatüingu asutamisel // Eesti Majanduse Teataja (2011) 6, lk. 45-48.

Tikk, J., Almann, A. Developments in public sector financial management in Estonia // Business and economic horizons (2011) Vol. 5, 2, p. 47-56.

Tiko, A., Küttim, M., Angerjäär, H. Social work curriculum development at Tallinn University in European educational sphere // Social policy and social work in transition (2011) Vol. 2, 1, p. 15-42.

Tinits, M. Statistical relations between ratios // Journal of international scientific publications : economy & business (2011) Vol. 5, 2, p. 376-386.

Tint, P., Reinhold, K., Traumann, A. The improvement of indoor environment in computer-classes // Environmental Engineering. Environmental Protection : the 8th International Conference May 19–20, 2011, Vilnius, Lithuania. Vilnius : VGTU Press "Technika", 2011. p. 382-386.

Tint, P., Traumann, A., Siirak, V. The assessment of major accident risks in Tallinn // 6th International Conference on Interdisciplinarity in Education ICIE'11 : Education, Research and Innovation in Engineering and Related Disciplines, April 14-16, 2011, Karabuk/Safranbolu, Turkey : proceedings. Athens : National Technical University of Athens, 2011. p. 20-26.

Tint, P., Traumann, A., Tuulik, V. Indoor air quality in educational institutions in Estonia // 6th International Conference on Environmental Engineering and Management (ICEEM 06) : Green Future, 1–4 September 2011, Balatonalmádi, Hungary : abstract book. Iasi, 2011. p. 71-72.

* Tint, P., Voolma, S.-R., Tkašova, L. The use of a simple/flexible risk assessment method for prevention of MSDs // OH&S Forum 2011 : International Forum on Occupational Health and Safety : Policies, Profiles and Services, 20-22 June 2011, Espoo, Finland : programme and abstracts. Helsinki : Finnish Institute of Occupational Health, 2011. p. 100.

* Traumann, A., Tint, P. Chemical risk assessment in the air of the work environment in manufacturing // 8th European Congress of Chemical Engineering, September 25-29, 2011, Berlin, Germany : abstracts of posters of ECCE. [S.l.], 2011.

Traumann, A., Tint, P. Economic aspects of safety measures in medium- and small-scale enterprises // Hazards XXII : process safety and environmental protection. Rugby : IChemE, 2011. p. 634-639 [CD-ROM].

* Traumann, A., Tint, P. The quality of indoor climate in offices in atrium-type buildings // Proceedings of the ITELMS'2011 : 6th International Conference Intelligent Technologies in Logistics and Mechatronics Systems. [S.l.], 2011. p. 33-38.

Tsareva, A.M., Hazak, A. The limping gazelles : on the viability of Estonian fastest growing companies under the economic crisis // 2011 International Conference on Economics and Finance Research : IPEDR. Vol.4. Singapore : IACSIT Press, 2011. p. 396-399.

Wahl, M.F. Governance and ownership : methodological aspects of qualitative ownership research // Baltic Business and Socio-Economic Development 2009 : 5th International Conference, Kalmar, Sweden, September 14-15, 2009. Berlin : Berliner Wissenschafts-Verlag, c2011. p. 260-283. (Regional business and socio-economic development ; Bd. 3).

* Wahl, M. Toward owners' typology based on their basic human values & will // 8th Workshop on Corporate Governance, Brussels, Belgium, May 30-31, 2011. [S.l.] : EIASM, 2011.

Wahl, M.F., Gerndorf, K. Toward owners' typology based on their basic human values & will // 2nd Indian Academy of Management (IAM) Conference 2011 "Managing in the New Economy : Exploring the Indian Context", 18-20 December 2011, Bangalore, India. [S.l.] : IAM, 2011. p. 7.

Varrak, T. Globaliseerumine ja poliitiline stabiilsus // Poliitika, riigiteadus, rahvusvahelised suhted (2011) 3, lk. 18-40.

Varrak, T. Konverentsi "20 aastat taasiseseisvust Eestis, 1991-2011" ettekannete kokkuvõte = Synopsis. Conference "20 years of re-independence in Estonia, 1991-2011" // Kakskümmend aastat taasiseseisvust Eestis, 1991-2011 : ettekannete kokkuvõtted teaduskonverentsil "20 aastat taasiseseisvust Eestis, 1991-2011" 20. augustil 2011 Tallinnas. Tallinn : Välis-Eesti, 2011. lk. 361-366.

Venesaar, U. University – business cooperation : a case of Tallinn University of Technology // University – Business Forum 2011, Tallinn, 22 February 2011. [S.l.], 2011.

Venesaar, U., Ling, H., Voolaid, K. Evaluation of the entrepreneurship education programme in university : a new approach // Amfiteatru Economic (2011) Vol. XIII, 30, p. 377-391.

Vernygora, V. Prospects for New Zealand in the Baltic States : theoretical, structural and operational dimensions of cooperation // Baltic journal of European studies (2011) Vol. 1, 2(10), p. 103-133.

* Vida, I., Parts, O., Kunz, M.B. The role of cosmopolitanism in consumer choice behavior // 2011 MBAA International Annual Conference, March 23-25th, 2011, Chicago : proceedings. [S.l.], 2011. p. 20-25.

* Wiebelt, T.M.C. Der Einfluss der Personalentwicklung auf den Unternehmenserfolg // Scientia Nova : Das interdisziplinäre Wissenschaftsmagazin (2011) 15, S. 7-12.

Vihalem, A. Turunduse juhtimine : Hind (7.3.3.5) ; Hinna kujundamine (7.3.3.6) ; Turunduskommunikatsioon (7.3.3.7) ; Turunduskommunikatsiooni osad (7.3.3.8) ; Turustamine (7.3.3.9) // Ettevõtja käsiraamat. Tallinn : Äripäeva Kirjastus, 2011. [38] lk. (Äripäeva käsiraamat).

Viiding, M., Kall mets, K., Pikk, P. Analysis of electricity cost as a driver of competitiveness in Northern Europe : the case of Estonia [Electronic resource] // Doctoral Summer School 2011 : doctoral school in economics and innovation : 25-28 July 2011, Viinistu, Estonia. Tartu, 2011. [CD-ROM].

Virovere, A., Meel, M., Titov, E. Change of management values in Estonian business life in 2007-2009 // Chinese business review (2011) Vol. 10, 11, p. 1028-1042.

Voolaid, K., Ehrlich, Ü. Conformity of business schools to the criteria of a learning organization : the case of Estonia // The economy and economics after crisis. Berlin : Berliner Wissenschafts-Verlag, 2011. p. 481-498.

Voolaid, K., Ehrlich, Ü. Organizational learning rate measurement instruments for business schools [Electronic resource] // Proceedings of the 8th International Conference on Intellectual Capital, Knowledge Management & Organisational Learning, Bangkok, Thailand, 27-28 October 2011. [S.l.] : Academic Publishing Limited, 2011. p. 593-601 [CD-ROM].

Voolaid, K., Venesaar, U. A validation study of the dimensions of the learning organisation questionnaire in the business school context // University – Business Cooperation, Tallinn 2011. Berlin : Berliner Wissenschafts-Verlag, 2011. p. 64-83.

Värk, J., Nutt, M., Martin, J. Nord Stream project : ecopolitical, economical and security field considerations // Social and natural sciences journal (2011) 2, p. 18-27.

Üksvärav, R. Elu ja inimesed [majandus]teaduskonna esimesel ajajärgul // Tallinna Tehnikaülikooli aastaraamat 2010. [Tallinn] : TTÜ kirjastus, c2011. lk. 51-61.

MATEMAATIKA–LOODUSTEADUSKOND

Raamatud

Abramov, V., Fuchs, J., Paal, E., Stolin, A., Tralle, A., Urbanski, P. (eds.). Algebra, geometry and mathematical physics. Warszawa : Polish Academy of Sciences, 2011. 288 p. (Banach Center Publications ; Vol. 93).

Borissova, M. (ed.). SustainChem2011 : International Conference on Materials and Technologies for Green Chemistry jointly with Workshop of COST Action CM0903 (UBIOCHEM-II) : September 5-9, 2011, Tallinn, Estonia : abstract book and program. [Tallinn] : Tallinn University of Technology, c2011. 178 p.

Gavrilov, A. Pooljuhtmaterjalide elektriliste parameetrite mõõtmine. Tallinn : [TTÜ kirjastus], 2011. 67 lk.

Gorbatšova, J. Development of methods for the CE analysis of plant phenolic compounds and vitamins. Tallinn : TUT Press, 2011. 118 p. (Theses of Tallinn University of Technology. B, Thesis on natural and exact sciences ; 121).

Karelson, M., Tõldsepp, A. Keemia : üldine ja anorgaaniline keemia gümnaasiumile. Tallinn : Koolibri, c2011. 263 lk.

Katargina, O. Tick-borne pathogens circulating in Estonia (tick-borne encephalitis virus, Anaplasma phagocytophilum, Babesia species) : their prevalence and genetic characterization. Tallinn : TUT Press, 2011. 115 p. (Theses of Tallinn University of Technology. B, Thesis on natural and exact sciences ; 109).

Knjazeva, T. New approaches in capillary electrophoresis for separation and study of proteins. Tallinn : TUT Press, 2011. 101 p. (Theses of Tallinn University of Technology. B, Thesis on natural and exact sciences ; 101).

Makarõtševa, N. Analysis of organic species in sediments and soil by high performance separation methods. Tallinn : TUT Press, 2011. 129 p. (Theses of Tallinn University of Technology. B, Thesis on natural and exact sciences ; 112).

Mortimer, M. Evaluation of the biological effects of engineered nanoparticles on unicellular pro- and eukaryotic organisms. Tallinn : TUT Press, 2011. 142 p. (Theses of Tallinn University of Technology. B, Thesis on natural and exact sciences ; 113).

Olsper, A. Properties of VPg and coat protein of sobemoviruses. Tallinn : TUT Press, 2011. 128 p. (Theses of Tallinn University of Technology. B, Thesis on natural and exact sciences ; 119).

Peikolainen, A.-L. Organic aerogels based on 5-methylresorcinol. Tallinn : TUT Press, 2011. 112 p. (Theses of Tallinn University of Technology. B, Thesis on natural and exact sciences ; 115).

Seiman, A. Point-of-care analyser based on capillary electrophoresis. Tallinn : TTÜ kirjastus, 2011. 139 p. (Theses of Tallinn University of Technology. B, Thesis on natural and exact sciences ; 108).

Zovo, K. Functional characterization of the cellular copper proteome. Tallinn : TUT Press, 2011. 141 p. (Theses of Tallinn University of Technology. B, Thesis on natural and exact sciences ; 111).

Tepp, K. Molecular system bioenergetics of cardiac cells : quantitative analysis of structure-function relationship. Tallinn : TUT Press, 2011. 218 p. (Theses of Tallinn University of Technology. B, Thesis on natural and exact sciences ; 114).

Uudelepp, H., Lõhmus, A. Põhikooli lõpetajale matemaatika lõpueksamist 2011. [Tallinn] : Argo, 2011. 112 lk. (Eksaminandile matemaatika riigieksamist ; 2011).

Uudelepp, H., Lõhmus, A. Eksaminandile matemaatika riigieksamist. Tallinn : Argo, 2011. 104 lk. (Eksaminandile matemaatika riigieksamist ; 2011).

Artiklid

Aaspõllu, A., Lilje, L., Simm, J., Kägo, E., Sipp Kulli, S., Moora, M., Zobel, M., Metsis, M. Analysis of soil sample metagenome as an additional tool for forensics // IAFS 2011 - 19th International Association of Forensic Sciences : 12. - 17.09.2011, Madeira, Portugal. [S.l.], 2011. p. 42.

Aaspõllu, A., Lillsaar, T., Tummeleht, L., Simm, J., Metsis, M. Can microbes on skin help linking persons and crimes? // *Forensic science international : genetics supplement series* (2011) vol. 3, p. e269-e270.

Aav, R., Pehk, T., Tamp, S., Tamm, T., Kudrjašova, M., Parve, O., Lopp, M. Theoretical prediction and assignment of vicinal $1H-1H$ coupling constants of diastereomeric 3-alkoxy-6,7-epoxy-2-oxabicyclo[3.3.0]octanes // *Magnetic resonance in chemistry* (2011) Vol. 49, 2, p. 76-82.

Aav, R., Shmatova, E., Öeren, M., Borissova, M. A new chiral hemicucurbit[6]uril, a host for the ions // *SustainChem2011 : International Conference on Materials and Technologies for Green Chemistry jointly with Workshop of COST Action CM0903 (UBIOCHEM-II)* : September 5-9, 2011, Tallinn, Estonia : abstract book and program. [Tallinn] : Tallinn University of Technology, c2011. p. 83.

Ausmees, K., Selyutina, A., Kütt, K., Lippur, K., Pehk, T., Lopp, M., Žusinaite, E., Merits, A., Kanger, T. Synthesis and biological activity of bimorpholine and its carbanucleoside // *Nucleosides, nucleotides and nucleic acids* (2011) Vol. 30, p. 897-907.

Belikov, J., Kotta, Ü., Leibak, A. Transfer matrix and its Jacobson form for nonlinear systems on time scales : mathematica implementation // *Full Papers : 18th International Conference on Process Control '11 : June 14-17, 2011, Tatranska Lomnica, Slovakia. Bratislava : Slovak University of Technology, 2011. p. 141-146.*

* Blank, L., Panke, M., Stulova, I., Laht, T.-M. Dynamics of lactic acid bacteria throughout the ripening of semi-hard open texture cheeses // *Abstract book : 10-th Symposium on Lactic Acid Bacteria : Egmond aan Zee, Holland, 28 August - 01 September 2011. [S.l.], 2011.*

* Borissova, M., Vaher, M., Kaljurand, M. Sample plate modification for improvement of sensitivity in analysis of small molecules by MALDI-MS // *IUPAC International Congress for Analytical Sciences 2011 : Kyoto, Japan, May 22-26, 2011. [S.l.], 2011.*

* Drell, T., Lillsaar, T., Tummeleht, L., Simm, J., Väin, E., Saarma, I., Metsis, M. Vaginal microbiota of asymptomatic reproductive-age women in Estonia // *Keystone Symposia on Molecular and Cellular Biology, Colorado, USA, March 25-30 2011. [S.l.], 2011.*

Eek, P., Järving, R., Järving, I., Newcomer, M.E., Samel, N. 11R-lipoksügenaasi kristallstruktuuri mudel // *XXXII Eesti Keemiapäevad : teaduskonverentsi teesid. Tartu : Tartu Ülikooli Kirjastus, 2011. lk. 18.*

Golubovskaya, I., Wang, R., Timofejeva, L., Cande, Z. Maize meiotic mutants with improper or non-homologous synapsis due to problems in pairing or synaptonemal complex formation // *Journal of experimental botany* (2011) Vol. 62, 5, p. 1533-1544.

Gonzalez-Granillo, M., Karu-Varikmaa, M., Saaremäe, M., Michel, L., Käämbre, T., Saks, V., Guzun, R. Mitochondrial interactosome in energy metabolism in healthy and cancer cells // *Biophysical journal* (2011) Vol. 100, 3, suppl. 1, p. 298a-299a.

Gruselle, M., Kanger, T., Thouvenot, R., Flambard, A., Kriis, K., Mikli, V., Traksmaa, R., Maaten, B., Tõnsuaadu, K. Calcium hydroxyapatites as efficient catalysts for the Michael C-C bond formation // *ACS catalysis* (2011) Vol. 1, p. 1729-1733.

Gundersen, L.-L., Görbitz, C.H., Neier, L., Roggen, H., Tamm, T. Calculated tautomeric equilibria and X-ray structures of 2-substituted N-methoxy-9-methyl-9H-purin-6-amines // *Theoretical chemistry accounts* (2011) Vol. 129, 3/5, p. 349-359.

Guzun, R., Karu-Varikmaa, M., Gonzalez-Granillo, M., Kuznetsov, A., Michel, L., Cottet-Rousselle, C., Saaremäe, M., Käämbre, T., Metsis, M., Grimm, M., Auffray, C., Saks, V. Mitochondria-cytoskeleton interaction : distribution of β -tubulins in cardiomyocytes and HL-1 cells // *Biochimica et biophysica acta* (2011) Vol. 1807, 4, p. 458-469.

Haas, M., Hižnjakov, V., Klopov, M., Šelkan, A. Creation of defects and self-localized vibrations in crystals : effects of long-range forces in nonlinear dynamics // International Conference : FM&NT : Functional Materials and Nanotechnologies 2011 : University of Latvia, April 5-8 : conference program. Book of abstracts. Riga, 2011. p. 173.

Haas, M., Hižnjakov, V., Šelkan, A., Klopov, M., Sievers, A. Prediction of high-frequency intrinsic localized modes in Ni and Nb // *Physical review B* (2011) Vol. 84, p. 144303-1 - 144303-8.

Helmja, K., Käsper, A., Kudrjašova, M., Vaher, M. Capillary electrophoretic monitoring of products of enzymatic digestion of willow sawdust // *SustainChem2011* : International Conference on Materials and Technologies for Green Chemistry jointly with Workshop of COST Action CM0903 (UBIOCHEM-II) : September 5-9, 2011, Tallinn, Estonia : abstract book and program. [Tallinn] : Tallinn University of Technology, c2011. p. 105.

Helmja, K., Vaher, M. Tselluloosi hüdrolüüs ioonses vedelikus // XXXII Eesti Keemiapäevad : teaduskonverentsi teesid. Tartu : Tartu Ülikooli Kirjastus, 2011. lk. 25.

Helmja, K., Vaher, M., Kaljurand, M. Evaluation of the free radical scavenging capability of wheat extracts by capillary electrophoresis and multivariate curve resolution // *Electrophoresis* (2011) Vol. 32, 9, p. 1094-1100.

Helmja, K., Vaher, M., Püssa, T., Orav, A., Viitak, A., Levandi, T., Kaljurand, M. Variation in the composition of the essential oils, phenolic compounds and mineral elements of *Hypericum perforatum* L. growing in Estonia // *Natural product research* (2011) Vol. 25, 5, p. 496-510.

* Hižnjakov, V., Haas, M., Klopov, M., Šelkan, A. Creation of defects in solids: effect of long-range forces // *Advances in applied physics and materials science congress* : 12.-15.05.2011, Antalya, Turkey. Vol. 1. Istanbul, 2011. p. 467.

* Hižnjakov, V., Haas, M., Klopov, M., Šelkan, A. High frequency intrinsic localized modes in solids: an example of metallic Ni // *Book of abstracts. Programme* : 3rd

Bilateral Estonian-German Workshop "Strong Nonlinear Vibronic and Electronic Interactions in Solids" : Cottbus, Germany, June 13-15, 2011. Cottbus : Institute of Physics, Brandenburg University of Technology, 2011. p. 39.

Hussainov, M., Tätte, T., Kelp, G., Rand, R. Technique for experimental studying of elongational behavior of high reactivity viscoelastic liquids : application to alkoxide-based sol-gel precursors // International Workshop on Dynamics in Viscous Liquids III : Accademia Nazionale dei Lincei, Rome, March 30 - April 2, 2011 : abstracts booklet. [Rome], 2011. p. 126.

Hussainov, M., Tätte, T., Paalo, M., Gurauskis, J., Mändar, H., Lõhmus, A. Structure and rheological behavior of alkoxide-based precursors for drawing of metal oxide micro- and nanofibres // Advanced materials research (2011) Vol. 214, p. 354-358.

Juurma, B., Ploom, A. Steriilsed efektid Grignard'i reaktiivi reaktsioonides alkoksüülaanidega // XXXII Eesti Keemiapäevad : teaduskonverentsi teesid. Tartu : Tartu Ülikooli Kirjastus, 2011. lk. 27.

Jõgi, A., Paju, A., Kailas, T., Müürisepp, A.-M., Lopp, M. 3'hüdroksü-4'-asendatud-2'-deoksünukleosidi analoogide süntees // XXXII Eesti Keemiapäevad : teaduskonverentsi teesid. Tartu : Tartu Ülikooli Kirjastus, 2011. lk. 28.

Järveots, T., Põdersoo, D., Saar, T., Rüütel Boudinot, S., Lindjärv, R. Porcine proliferative enteropathy and Porcine Circovirus 2 infection in Estonia // Cutting Edge Pathology : Uppsala, 7.-10. September 2011 : abstracts. [Uppsala], 2011. p. 128.

Kaasik, F., Must, I., Torop, J., Peikolainen, A.-L., Aabloo, A. Ionic liquid-carbon-polymer composite actuator based on carbon aerogel electrodes // SustainChem2011 : International Conference on Materials and Technologies for Green Chemistry jointly with Workshop of COST Action CM0903 (UBIOCHEM-II) : September 5-9, 2011, Tallinn, Estonia : abstract book and program. [Tallinn] : Tallinn University of Technology, c2011. p. 112.

Kaasik, F., Torop, J., Peikolainen, A.-L., Koel, M., Aabloo, A. Carbon aerogel based electrode material for EAP actuators // Proceedings of SPIE (2011) Vol. 7976, p. 79760O-1 - 79760O-8.

Kaer, K., Branovets, J., Hallikma, A., Nigumann, P., Speek, M. Intronic L1 retrotransposons and nested genes cause transcriptional interference by inducing intron retention, exonization and cryptic polyadenylation // PLoS ONE (2011) Vol. 6, 10, p. e26099 [20] p.

Kahru, A., Ivask, A., Blinova, I., Kasemets, K., Bondarenko, O., Mortimer, M., Heinlaan, M., Käkinen, A., Aruoja, V. Nano(eco)toxicology : science at the interfaces // SustainChem2011 : International Conference on Materials and Technologies for Green Chemistry jointly with Workshop of COST Action CM0903 (UBIOCHEM-II) : September 5-9, 2011, Tallinn, Estonia : abstract book and program. [Tallinn] : Tallinn University of Technology, [2011]. p. 22.

Kaljurand, M., Koel, M. Green analytical separation methods // Challenges in green analytical chemistry. Cambridge : RSC Publishing, 2011. p. 168-198. (RSC Green Chemistry No. 13).

Kaljurand, M., Koel, M. Recent advancements on greening analytical separation // Critical reviews in analytical chemistry (2011) Vol. 41, 1, p. 2-20.

Kaljurand, M., Vaher, M., Koel, M. Green analytical chemistry : setting a strategic direction // SustainChem2011 : International Conference on Materials and Technologies for Green Chemistry jointly with Workshop of COST Action CM0903 (UBIOCHEM-II) : September 5-9, 2011, Tallinn, Estonia : abstract book and program. [Tallinn] : Tallinn University of Technology, c2011. p. 61.

Kalvet, I., Tammiku-Taul, J., Mäeorg, U., Sikk, L. CuI katalüüsitud asiid-alküün tsüklooliitumise arvutuslik uurimine // XXXII Eesti Keemiapäevad : teaduskonverentsi teesid. Tartu : Tartu Ülikooli Kirjastus, 2011. lk. 37.

Kalvet, I., Mäeorg, U., Tammiku-Taul, J., Sikk, L. Computational study of copper-catalyzed alkyne-azide cycloaddition reaction // The 13th European Symposium on Organic Reactivity ESOR XIII : Tartu, Estonia, 11-16 September 2011 : [book of abstracts]. [Tartu] : University of Tartu, 2011. p. 98.

Kanger, T. Organocatalytic enantioselective domino reactions leading to poly-substituted n-heterocycles // SustainChem2011 : International Conference on Materials and Technologies for Green Chemistry jointly with Workshop of COST Action CM0903 (UBIOCHEM-II) : September 5-9, 2011, Tallinn, Estonia : abstract book and program. [Tallinn] : Tallinn University of Technology, [2011]. p. 44.

Kaplanski, F., Fukumoto, Y., Rudi, Y. Reynolds-number effect on vortex ring evolution // Recent Progresses in Fluid Dynamics Research : proceedings of the Sixth International Conference on Fluid Mechanics : 30 June - 3 July, 2011, Guangzhou, China. [S.l.] : American Institute of Physics, 2011. p. 57-60.

Karelson, M. Theoretical chemistry and molecular design // Research in Estonia : present and future. Tallinn : Estonian Academy of Sciences, 2011. p. 336-338.

Karelson, M., Dobchev, D. Using artificial neural networks to predict cell-penetrating compounds // Expert opinion drug discovery (2011) Vol. 6, 8, p. 783-796.

Kartušinski, A., Siirde, A., Rudi, Ü., Shablinsky, A. Numerical simulation of uprising gas and solids flow in Cfb by Euler/Euler approach // 10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 10-15, 2011. [Tallinn] : Estonian Society of Moritz Hermann Jacobi, 2011. p. 169-173.

Kartušinski, A., Michaelides, E., Rudi, Ü., Tisler, S., Štšeglov, I. Numerical simulation of three-dimensional gas-solid particle flow in a horizontal pipe // AIChE journal (2011) Vol. 57, 11, p. 2977-2988.

* Kartušinski, A., Rudi, Ü., Štšeglov, I., Tisler, S., Hussainov, M. Deposition of solid particles at streamlined surface in turbulent flow // Dynamics of non-spherical particles in fluid turbulence, Udine Italy, 2011, April 6-8. [S.l.], 2011. [1] p.

Kartušinski, A., Siirde, A. Mathematical modelling of the motion of dust-laden gases in the freeboard of CFB using the two-fluid approach // Computational simulations and applications. Rijeka : InTech, 2011. p. 143-158.

Kartušinski, A., Siirde, A., Rudi, Ü., Shablinsky, A. Mathematical model of two-phase flows loaded with light and heavy particles to analyze CFB processes // Oil shale (2011) Vol. 28, 1S, p. 169-180.

Karu-Varikmaa, M., Metsis, M., Guzun, R., Käämbre, T., Grichine, A., Saks, V. Investigation of interactions between mitochondrial creatine kinase and ATP/ADP channel // FEBS journal (2011) Vol. 278, S1, p. 374-375.

Karu-Varikmaa, M., Saaremäe, M., Sikk, P., Käämbre, T., Metsis, M., Saks, V. Regulation of mitochondrial respiration by different tubulin isoforms in vivo // Biophysical journal (2011) Vol. 100, 3, Suppl. 1, p. 459a.

Kasemets, K., Janno, J. Reconstruction of a source term in a parabolic integro-differential equation from final data // Mathematical modelling and analysis (2011) Vol. 16, 2, p. 199-219.

Kask, E., Raadik, T., Grossberg, M., Josepson, R., Krustok, J. Deep defects in Cu₂ZnSnS₄ monograin solar cells // Energy procedia (2011) Vol. 10, p. 261-265.

Kask, M., Pruunsild, P., Timmusk, T. Bidirectional transcription from human LRRTM2/CTNNA1 and LRRTM1/CTNNA2 gene loci leads to expression of N-terminally truncated CTNNA1 and CTNNA2 isoforms // Biochemical and biophysical research communications (2011) Vol. 411, 1, p. 56-61.

Kazarjan, J., Vaher, M. Ionsed vedelikud neutraalsete suhkrute analüüsis kapillaar-elektroforeesi meetodil // XXXII Eesti Keemiapäevad : teaduskonverentsi teesid. Tartu : Tartu Ülikooli Kirjastus, 2011. lk. 40.

Katargina, O., Geller, J., Vasilenko, V., Kuznetsova, T., Järvekiilg, L., Vene, S., Lundkvist, A., Golovljova, I. Detection and characterization of babesia species in ixodes ticks in Estonia // Vector-borne and zoonotic diseases (2011) Vol. 11, 7, p. 923-928.

* Khanduri, H., Chandra, M., Kooskora, H., Heinmaa, I., Krustok, J., Stern, R. Structural, magnetic and NMR studies of polycrystalline Y-type Hexaferrites // ECerS XII : the 12th Conference of the European Ceramic Society : Stockholm, Sweden, June 19-23, 2011. [Stockholm], 2011.

* Klopov, M. Pishtshev, A. Local lattice distortions induced by impurities in MgB₂ : an integrated view from first principle calculations // 14th International Density Functional Theory Conference : Ateena, 2011, 29 August - 02 September. Ateena, 2011. p. 55.

Kobrin, E.-G., Knjazeva, T., Kuban, P., Seiman, A., Vaher, M., Kaljurand, M. Keskkonnaproovide laboriväline ekstraktsioon ja kapillaarelektroforeetiline analüüs // XXXII Eesti Keemiapäevad : teaduskonverentsi teesid. Tartu : Tartu Ülikooli Kirjastus, 2011. lk. 43.

Kobzar, G., Mardla, V., Samel, N. Short-term exposure of platelets to glucose impairs inhibition of platelet aggregation by cyclooxygenase inhibitors // *Platelets* (2011) Vol. 22, 5, p. 338-344.

Koel, M. Roheline analüütiline keemia // Tallinna Tehnikaülikooli aastaraamat 2010. [Tallinn] : TTÜ kirjastus, c2011. lk. 290-292.

Koel, M., Borissova, M., Vaher, M., Kaljurand, M. Developments in the application of Green Chemistry principles to food analysis : capillary electrophoresis for the analysis of ingredients in food products // *AgroFOOD industry hi-tech* (2011) Vol. 22, 5, p. 27-29.

Kolesnikov, Y., Gabovits, B., Levin, A., Voiko, E., Veske, A. Combined catechol-O-methyltransferase and [micro]-opioid receptor gene polymorphisms affect morphine postoperative analgesia and central side effects // *Anesthesia and analgesia* (2011) Vol. 112, 2, p. 448-453.

Kovács, J., Kacsuk, P., Lomaka, A. Using a private desktop grid system for accelerating drug discovery // *Future generation computer systems* (2011) Vol. 27, 6, p. 657-666.

Krabbi, K., Uudelepp, M.-L., Joost, K., Zordania, R., Õunap, K. Long-term complications in Estonian galactosemia patients with a less strict lactose-free diet and metabolic control // *Molecular genetics and metabolism* (2011) Vol. 103, 3, p. 249-253.

Kriis, K., Pehk, T., Kanger, T., Lopp, M. 3-asabitsüklo[3.2.0]heptaani derivaatide stereoselektiivne süntees // XXXII Eesti Keemiapäevad : teaduskonverentsi teesid. Tartu : Tartu Ülikooli Kirjastus, 2011. lk. 46.

Kriščiunaite, T., Stulova, I., Kabanova, N., Laht, T.-M., Vilu, R. The effect of hydrogen peroxide on the growth of thermophilic lactic starter and acid gelation of UHT milk // *International dairy journal* (2011) Vol. 21, p. 239-246.

* Kuban, P. Portable microcolumn separation systems for on-site analysis // *Separation Science Asia 2011, Singapore*. [S.l.], 2011.

Kuban, P. Capillary electrophoresis – towards a sustainable analytical solution for multianalyte // *SustainChem2011 : International Conference on Materials and Technologies for Green Chemistry jointly with Workshop of COST Action CM0903 (UBIOCHEM-II) : September 5-9, 2011, Tallinn, Estonia : abstract book and program*. [Tallinn] : Tallinn University of Technology, [2011]. p. 63.

Kubáň, P., Seiman, A., Kaljurand, M. Improving precision of manual hydrodynamic injection in capillary electrophoresis with contactless conductivity detection // *Journal of chromatography A* (2011) Vol. 1218, 9, p. 1273-1280.

Kuban, P., Seiman, A., Makarõtseva, N., Vaher, M., Kaljurand, M. *In situ* determination of nerve agents in various matrices by portable capillary electropherograph with contactless conductivity detection // *Journal of chromatography A* (2011) Vol. 1218, p. 2618-2625.

Kulp, M., Bragina, O., Kogerman, P., Kaljurand, M. Capillary electrophoresis with led-induced native fluorescence detection for determination of isoquinoline alkaloids and their cytotoxicity in extracts of *Chelidonium majus* L. // *Journal of chromatography A* (2011) Vol. 1281, 31, p. 5298-5304.

Kurvits, J. Proportsionaalse mõtlemise areng // *Koolimatemaatika XXXVIII*. Tartu : Tartu Ülikooli Kirjastus, 2011. lk. 34-39.

Kõllo, M., Aav, R., Lopp, M. 9,11-sekosterooli D-ringi vaheühendi süntees ja suhtelise konfiguratsiooni määramine // *XXXII Eesti Keemiapäevad : teaduskonverentsi teesid*. Tartu : Tartu Ülikooli Kirjastus, 2011. lk. 52.

* Kärblane, K., Gerassimenko, J., Maloverjan, A., Smialowska, A., Nigul, L., Truve, E., Sarmiento, C. HsRLI is the first human endogenous suppressor of RNA silencing identified // *Keystone Symposia : Mechanism and Biology of Silencing*. Monterey, CA. [S.l.], 2011.

Laars, M., Ausmees, K., Kudrjashova, M., Kanger, T., Werner, F. rac-2,2'-Bipiperidine-1,1'-diium dibromide // *Acta crystallographica section E : structure reports online* (2011) E67, p. o1324.

Laas, K., Mankin, R., Reiter, E. Influence of memory time on the resonant behavior of an oscillatory system described by a generalized Langevin equation // *International journal of mathematical models and methods in applied sciences* (2011) Vol. 5, 2, p. 280-289.

Lahtvee, P.-J., Adamberg, K., Arike, L., Nahku, R., Aller, K., Vilu, R. Multi-omics approach to study the growth efficiency and amino acid metabolism in *Lactococcus lactis* at various specific growth rates // *Microbial cell factories* (2011) Vol. 10, Article no. 12.

Leeben, A., Alliksaar, T., Heinsalu, A., Freiberg, R., Lepane, V., Tõnno, I. Similar and different features in the palaeolimnology of two connected shallow large lakes over the last 100 years (north-eastern Europe) // *The 7th International Shallow Lake Conference : Conservation, Management and Restoration of Shallow Lake Ecosystems Facing Multiple Stressors* : Wuxi, China, April 24-28 : programs and abstracts. [S.l.], 2011. p. 115-116.

Leibak, A., Puusemp, P. On determinability of idempotent medial commutative quasigroups by their endomorphism semigroups // *Proceedings of the Estonian Academy of Sciences* (2011) Vol. 60, 2, p. 81-87.

Leito, I., Kaljurand, M. Analytical chemistry // *Research in Estonia : present and future*. Tallinn : Estonian Academy of Sciences, 2011. p. 319-325.

Lepane, V., Künnis-Beres, K., Gorohhova, J., Kaup, E. HPLC analysis of chromophoric dissolved organic matter in Antarctic soil core : comparison with microbiology data // *Soil Interfaces in a Changing World : 6th ISMOM : International Symposium of Interactions of Soil Minerals with Organic Components and Microorganisms* : 26th June – 1st July 2011 Montpellier, France : book of abstracts. [Montpellier], 2011. p. 88.

* Lepane, V., Soret, A., Makarõševa, N. Characterization of pore water Fe-NOM complexes by HPSEC-ETAAS // Programme and abstracts : 13th Nordic-Baltic IHSS Symposium. The role of natural organic matter in the environment : Oskarsborg, Norway, June 19-22, 2011. [S.l.], 2011. p. 29. (Bioforsk FOKUS ; 6).

Lillepruun, M., Robal, T., Lõokene, A. Triglütseriinide metabolismis osalev angiopoietiini-sarnane valk 4-struktuur ja oligomerisatsioon // XXXII Eesti Keemiapäevad : teaduskonverentsi teesid. Tartu : Tartu Ülikooli kirjastus, 2011. lk. 55.

Lippur, K., Kudrjašova, M., Kanger, T. Morfoliini derivaatidega asendatud kino-loomide süntees // XXXII Eesti Keemiapäevad : teaduskonverentsi teesid. Tartu : Tartu Ülikooli kirjastus, 2011. lk. 57.

Lopp, A., Kelve, M. Lihtsad, aga mitte primitiivsed loomad [käsna] // Eesti Loodus (2011) 6/7, lk. 12-18.

Lopp, M. Organic chemical synthesis // Research in Estonia : present and future. Tallinn : Estonian Academy of Sciences, 2011. p. 332-335.

Lopp, M., Paju, A., Oja, K., Lumi, P., Matkevich, K. Catalytic asymmetric oxidation of 1,2-diketones // SustainChem2011 : International Conference on Materials and Technologies for Green Chemistry jointly with Workshop of COST Action CM0903 (UBIOCHEM-II) : September 5-9, 2011, Tallinn, Estonia : abstract book and program. [Tallinn] : Tallinn University of Technology, c2011. p. 40.

Luthringer, B., Isbert, S., Müller, W.E., Zilberberg, C., Thakur, N.L., Wörheide, G., Stauber, R.H., Kelve, M., Wiens, M. Poriferan survivin exhibits a conserved regulatory role in the interconnected pathways of cell cycle and apoptosis // Cell death and differentiation (2011) Vol. 18, 2, p. 201-213.

* Makarõševa, N., Bikovens, O., Alliksaar, T., Lepane, V. Structural analysis of sediments from Lake Peipsi, Estonia, by FTIR and Py-GC/MS // Programme and Abstracts : 13th Nordic-Baltic IHSS Symposium. The role of natural organic matter in the environment : Oskarsborg, Norway, June 19-22, 2011. [S.l.], 2011. p. 30. (Bioforsk FOKUS ; 6).

Menert, A., Kallaste, T., Laur, A., Vaalu, T. Tehnoloogilised võimalused biogaasi tootmiseks Eestis // Keskkonnatehnika (2011) 6, lk. 28-32.

Mihhalevski, A., Sarand, I., Viiard, E., Salumets, A., Paalme, T. Growth characterization of individual rye sourdough bacteria by isothermal microcalorimetry // Journal of applied microbiology (2011) Vol. 110, 2, p. 529-540.

* Moon, J., Timofejeva, L., Lee, S. et al. Characterization of novel anther mutants in maize // 53rd Annual Maize Genetics Conference Abstracts : St. Charles, Illinois, USA, March 17-20, 2011. [S.l.], 2011. p. P096.

Moor, M., Berger, S., Davison, J., Öpik, M., Bommarco, R., Bruehlheide, H., Kühn, I., Kunin, W., Metsis, M., Rortais, A., Vanatoa, A., Vanatoa, E., Stout, J., Truusa, M., Westphal, C., Zobel, M., Walther, G.-R. Alien plants associate with widespread generalist arbuscular mycorrhizal fungal taxa : evidence from a

continental-scale study using massively parallel 454 sequencing // *Journal of biogeography* (2011) Vol. 38, 7, p. 1305-1317.

Nilsson, E.C., Storm, R.J., Bauer, J., Johansson, S.M., Löökene, A., ... et al. The GD1a glycan is a cellular receptor for adenoviruses causing epidemic keratoconjunctivitis // *Nature medicine* (2011) Vol. 17, 1, p. 105-110.

Noole, A., Borissova, M., Lopp, M., Kanger, T. Asümmeetriline organokatalüütiline 1,4-dihüdropüridiinide süntees // XXXII Eesti Keemiapäevad : teaduskonverentsi teesid. Tartu : Tartu Ülikooli Kirjastus, 2011. lk. 64.

Noole, A., Borissova, M., Lopp, M., Kanger, T. Enantioselective organocatalytic azane-type domino reaction leading to 1,4-dihydropyridines // *The journal of organic chemistry* (2011) Vol. 76, p. 1538-1545.

Oja, K., Paju, A., Pehk, T., Lopp, M. 3-bensüül-2,4-dihüdroksütsüklopent-2-eenoonide süntees ja asümmeetriline oksüdatsioon // XXXII Eesti Keemiapäevad : teaduskonverentsi teesid. Tartu : Tartu Ülikooli Kirjastus, 2011. lk. 66.

* Ojangu, E.-L., Järve, K., Paves, H., Truve, E. Arabidopsis class XI myosins display partially redundant functions in the differentiation of epidermal cells as well as of reproductive organs // 9. Plant Genomics European Meeting. Istanbul, May 4-7. [S.l.], 2011. p. 82.

Olsper, A., Arike, L., Peil, L., Truve, E. Sobemovirus RNA linked to VPg over a threonine residue // *FEBS letters* (2011) Vol. 585, 19, p. 2979-2985.

Olsper, A., Peil, L., Hebrard, E., Fargette, D., Truve, E. Protein–RNA linkage and post-translational modifications of two sobemovirus VPgs // *Journal of general virology* (2011) Vol. 92, 2, p. 445-452.

Orav, A., Arak, E., Boikova, T., Raal, A. Essential oil in *Betula* spp. leaves naturally growing in Estonia // *Biochemical systematics and ecology* (2011) Vol. 39, p. 744-748.

Orav, A., Arak, E., Raal, A. Essential oil composition of *Coriandrum sativum* L. fruits from different countries // *Journal of essential oil bearing plants* (2011) Vol. 14, p. 118-123.

Osadchuk, I., Tamm, T. Titaan-tsüklopentaandiooni-komplekside modell[erimine] // XXXII Eesti Keemiapäevad : teaduskonverentsi teesid. Tartu : Tartu Ülikooli Kirjastus, 2011. lk. 69.

Paal, E., Virkepu, J. Jacobi operators of quantum counterparts of three-dimensional real Lie algebras over the harmonic oscillator // *Algebra, geometry and mathematical physics*. Warszawa : Polish Academy of Sciences, 2011. p. 199-209. (Banach Center Publications ; Vol. 93).

Pahtma, M. Valkude signalseerimise regulaator 16 (RGS16) : mõju kasvaja arengule, viirusinfektsioonile ja tsütokiinide ekspressioonile hiirtes // TTÜ üliõpilaste teadustööde konkursi kokkuvõtted : Tipika teaduskonverents, 24. november 2011, Tallinn. Tallinn : Tallinna Tehnikaülikool, 2011. lk. 10.

Pahtma, M., Saar, R., Suurväli, J., Cavaillon, J.-M., Rüütel-Boudinot, S. Effect of RGS16 silencing on monocyte activation // Scandinavian journal of immunology (2011) Vol. 73, 4, p. 363.

Palk, K., Borissova, M. Kapillaarelektroforees derivatiseerimata rasvhapete analüüsis // XXXII Eesti Keemiapäevad : teaduskonverentsi teesid. Tartu : Tartu Ülikooli Kirjastus, 2011. lk. 72.

Palmre, V., Lust, E., Jänes, A., Koel, M., Peikolainen, A.-L., Torop, J., Johanson, U., Aabloo, A. Electroactive polymer actuators with carbon aerogel electrodes // Journal of materials chemistry (2011) Vol. 21, p. 2577-2583.

Palumaa, P., Zovo, K. Rakulise vase proteoomi süsteemibioloogia // XXXII Eesti Keemiapäevad : teaduskonverentsi teesid. Tartu : Tartu Ülikooli Kirjastus, 2011. lk. 73.

Paredez, A., Assaf, Z., Sept, D., Timofejeva, L., Dawson, S., Wang, R., Cande, Z. An actin cytoskeleton with evolutionarily conserved functions in the absence of canonical actin-binding proteins // PNAS (2011) Vol. 108, 15, p. 6151-6156.

Paves, H. Müürlooga tolmukas : [auhinnatud fotost] // Eesti Loodus (2011) 3, lk. 32-33.

Peikolainen, A.-L., Koel, M. Orgaanilised aerogelid 5-metüülresortsinooli baasil // XXXII Eesti Keemiapäevad : teaduskonverentsi teesid. Tartu : Tartu Ülikooli Kirjastus, 2011. lk. 77.

Pihlak, M. Using Edgeworth expansion approximating two- and three-dimensional probability distribution functions // 2011 World Congress on Engineering and Technology (CET) Oct. 28 - Nov. 2, 2011, Shanghai, China. [S.l.] : IEEE, 2011. [4] p.

* Pitk, P., Kõrgmaa, V., Vilu, R. Methane potential of sterilized solid slaughterhouse wastes // 8th IWA International Symposium on Waste Management Problems in Agroindustries : Çeşme, Turkey. [S.l.], 2011.

* Pitk, P., Pürjer, J., Kõrgmaa, V., Vilu, R. Bio-waste resource for sustainable anaerobic waste treatment solution on Island Saaremaa, Estonia // ADSW&EC : International IWA-Symposium on Anaerobic Digestion of Solid Waste and Energy Crops : August 28 - September 1, 2011, Vienna, Austria. [S.l.], 2011.

Pitk, P., Pürjer, J., Vilu, R. Reoveesette ja biojäätmete kooskäaritamise energeetiline potentsiaal ning probleemid Kuressaare näitel // TEUK XIII : taastuvate energiaallikate uurimine ja kasutamine : kolmeteistkümnenda konverentsi kogumik : [10. november 2011, Tartu]. Tartu : Eesti Maaülikool, 2011. lk. 6-17.

Ploom, A., Tuulmets, A. Grignard reaction with organosilanes // The 13th European Symposium on Organic Reactivity ESOR XIII : Tartu, Estonia, 11-16 September 2011 : [book of abstracts]. [Tartu] : University of Tartu, 2011. p. 88.

Ploom, A., Tuulmets, A., Järv, J. Structure-reactivity relationships in organosilicon chemistry revisited // *Central European journal of chemistry* (2011) Vol. 9, 5, p. 2910-916.

Pruunsild, P., Sepp, M., Orav, E., Koppel, I., Timmusk, T. Identification of cis-elements and transcription factors regulating neuronal activity-dependent transcription of human BDNF gene // *The journal of neuroscience* (2011) Vol. 31, 9, p. 3295-3308.

Pustõnski, V.-V., Pustõlnik, I.B. Influence of parameters of pre-cataclysmic binaries on their light curves // *Ученые записки Казанского университета* (2011) Vol. 153, 2, p. 126-131.

Puusemp, P. Endomorphisms and endomorphism semigroups of groups // *Mathematics, game theory and algebra compendium*. Vol. 2. [S.l.] : Nova Science Publishers, 2011. p. 445-471.

Põldma, P., Tõnutare, T., Viitak, A., Luik, A., Moor, U. Effect of selenium treatment on mineral nutrition, bulb size, and antioxidant properties of garlic (*Allium sativum* L.) // *Journal of agricultural and food chemistry* (2011) Vol. 59, 10, p. 5498-5503.

Päll, T., Pink, A., Kasak, L., Turkina, M., Anderson, W., Valkna, A., Kogerman, P. Soluble CD44 interacts with intermediate filament protein vimentin on endothelial cell surface // *PLoS ONE* (2011) Vol. 6, 12, p. e29305.

Raal, A., Kaur, H., Orav, A., Arak, E., Kailas, T., Müürišep, M. Content and composition of essential oils in some Asteraceae species // *Proceedings of the Estonian Academy of Sciences* (2011) Vol. 60, 1, p. 55-63.

Raal, A., Orav, A., Arak, E. Essential oil composition of *Foeniculum vulgare* Mill. fruits from pharmacies in different countries // *Natural product research* (2011) [6] p., iFirst.

Reile, I., Paju, A., Lopp, M. Keto-enool tautomeeride tasakaal tsüklopentaan-1,2-dioonides // *XXXII Eesti Keemiapäevad : teaduskonverentsi teesid*. Tartu : Tartu Ülikooli Kirjastus, 2011. lk. 83.

Reile, I., Paju, A., Müürišep, A.-M., Pehk, T., Lopp, M. Oxidation of cyclopentane-1,2-dione: a study with ¹⁸O labeled reagents // *Tetrahedron* (2011) Vol. 67, p. 5942-5948.

Reimund, M., Robal, T., Lillepruun, M., Lõokene, A. Glükosüülfosfatidüülinositool ankurdatud kõrge tihedusega lipoproteiine siduva valk ühe N-terminaalse domääni roll interaktsioonis lipoproteiinlipaasiga // *XXXII Eesti Keemiapäevad : teaduskonverentsi teesid*. Tartu : Tartu Ülikooli Kirjastus, 2011. lk. 84.

Reitel, K., Kudrjašova, M., Kanger, T. Ioonsele vedelikule seotud bipiperidiini derivaadi süntees ja rakendus organokatalüüsis // *XXXII Eesti Keemiapäevad : teaduskonverentsi teesid*. Tartu : Tartu Ülikooli Kirjastus, 2011. lk. 86.

* Rikmann, E., Zekker, I., Tomingas, M., Tenno, T., Menert, A., Loorits, L., Tenno, T. Sulfate-reducing anaerobic ammonium oxidation as a potential treatment method for high nitrogen-content wastewater // *AGRO 2011 : 8th IWA International*

Symposium on Waste Management Problems in Agroindustries : Cesme, Izmir, Turkey, 22-24 June 2011 : proceedings. 2. [S.l.], 2011. p. 755-762.

Robal, T., Lillepruun, M., Reimund, M., Lõokene, A. Uued mehhanismid lipoproteiinlipaasi aktiivsuse ja stabiilsuse regulatsioonis // XXXII Eesti Keemiapäevad : teaduskonverentsi teesid. Tartu : Tartu Ülikooli Kirjastus, 2011. lk. 87.

Roggen, H., Bohlin, L., Burman, R., Charnock, C., Felth, J., Görbitz, C.H., Larsson, R., Tamm, T., Gundersen, L.-L. 2-Substituted agelazine analogs: Synthesis and biological activity, and structure and reactivity of synthetic intermediates // Pure and applied chemistry (2011) Vol. 83, 3, p. 645-653.

Saaremäe, M., Pahtma, M., Saar, R., Nutt, A., Rüütel Boudinot, S. Involvement of RGS16 in PCV2 pathogenesis // 6th International Symposium on Emerging and Re-emerging Pig Diseases : Barcelona, 12-15 June 2011 : proceedings. [S.l.], 2011. p. 84.

Saarma, M., Arumäe, U. New family of neurotrophic factors with great therapeutic potential // Estonia : member state of NATO and the EU : international business handbook 2011-2012. Tallinn : Euroinformer, [2011]. p. 192-207.

Samel, N. Organic and bioorganic chemistry // Research in Estonia : present and future. Tallinn : Estonian Academy of Sciences, 2011. p. 329-332.

Seiman, A., Vaher, M., Kaljurand, M. Thermal marks as a signal processing aid for a portable capillary electropherograph // Electrophoresis (2011) Vol. 32, 9, p. 1006-1014.

Sepp, M., Kannike, K., Eesmaa, A., Urb, M., Timmusk, T. Functional diversity of human basic helix-loop-helix transcription factor TCF4 isoforms generated by alternative 5' exon usage and splicing // PLoS ONE (2011) Vol. 6, 7, p. e22138 [14] p.

Shmatova, E., Werner, F., Tarma, K., Öeren, M., Borissova, M., Aav, R. Uus enantiomeerne poolkukurbit[6]juriil // XXXII Eesti Keemiapäevad : teaduskonverentsi teesid. Tartu : Tartu Ülikooli Kirjastus, 2011. lk. 92.

Simm, J. Bitcoin – odav ja kiire küberraaha // Arvutimaailm (2011) 9, lk. 50-51.

Simm, J., Sugiyama, M., Kato, T. Computationally efficient multi-task learning with least-squares probabilistic classifiers // IPSJ transactions on computer vision and applications (2011) Vol. 3, Feb., [8] p.

* Stulova, I., Kabanova, N., Kriščiunaite, T., Taivosalo, A., Laht, T.-M., Vilu, R. A microcalorimetric study of the growth of Streptococcus thermophilus ST12 in irradiated milk and rennet curd // Abstract book : 10-th Symposium on Lactic Acid Bacteria : Egmond aan Zee, Holland, 28.august - 01.september 2011. [S.l.], 2011.

Stulova, I., Kabanova, N., Kriščiunaite, T., Laht, T.-M., Vilu, R. The effect of milk heat treatment on the growth characteristics of lactic acid bacteria // Agronomy research (2011) 9, S2, p. 473-478.

Suun, S., Pehk, T., Kaljuste, K., Tamp, J., Jarvet, J., Aav, R. Bitsüklo[3.3.0]oktaanide suhtelise konfiguratsiooni määramine 1H-13C spinn-spinn sidestuskonstantide abil //

XXXII Eesti Keemiapäevad : teaduskonverentsi teesid. Tartu : Tartu Ülikooli Kirjastus, 2011. lk. 96.

Suurväli, J. Suured sammud oma ja omandatud immuunsuse uurimisel // Horisont (2011) 6, lk. 28-31.

Suurväli, J., Põdersoo, D., Saar, R., Nutt, A., Saaremäe, M., Sambrek, A., Saar, T., Rüütel-Boudinot, S. Presence of H1N1 Influenza 2009 within four Estonian swine herds // 6th International Symposium on Emerging and Re-emerging Pig Diseases : Barcelona, 12-15 June 2011 : proceedings. [S.l.], 2011. p. 263.

Suurväli, J., Saar, R., Saaremäe, M., Pahtma, M., Nutt, A., Paalme, V., Rüütel-Boudinot, S. RGS16 is involved in the TLR-mediated expression of proinflammatory cytokines and the receptors CD14 and C5aR // Scandinavian journal of immunology (2011) Vol. 73, 4, p. 366-367.

Zekker, I., Kroon, K., Rikmann, E., Tenno, T., Menert, A., Tenno, T. Anaeroobse ammoniumlämmastiku oksüdatsiooni protsessi kiirendamine NH₂OH ja N₂H₄-ga // XXXII Eesti Keemiapäevad : teaduskonverentsi teesid. Tartu : Tartu Ülikooli Kirjastus, 2011. lk. 114.

Zekker, I., Rikmann, E., Tenno, T., Menert, A., Kroon, K., Tomingas, M., Vabamäe, P., Tenno, T. Anaerobic ammonium oxidation process performance with optimum bicarbonate concentration // Agricultural research : abstract book from the 4th Annual International Symposium on Agricultural Research : 18-21 July 2011, Athens, Greece. Athens : The Athens Institute for Education and Research, 2011. p. 69-71.

* Zekker, I., Rikmann, E., Tenno, T., Menert, A., Lemmiksoo, V., Kolberg, K., Tenno, T. Effect of bicarbonate concentration on Anaerobic ammonium oxidation for efficient autotrophic nitrogen removal // IWA Specialist Conference Water and Industry : Valladolid, Spain, 1-4 May 2011 : final program. [Valladolid], 2011. p. 16.

Zekker, I., Rikmann, E., Tenno, T., Menert, A., Lemmiksoo, V., Saluste, A., Tenno, T., Tomingas, M. Modification of nitrifying biofilm into nitritating one by combination of increased free ammonia concentrations, lowered HRT and dissolved oxygen concentration // Journal of environmental sciences (2011) Vol. 23, 7, p. 1113-1121.

* Zekker, I., Rikmann, E., Tenno, T., Saluste, A., Lemmiksoo, V., Menert, A., Loorits, L., Tenno, T. Achieving nitritation and anammox enrichment in single moving bed biofilm reactor treating reject water // AGRO 2011 : 8th IWA International Symposium on Waste Management Problems in Agroindustries : Cesme, Izmir, Turkey, 22-24 June 2011 : proceedings. 2. [S.l.], 2011. p. 827-828.

* Zekker, I., Tenno, T., Tenno, T., Lemmiksoo, V., Rikmann, E., Menert, A., Kolberg, K., Tomingas, M., Kroon, K., Vabamäe, P. Specific nitrite oxidation rate on high surfaced biofilm carriers dependent on free ammonia and temperature // 2nd Workshop on Bacterial and Fungal Biofilms : Ghent University Center for Sociomicrobiology, 22 September 2011. [Ghent], 2011.

Zusmanovich, P. How Euler would compute the Euler–Poincaré characteristic of a Lie superalgebra // *Expositiones mathematicae* (2011) Vol. 29, Iss. 3, p. 345–360.

* Tamberg, G. Exact values of truncation errors for generalized sampling operators [Electronic resource] // *Proceedings of 9th International Conference on Sampling Theory and Applications 2-6 May 2011, Nanyang Technological University, Singapore*. Singapore : Nanyang Technological University, 2011. [4] p. [USB mälu-pulk].

Tomingas, M., Zekker, I., Rikmann, E., Tenno, T., Menert, A., Kroon, K., Tenno, T. Biological treatment of anaerobic digester supernatant by anaerobic ammonium oxidation method in UASB system // *SustainChem2011 : International Conference on Materials and Technologies for Green Chemistry jointly with Workshop of COST Action CM0903 (UBIOCHEM-II) : September 5-9, 2011, Tallinn, Estonia : abstract book and program*. [Tallinn] : Tallinn University of Technology, c2011. p. 140.

Trummal, K., Tõnismägi, K., Bragina, O., Paalme, V., Järvekülg, L., Siigur, J., Siigur, E. Similarities and differences of snake venom nerve growth factors // *17th Congress of the European Section of the International Society on Toxinology : September 11-15, 2011, Valencia, Spain : program & abstracts book*. Valencia, 2011. p. 158.

Trummal, K., Tõnismägi, K., Paalme, V., Järvekülg, L., Siigur, J., Siigur, E. Molecular diversity of snake venom nerve growth factors // *Toxicon* (2011) Vol. 58, 4, p. 363-368.

Truve, E. Estonian research infrastructures roadmap – plant biology infrastructure among the chosen 20 infrastructures supported in Estonia // *EPSO news* (2011) 19, p. 8.

Tõugu, V., Tiiman, A., Palumaa, P. Interactions of Zn(II) and Cu(II) ions with Alzheimer's amyloid-beta peptide. Metal ion binding, contribution to fibrillization and toxicity // *Metallomics* (2011) Vol. 3, p. 250-261.

Tõugu, V., Tiiman, A., Palumaa, P. Vaskioonide roll Alzheimeri amüloidse beeta peptiidi agregatsioonil ja toksilisusel // *XXXII Eesti Keemiapäevad : teaduskonverentsi teesid*. Tartu : Tartu Ülikooli Kirjastus, 2011. lk. 102.

Tätte, T., Hussainov, M., Paalo, M., Part, M., Talviste, R., Kiisk, V., Mändar, H., Põhako, K., Pehk, T., Reivelt, K., Natali, M., Gurauskis, J., Lõhmus, A., Mäeorg, U. Alkoxide-based precursors for direct drawing of metal oxide micro- and nanofibres // *Science and technology of advanced materials* (2011) Vol. 12, 3, [12] p.

* Vaher, M., Borissova, M., Truus, K., Tuvikene, R., Robal, M., Kaljurand, M. Characterization of the yew tree (*Taxus*) subspecies by fingerprints and principal components analysis // *IUPAC International Congress on Analytical Sciences 2011 (22-26 May 2011 Kyoto, Japan)*. [S.l.], 2011. p. 23P059.

* Vaher, M., Helmja, K., Käsper, A., Kudrjašova, M., Gorbatsova, J., Kaljurand, M. Determination of carbohydrates in cellulose and enzymatically pretreated wood fractions using capillary electrophoresis // *Program and abstract book : Nordic*

Separation Science Society 6th Conference : Riga, Latvia, August 24th-27th, 2011.
Riga : Latvian Institute of Organic Synthesis, 2011. p. 98.

Vaher, M., Koel, M., Kazarjan, J., Kaljurand, M. Capillary electrophoretic analysis of neutral carbohydrates using ionic liquids as background electrolytes // *Electrophoresis* (2011) Vol. 32, 9, p. 1068-1073.

Valgepea, K., Adamberg, K., Vilu, R. Decrease of energy spilling in *Escherichia coli* continuous cultures with rising specific growth rate and carbon wasting // *BMC systems biology* (2011) Vol. 5, p. 106.

Vallmann, K., Aas, N., Reintamm, T., Lopp, A., Kuusksalu, A., Kelve, M. Expressed 2–5A synthetase genes and pseudogenes in the marine sponge *Geodia barretti* // *Gene* (2011) Vol. 478, p. 42-49.

Varvas, K., Hansen, K., Kasvandik, S. Prostaglandiinide biosünteesi punavetikates // XXXII Eesti Keemiapäevad : teaduskonverentsi teesid. Tartu : Tartu Ülikooli Kirjastus, 2011. lk. 106.

Werner, F., Toon, L., Aav, R. *rac*-8a'-Methyl-3',4',8',8a'-tetrahydro-2'H-spiro[[1,3]dioxolane-2,1'-naphthalen]-6'(7'H)-one // *Acta crystallographica section E : structure reports online* (2011) E67, p. o2460.

Veske, A., Kalling, K. Parema inimrassi suunas // *Horisont* (2011) 2, lk. 10-16.

Veskilt, E., Villo, L., Kudrjašova, M., Parve, O. Sapihapete ja prostaglandiinide derivaatide ja konjugaatide süntees ning nende mõju candida *rugosa* lipaasi aktiivsusele // XXXII Eesti Keemiapäevad : teaduskonverentsi teesid. Tartu : Tartu Ülikooli Kirjastus, 2011. lk. 108.

Villo, L., Kreen, M., Kudrjašova, M., Metsala, A., Tamp, S., Lille, Ü., Pehk, T., Parve, O. A chemoenzymatic synthesis of deoxy sugar esters involving stereoselective acetylation of hemiacetals catalyzed by CALB // *Journal of molecular catalysis B : enzymatic* (2011) Vol. 68, p. 44-51.

* Villo, L., Metsala, A., Tamp, S., Pehk, T., Parve, O. A synthesis of deoxy sugar esters. Stereoselective acetylation of hemiacetals by CALB // *Biotrans 2011 : Itaalia, Giardini Naxos, 02.-05.10.2011. [S.l.]*, 2011.

Wolfersdorf, L.v., Janno, J. Integro-differential equations of first order with autoconvolution integral, II // *Journal of integral equations and applications* (2011) Vol. 23, 2, p. 331-349.

Vozzi, D., Aaspõllu, A., Athanasakis, E., Berto, A., Fabretto, A., Licastro, D., Külm, M., Testa, F., Trevisi, P., Vahter, M., Ziviello, C., Martini, A., Simonelli, F., Banfi, S., Gasparini, P. Molecular epidemiology of Usher syndrome in Italy // *Molecular vision* (2011) Vol. 17, p. 1662-1668.

MEHAANIKATEADUSKOND

Raamatud

Arvo Ots : publikatsioonid = Arvo Ots : publications. [Tallinn] : TTÜ kirjastus, 2011. 105 lk.

Dahms, S. Diffusionsschweissen von Werkstoffen mit unterschiedlichen Eigenschaften. Tallinn : TUT Press, 2011. 162 S. (Theses of Tallinn University of Technology. E, Thesis on mechanical and instrumental engineering ; 61).

Karjust, K., Kers, J., Kiolein, I. jt. Uuenduslik tootmine : käsiraamat. Tallinn : TTÜ kirjastus, 2011. 446 lk.

Kask, Ü., Kask, L., Kask, E. Ükski tark pole taevast tulnud : energia säästlik kasutamine. Tallinn : Tallinna Küte, 2011. 35 lk.

Kulderknap, E. (tlk.). Naftasaadused : katsemeetoditega seoses olevate täpsusandmete määramine ja rakendamine. Tallinn : Eesti Standardikeskus, 2011. II, 64 lk. (Eesti standard ; EVS-EN ISO 4259:2006).

Kulderknap, E. (tlk.). Statistilised meetodid laboritevaheliste võrdluste taseme- katsetes. [Tallinn] : Eesti Standardikeskus, 2011. VII, 62 lk. (Eesti standard ; EVS ISO 13528:2011).

Kulu, P., Kaevats, A. (koost.). Mehaanikateaduskond. Tallinn : TTÜ kirjastus, 2011. [28] lk.

Kulu, P., Gorbovski, P. (koost.). TTÜ mehaanikateaduskond. Eesti Masinatööstuse Liit. Tallinn : TTÜ kirjastus, 2011. 155 lk.

Laaneots, R., Mathiesen, O. An introduction to metrology. Tallinn : TUT Press, 2011. 283 p.

Laaneots, R., Kulderknap, E. jt. (koost.). Kütusetankurid. Taatlusmetoodika. [Tallinn] : Eesti Standardikeskus, 2011. 18 lk. (Eesti standard ; EVS 913:2011).

Laaneots, R., Kulderknap, E. jt. (koost.). Mitteaumatkaalud : taatlusmetoodika. [Tallinn] : Eesti Standardikeskus, 2011. 21 lk. (Eesti standard ; EVS 912:2011).

Laansoo, A. Keevitustehnoloogia. [Tallinn] : TTÜ kirjastus, 2011. 172 lk.

Laansoo, A. (tlk.). Keevituse kvaliteedinõuded metallide sulakeevitusel. Osa 1, Sobiva kvaliteedinõuete taseme valiku kriteeriumid. [Tallinn] : Eesti Standardikeskus, 2011. II, 10 lk. (Eesti standard ; EVS-EN ISO 3834-1:2006).

Laansoo, A. (tlk.). Keevituse kvaliteedinõuded. Metallide sulakeevitus. Osa 2, Laialdased kvaliteedinõuded. [Tallinn] : Eesti Standardikeskus, 2011. II, 12 lk. (Eesti standard ; EVS-EN ISO 3834-2:2006).

Laansoo, A. (tlk.). Keevituse kvaliteedinõuded metallide sulakeevitusel. Osa 5, Dokumendid, mis on vajalikud kvaliteedinõuete vastavushindamiseks standardi ISO

MEHAANIKATEADUSKOND

3834-2, ISO 3834-3 või ISO 3834-4 järgi. [Tallinn] : Eesti Standardikeskus, 2011. II, 10 lk. (Eesti standard ; EVS-EN ISO 3834-5:2006).

Laansoo, A. (tlk.). Keevitus. Terase, nikli, titaani ja nende sulamite sulakeevitusliited (välja arvatud kiirguskeevituse meetodid). Kvaliteeditasemed keevitusdefektide järgi. [Tallinn] : Eesti Standardikeskus, 2011. II, 29 lk. (Eesti standard ; EVS-EN ISO 5817:2007).

Laansoo, A. (tlk.). Keevitustööde koordineerimine : ülesanded ja kohustused. [Tallinn] : Eesti Standardikeskus, 2011. II, 12 lk. (Eesti standard ; EVS-EN ISO 14731:2006).

Laansoo, A. (tlk.). Metallide keevitusprotseduuride spetsifitseerimine ja atesteerimine : keevitusprotseduuri katse. Osa 1, Teraste gaas- ja kaarkeevitus ning nikli ja niklisulamite kaarkeevitus. [Tallinn] : Eesti Standardikeskus, 2011. II, 32 lk. (Eesti standard ; EVS-EN ISO 15614-1:2004+A1:2008).

Laansoo, A. (tlk.). Metallide keevitusprotseduuride spetsifitseerimine ja atesteerimine : keevitusprotseduuri katse. Osa 2, Alumiiniumi ja selle sulamite kaarkeevitus. [Tallinn] : Eesti Standardikeskus, 2011. II, 31, [1] lk. (Eesti standard ; EVS-EN ISO 15614-2:2005).

Latõsov, E. Model for the analysis of combined heat and power production. Tallinn : TUT Press, 2011. 95 p. (Theses of Tallinn University of Technology. E, Thesis on mechanical and instrumental engineering ; 58).

Link, S. Reactivity of woody and herbaceous biomass chars. Tallinn : TUT Press, 2011. 102 p. (Theses of Tallinn University of Technology. E, Thesis on mechanical and instrumental engineering ; 64).

Matsi, B. Research of innovation capacity monitoring methodology for engineering industry. Tallinn : TUT Press, 2011. 130 p. (Theses of Tallinn University of Technology. E, Thesis on mechanical and instrumental engineering ; 62).

Ots, A. Soojustehnika aluskursus : termodünaamika. Põlemine. Soojusülekanne : õpik kõrgkoolidele. Tallinn : TTÜ kirjastus, 2011. 816 lk.

Paist, A., Kruus, R. Tuumareaktorid. Tallinn : TTÜ kirjastus, 2011. 135 lk.

Riim, J. Calibration methods of coating thickness standards. Tallinn : TUT Press, 2011. 79 p. (Theses of Tallinn University of Technology. E, Thesis on mechanical and instrumental engineering ; 59).

Surzhenkov, A. Duplex treatment of steel surface. Tallinn : TUT Press, 2011. 107 p. (Theses of Tallinn University of Technology. E, Thesis on mechanical and instrumental engineering ; 60).

Tiidemann, T. Tolerantsid, istud ja mõõteahelad. Tallinn : Eesti Mereakadeemia, 2011. 71 lk.

Vares, V. Energiatehnika : konspekt. [Tallinn] : TTÜ kirjastus, 2011. 123 lk.

Artiklid

Antonov, M., Adoberg, E., Hussainova, I. Effect of loading system rigidity and inertia on friction coefficient and wear rate of ceramic-ceramic sliding contacts // Proceedings of the 13th International Conference on Metrology and Properties of Engineering Surfaces : 12-14 April 2011, London. [S.l.] : National Physical Laboratory, 2011. p. 151-155.

* Antonov, M., Adoberg, E., Hussainova, I., Goljandin, D., Zikin, A. Effect of tribosystem and inertia on run-in behavior of PVD coatings // ECOTRIB 2011 : 3rd European Conference on Tribology and 4th Vienna International Conference on Nano-Technology : June 7-9, 2011, Vienna, Austria. 1. [Vienna] : Österreichische Tribologische Gesellschaft, 2011. p. 159-164.

Antonov, M., Hussainova, I., Kers, J., Kulu, P., Kübarsepp, J., Veinthal, R. Advanced multifunctional materials and their applications // Research in Estonia : present and future. Tallinn : Estonian Academy of Sciences, 2011. p. 146-167.

Antonov, M., Hussainova, I., Kübarsepp, J., Traksmaa, R. Oxidation-abrasion of TiC-based cermets in SiC medium // Wear (2011) Vol. 273, 1, p. 23-31.

Arjassov, G., Baraškova, T., Gornostajev, D., Petritšenko, A. Development of the improved method of grids // Annals of DAAAM for 2011 & proceedings of the 22nd International DAAAM Symposium "Intelligent Manufacturing & Automation : Power of Knowledge and Creativity" : 23-26 November 2011, Vienna, Austria. Vienna : DAAAM International Vienna, 2011. p. 565-566.

Aruniit, A., Kers, J., Goljandin, D., Saarna, M., Tall, K., Majak, J., Herranen, H. Particulate filled composite plastic materials from recycled glass fibre reinforced plastics // Materials science = Medžiagotyra (2011) Vol. 17, 3, p. 276-281.

Aruniit, A., Kers, J., Tall, K. Influence of filler proportion on mechanical and physical properties of particulate composite // Agronomy research (2011) Vol. 9, S1, p. 23-29.

Aruväli, T., Serg, R., Otto, T. In-process vibration monitoring on CNC lathe // 10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 10-15, 2011. [Tallinn] : Estonian Society of Moritz Hermann Jacobi, 2011. p. 174-178.

Aruväli, T., Serg, R., Preden, J., Otto, T. In-process determining of the working mode in CNC turning // Estonian journal of engineering (2011) Vol. 17, 1, p. 4-16.

Baškite, V., Zahharov, R. Modularization impact to product end of life cycle // 10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 10-15, 2011. [Tallinn] : Estonian Society of Moritz Hermann Jacobi, 2011. p. 213-217.

Brida, G., Cheung, J., Kübarsepp, T. et al. Toward traceable few photon radiometry // Proceedings of NEWRAD : [Maui, Hawaii, 18-23 September 2011]. [S.l.], 2011. p. 293-294.

Damoah, L., Zuo, X., Zhang, L., Schuman, T., Kers, J. Green pyrolysis of used printed wiring board powders // Recycling of Electronic Waste II : proceedings of the Second Symposium. Hoboken : John Wiley & Sons Ltd, 2011. p. 17-24.

Goljandin, D., Sarjas, H., Kulu, P., Käerdi, H., Mikli, V. Metal-matrix cermet reinforced composite powders for thermal spray // 20th International Baltic Conference Materials Engineering 2011, October 27-28, Kaunas, Lithuania : book of abstracts. Kaunas : Technologija, 2011. p. 23-24.

Gran, J., Kübarsepp, T., Sildoja, M., Manoocheri, F., Ikonen, E., Müller, I. Simulations of predictable quantum efficient detector with PC1D // Proceedings of NEWRAD : [Maui, Hawaii, 18-23 September 2011]. [S.l.], 2011. p. 263-265.

Hermaste, A. Eesti Mehaanikainseneride Liit omistab kutseid // Inseneeria (2011) 7, lk. 22.

* Hiiemaa, M., Tamre, M. Assisting control algorithms for simplified operation of remotely controlled unmanned ground vehicle // 7th International Conference Mechatronics Systems and Materials MSM 2011 : Kaunas, Lithuania, 7-9 July, 2011 : abstracts book and full papers CD. Kaunas : Technologija, 2011. [5] p.

Hiiemaa, M., Tamre, M. Using wireless sensor network components in practical assignments of master's study mechatronics course // 10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 10-15, 2011. [Tallinn] : Estonian Society of Moritz Hermann Jacobi, 2011. p. 193-196.

* Hudjakov, R., Tamre, M. Aerial imagery based long-range path planning for unmanned ground vehicle // 7th International Conference Mechatronics Systems and Materials MSM 2011 : Kaunas, Lithuania, 7-9 July, 2011 : abstracts book and full papers CD. Kaunas : Technologija, 2011. [7] p.

Hudjakov, R., Tamre, M. Ortophoto analysis for UGV long-range autonomous navigation // Estonian journal of engineering (2011) Vol. 17, 1, p. 17-27.

Hussainova, I., Antonov, M., Jasiuk, I., Du, X. Characterization of microstructure and mechanical properties of cermets at micro- and nanoscales // International journal of materials & product technology (2011) Vol. 40, 1/2, p. 58-74.

Hussainova, I., Antonov, M., Voltsihhin, N. Assessment of zirconia doped hardmetals as tribomaterials // Wear (2011) Vol. 271, 9/10, p. 1909-1915.

Hussainova, I., Hamed, E., Jasiuk, I. Nanoindentation testing and modeling of chromium carbide based composites // Mechanics of composite materials (2011) Vol. 46, 6, p. 667-678.

Hussainova, I., Smirnov, A., Antonov, M. Mechanical characterization and wear performance of WC-ZrO₂-Ni cermets produced by hot isostatic pressing // Advances

in Key Engineering Materials. [S.l.] : Trans Tech Publications Inc, 2011. p. 344-348. (Advanced materials research ; 214).

Huttunen-Saarivirta, E., Antonov, M., Veinthal, R., Tuiremo, J., Mäkelä, K., Siitonen, P. Influence of particle impact conditions and temperature on erosion-oxidation of steels at elevated temperatures // Wear (2011) Vol. 272, 1, p. 159-175.

Hüüs, M., Kask, Ü. Eestis kasutatavad päikeseküttesüsteemid ja nende käitamine // TEUK XIII : taastuvate energiaallikate uurimine ja kasutamine : kolmeteistkümnenda konverentsi kogumik : [10. november 2011, Tartu]. Tartu : Eesti Maaülikool, 2011. lk. 64-76.

Ingermann, K. Kortereklamute ventilatsiooniohu soojusetagastus – tõhusus ja probleemid // Keskkonnatehnika (2011) 4, lk. 8-11.

Juhani, K., Pirso, J., Letunovitš, S., Viljus, M. Phase evolution, microstructure characteristics and properties of Cr₃C₂-Ni cermets prepared by reactive sintering // International journal of materials & product technology (2011) Vol. 40, 1/2, p. 75-91.

Juurma, M., Põlder, A. Energy efficiency aspects in wood production value chain // 10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 10-15, 2011. [Tallinn] : Estonian Society of Moritz Hermann Jacobi, 2011. p. 183-186.

Kabral, R., Rämmal, H., Lavrentjev, J., Auriemma, F. Acoustic studies on small engine silencer elements // SAE technical papers (2011) 2011-32-0514, [8] p.

* Kabral, R., Rämmal, H., Lavrentjev, J., Auriemma, F. A complete acoustic analysis on the passive effect of small engine silencer elements // Proceedings of International Congress on Sound and Vibration (ICSV18) : Rio de Janeiro, Brazil, 10 to 14 July 2011. [S.l.], 2011.

Karaulova, T., Pribytkova, M., Sahno, J., Shevtshenko, E. Design of reliable production route system // Annals of DAAAM for 2011 & proceedings of the 22nd International DAAAM Symposium. Vienna : DAAAM International, 2011. p. 539-540.

Kask, Ü., Andrijevskaja, J. Pilliroo kasutamise kontseptsioon kohaliku energiaallika ja ehitusmaterjalina // Eesti Põlevloodusvarad ja -jätmed (2011) 1/2, lk. 18-19.

Kask, Ü., Loosaar, J., Parve, T., Kask, L., Paist, A., Muiste, P., Padari, A., Astover, A. Potential of biomass in Narva region regarding oil shale and biomass co-firing // Oil shale (2011) Vol. 28, 1S, p. 181-192.

Kers, J. Jahi- ja kaatriteremudelite valmistamine 5-teljelise programmjuhtimisingi abil // Ehitaja (2011) 4, lk. 42-44.

Kers, J. Puitplastkomposiidid taaskasutatavatest materjalidest // Keskkonnatehnika (2011) 7, lk. 17-20.

* Kers, J., Goljandin, D., Adoberg, E., Laurmaa, V., Križan, P. Mechanical recycling of electronic wastes by high-energy disintegrator mills // TOP 2011 - Engineering of

Environment Protection : Casta-Papiernicka, Slovakia, 14-16 June, 2011. Bratislava : Nakladatelstvo Slovak University of Technology in Bratislava, 2011. p. 131-136.

* Kers, J., Saarna, M., Peetsalu, P., Aruniit, A., Majak, J., Pohlak, M., Herranen, H. Selection of parameters in adhesive bonding of composite structures // 20th International Baltic Conference Materials Engineering 2011, October 27-28, Kaunas, Lithuania : book of abstracts. Kaunas : Technologija, 2011. p. 53.

Klaasen, H., Kübarsepp, J., Tšinjan, A., Sergejev, F. Performance of carbide composites in cyclic loading wear conditions // Wear (2011) Vol. 271, 5/6, p. 837-841.

Kleesmaa, J., Latšov, E., Karolin, R. Primary method for reduction of SO₂ emission and its impact on CO₂ in pulverized oil shale-fired boilers at Narva Power Plant // Oil shale (2011) Vol. 28, 2, p. 321-336.

* Клевцов, И., Дедов, А., Боголюбова, Е. Проблемы применения метода миниатюрных образцов для диагностики элементов энергетического оборудования // Ресурс, надежность и безопасность теплосилового оборудования электростанций : Москва, 29.11-02.12.2011. Москва, 2011. с. 88-92.

Kollo, L., Bradbury, C.R., Veinthal, R., Jäggi, C., Carreño-Morelli, E., Leparoux, M. Nano-silicon carbide reinforced aluminium produced by high-energy milling and hot consolidation // Materials science and engineering : A (2011) Vol. 528, 21, p. 6606-6615.

Kommel, L., Mikli, V., Traksmäa, R., Saarna, M., Pokatilov, A., Pikker, S., Kommel, I. Influence of the SPD processing features on the nanostructure and properties of a pure niobium // Materials science forum (2011) Vol. 667/669, Nanomaterials by Severe Plastic Deformation : NanoSPD5, p. 785-790.

Križan, P., Matuš, M., Šooš, L., Kers, J., Peetsalu, P., Kask, Ü., Menind, A. Briquetting of municipal solid waste by different technologies in order to evaluate its quality and properties // Agronomy research (2011) Vol. 19, S1, p. 115-123.

Krupenski, I. Numerical simulation of two-phase turbulent flows of ash circulating in fluidized bed // Oil shale (2011) Vol. 28, 1S, p. 262.

Kulderknup, E., Riim, J., Laaneots, R. Surface roughness measurement uncertainty estimation using random function // 15 International Congress of Metrology : Paris-France, 03-06 October 2011. [S.l.], 2011. [4] p.

Kulu, P. TTÜ mehaanikateaduskond 75! // Inseneeria (2011) 7, lk. 8-10.

Kulu, P. TPI/TTÜ mehaanikateaduskonna dekaanid läbi aegade // TTÜ mehaanikateaduskond. Eesti Masinatööstuse Liit. Tallinn : Tallinna Tehnikaülikool, 2011. lk. 11-25.

Kulu, P., Eerme, M., Paist, A. Uued õppekavad // TTÜ mehaanikateaduskond. Eesti Masinatööstuse Liit. Tallinn : Tallinna Tehnikaülikool, 2011. lk. 79-82.

Kärber, E., Raadik, T., Dedova, T., Krustok, J., Mere, A., Mikli, V., Krunks, M. Photoluminescence of spray pyrolysis deposited ZnO nanorods // *Nanoscale research letters* (2011) Vol. 6, 359, [7] p.

Kübarsepp, J. Reformid Eesti kõrghariduses läbi kahe aastakümne = Reforms in Estonian higher education system during two decades // *Kakskümmend aastat taasiseseisvust Eestis, 1991-2011 : ettekannete kokkuvõtted teaduskonverentsil "20 aastat taasiseseisvust Eestis, 1991-2011"* 20. augustil 2011 Tallinnas. Tallinn : Välis-Eesti, 2011. lk. 131-165.

Kübarsepp, J., Klaasen, H., Tsinjan, A., Roosaar, T., Annuka, H. Wear performance of WC- and TiC- based ceramic-metallic composites // *Proceedings of VI International Scientific Conference BALTRIB 2011*. Kaunas : Lithuanian University of Agriculture, 2011. p. 150-155.

Kübarsepp, J., Klaasen, H., Viljus, M., Traksmäa, R., Sergejev, F. Behaviour of carbide composites in different operation conditions // *Powder metallurgy progress* (2011) Vol. 11, 3/4, p. 258-264.

Kübarsepp, J., Mägi, V. Eesti teaduskeele arendamine ja kasutamine tehnika, tehnoloogia ja majanduse valdkonnas // *Eestikeelne ülikool : 3. detsembril 2009 peetud terminoloogiakonverentsi ettekanded*. Tartu : Tartu Ülikooli Kirjastus, 2011. lk. 36-45.

Kübarsepp, T., White, M. Characterization of the throughput beam of a ten-photodiode transmission trap detector // *Metrologia* (2011) Vol. 48, p. 359-364.

Kübarsepp, T., White, M., Jaanson, P. Beam properties of trap detectors // *Proceedings of NEWRAD : [Maui, Hawaii, 18-23 September 2011]*. [S.l.], 2011. p. 233.

Küttner, R., Majak, J., Karjust, K., Pohlak, M., Eerme, M. Optimal product development and manufacturing engineering // *Research in Estonia : present and future*. Tallinn : Estonian Academy of Sciences, 2011. p. 227-248.

Küttner, R., Otto, T. Preface // *Estonian journal of engineering* (2011) Vol. 17, 1, p. 3.

Küttner, R., Otto, T., Riives, J. Tehnoloogiaplatvorm Manufuture // *TTÜ mehaanika-teaduskond. Eesti Masinatööstuse Liit*. Tallinn : Tallinna Tehnikaülikool, 2011. lk. 133-140.

Laansoo, A. Aadu Ritso : 13.09.1915-18.01.2010 : [in memoriam] // *Tallinna Tehnikaülikooli aastaraamat 2010*. [Tallinn] : TTÜ kirjastus, c2011. lk. 330-332.

Latõšov, E., Volkova, A., Siirde, A. The impact of subsidy mechanisms on biomass and oil shale based electricity cost prices // *Oil shale* (2011) Vol. 28, 1S, p. 140-151.

Laurmaa, V., Kers, J., Tall, K., Mikli, V., Goljandin, D., Vilsaar, K., Peetsalu, P., Saarna, M., Tarbe, R., Zhang, L. Mechanical recycling of electronic wastes for materials recovery // *Recycling of electronic waste II : proceedings of the second symposium*. Hoboken : John Wiley & Sons LTD, 2011. p. 3-10.

Lausmaa, T. Correlation of the fire resistance time of fire doors and the structure of the doors // Extended abstracts : 2011 Baltic Heat Transfer Conference : 6-th BHTC : August 24-26, 2011 in Tampere, Finland. Tampere : Tampere University of Technology, 2011. p. 52.

Lausmaa, T. Tuletõkkeukse tulepüsivusaja sõltuvus ukse ehitusest // Keskkonnatehnika (2011) 1, lk. 31-36.

Lavrentjev, J., Rämmal, H., Tiikoja, H. The passive acoustic effect of automotive catalytic converters // SAE technical papers (2011) 2011-24-0219, [8] p.

Lille, H., Kõo, J., Gregor, A., Ryabchikov, A., Sergejev, F., Traksmäa, R., Kulu, P. Comparison of curvature and X-Ray methods for measuring of residual stresses in hard PVD coatings // Materials science forum (2011) Vol. 681, Residual Stresses VIII, p. 455-460.

* Lind, L., Costelle, L., Jalkanen, P., Räisänen, M., Nowak, R., Räisänen, J. Characterization of self-assembled monolayers by means of nanoindentation // International Indentation Workshop 4 : Seoul, Korea, 3-8 July 2011 : abstract book. Seoul : Seoul National University, 2011. p. 106.

* Loosaar, J. Tallinna TKK Lämpöteknikaan laitos. Kattilakoet ja päästömittaukset // XX Valtakunnalliset päästömittajapäivät, Lahti, 5.-6.05.2011. [S.l.], 2011. [8] p.

* Luyima, A., Shi, H., Zhang, L., Schumann, T., Kers, J., Laurmaa, V., Goljandin, D., Mikli, V. Recovery of metallic materials from printed wiring boards by green pyrolysis process // 20th International Baltic Conference Materials Engineering 2011, October 27-28, Kaunas, Lithuania : book of abstracts. Kaunas : Technologija, 2011. p. 57-58.

Lõun, K., Riives, J., Otto, T. Evaluation of the operation expedience of technological resources in a manufacturing network // Estonian journal of engineering (2011) Vol. 17, 1, p. 51-65.

* Majak, J., Kers, J., Pohlak, M., Eerme, M., Luiga, K. Wavelet based discretization technique for analysis and design of composite structures // The 18th International Conference on Composite Materials. Composite materials : key to the future. [S.l.] : The Korean Society of Composite Materials, 2011. [6] p.

* Majak, J., Pohlak, M. Stationary of the strain energy density in anisotropic solids // World journal of engineering (2011) Vol. 8, 1, p. 765-766.

Manoocheri, F., Sildoja, M., Kübarsepp, T. et al. Predictable quantum efficient detector (PQED) // Proceedings of NEWRAD : [Maui, Hawaii, 18-23 September 2011]. [S.l.], 2011. p. 13-15.

Мисенёв, С.И., Сийрде, А.Э., Юркин, С.В., Якутов, В.В. Опыт внедрения систем пневмообрушения на базе устройств «ИСТА-4» в бункерах сырого сланца // Электрические станции (2011) 11, с. 52-55.

Müller, I., Brida, G., Kübarsepp, T. et al. Predictable quantum efficient detector II : characterization results // Proceedings of NEWRAD : [Maui, Hawaii, 18-23 September 2011]. [S.l.], 2011. p. 209-210.

Nešumajev, D., Ots, A., Parve, T., Pihu, T., Plamus, K., Prikk, A. Combustion of Baltic oil shale in boilers with fluidized bed combustion // Power technology and engineering (2011) Vol. 44, 5, p. 382-385.

Nešumajev, D., Ots, A., Poobus, A. Full scale experiments on application of compound heat transfer enhancement technique in fire-tube boilers // Extended abstracts : 2011 Baltic Heat Transfer Conference : 6-th BHTC : August 24-26, 2011 in Tampere, Finland. Tampere : Tampere University of Technology, 2011. p. 55-56.

Ots, A. Thermophysical properties of ash deposit on boiler heat exchange surfaces // Proceedings of 9th International Conference on Heat Exchanger Fouling and Cleaning 2011 : June 05-10, 2011, Crete Island, Greece. [S.l.], 2011. p. 150-155.

Ots, A. Teaduspreemia pikaajalise tulemusliku teadus- ja arendustöö eest // Tallinna Tehnikaülikooli aastaraamat 2010. [Tallinn] : TTÜ kirjastus, c2011. lk. 299-320.

Ots, A., Poobus, A., Lausmaa, T. Technical and ecological aspects of shale oil and power cogeneration // Oil shale (2011) Vol. 28, 1S, p. 101-112.

Otto, T. DAAAM toob Eestisse tööstuse innovatsioonipotentsiaali tõstjaid // Tallinna Tehnikaülikooli aastaraamat 2010. [Tallinn] : TTÜ kirjastus, c2011. lk. 275-276.

Otto, T. Mehaanikateaduskond – vaade tulevikku // Tallinna Tehnikaülikooli aastaraamat 2010. [Tallinn] : TTÜ kirjastus, c2011. lk. 27-28.

Otto, T., Kulu, P. Mehaanikateaduskond 2011 // TTÜ mehaanikateaduskond. Eesti Masinatööstuse Liit. Tallinn : Tallinna Tehnikaülikool, 2011. lk. 26-32.

Otto, T., Kulu, P. TTÜ mehaanikateaduskond 2011 // Inseneria (2011) 7, lk. 10-13.

Otto, T., Lavrentjev, J., Majak, J. TTÜ masinaehituse instituut : tööstuse konkurentsivõime tõstmine // TTÜ mehaanikateaduskond. Eesti Masinatööstuse Liit. Tallinn : Tallinna Tehnikaülikool, 2011. lk. 33-42.

Paist, A. Eesti Soojustehnikainseneride Selts uuel kümnendil // TTÜ mehaanikateaduskond. Eesti Masinatööstuse Liit. Tallinn : Tallinna Tehnikaülikool, 2011. lk. 97-103.

Paist, A. Hendrik Arro 85 // Oil shale (2011) Vol. 28, 1S, p. 263-264.

Paist, A. In remembrance of Ilmar Mikk : 85th anniversary of his birthday : 1.03.1925–24.06.1989 // Oil shale (2011) Vol. 28, 1S, p. 269-270.

Paist, A. Leo Õispuu 80 // Oil shale (2011) Vol. 28, 1S, p. 265-266.

Paist, A. Present and future of oil shale based energy production in Estonia // Oil shale (2011) Vol. 28, 1S, p. 85-88.

Paist, A. Soojustehnika instituut // TTÜ mehaanikateaduskond. Eesti Masinatööstuse Liit. Tallinn : Tallinna Tehnikaülikool, 2011. lk. 67-73.

- Paist, A. Soojustehnika instituut keskendub põlevkivile // *Inseneeria* (2011) 7, lk. 18.
- Pappel, T. Toivo Pappel, 11. lend : [mälestusi õpinguaastatest] // *Märjamaa Gümnaasium 2007-2011. Märjamaa, 2011. lk. 78-80.*
- Parve, T., Loosaar, J., Mahhov, M., Konist, A. Emission of fine particulates from oil shale fired large boilers // *Oil shale* (2011) Vol. 28, 1S, p. 152-161.
- Penkov, I., Aleksandrov, D. Axial displacements in ball screw mechanisms with two and four contact-point // *International review of mechanical engineering* (2011) Vol. 5, 7, p. 1213-1218.
- Pertmann, I. Estonian wind farms' need for full balance power // *Oil shale* (2011) Vol. 28, 1S, p. 193-202.
- Pirso, J., Viljus, M., Juhani, K., Letunovitš, S. Abrasion of cermets // *Advances in engineering research. Volume 3. [S.l.] : Nova Science Publishers, 2011. p. 397-426.*
- Pirso, J., Viljus, M., Letunovitš, S., Juhani, K., Joost, R. Three-body abrasive wear of cermets // *Wear* (2011) Vol. 271, 11/12, p. 2868-2878.
- Plamus, K., Ots, A., Pihu, T., Neshumayev, D. Firing Estonian oil shale in CFB boilers – ash balance and behaviour of carbonate minerals // *Oil shale* (2011) Vol. 28, 1, p. 58-67.
- Plamus, K., Soosaar, S., Ots, A., Neshumayev, D. Firing Estonian oil shale of higher quality in CFB boilers – environmental and economic impact // *Oil shale* (2011) Vol. 28, 1S, p. 113-126.
- Podgursky, V., Adoberg, E., Surženkov, A., Kimmari, E., Viljus, M., Mikli, V., Hartelt, M., Wäsche, R., Šíma, M., Kulu, P. Dependence of the friction coefficient on roughness parameters during early stage fretting of (Al,Ti)N coated surfaces // *Wear* (2011) Vol. 271, 5/6, p. 853-858.
- * Pohlak, M., Majak, J., Pääsuke, K., Eerme, M., Kõiv, R. Multi-objective topology optimization of weight critical structures // *16th International Conference on Composite Structures (ICCS16) : Porto, 28-30 June 2011. [Porto], 2011.*
- Pribytkova, M., Polyantchikov, I., Karaulova, T. Design of experiments for processes reliability management // *10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 10-15, 2011. [Tallinn] : Estonian Society of Moritz Hermann Jacobi, 2011. p. 203-208.*
- * Priss, J., Klevtsov, I. Strength calculations of slurry disposal pipeline // *The 22nd DAAAM World Symposium : 23-26th November 2011, Vienna, Austria. Vienna : DAAAM International Vienna, 2011. p. 1175-1176.*
- Priss, J., Klevtsov, I. The programs for strength calculation in pipelines // *10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 10-15, 2011. [Tallinn] : Estonian Society of Moritz Hermann Jacobi, 2011. p. 209-212.*

* Põlder, A., Juurma, M., Tamre, M. Wood products automatic identification based on fingerprint method // 7th International Conference Mechatronics Systems and Materials MSM 2011 : Kaunas, Lithuania, 7-9 July, 2011 : abstracts book and full papers CD. Kaunas : Technologija, 2011. [11] p.

Päärsoo, R. Katsed ja kalibreerimine mehaanika ja metroloogia katselaboris // Inseneeria (2011) 7, lk. 19-20.

Päärsoo, R. Katsetus- ja kalibreerimistegevus mehaanika ja metroloogia katselaboris // TTÜ mehaanikateaduskond. Eesti Masinatööstuse Liit. Tallinn : Tallinna Tehnikaülikool, 2011. lk. 74-78.

Randmaa, M. Introducing proactive thinking in value alliance concept // 10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 10-15, 2011. [Tallinn] : Estonian Society of Moritz Hermann Jacobi, 2011. p. 218-223.

Randmaa, M., Mouggaard, K., Howard, T., McAloone, T.C. Rethinking value : a value-centric model of product, service and business development // ICED 11 : 18th International Conference on Engineering Design : 15-18 August 2011, Kopenhaagen : Impacting Society Through Engineering Design. Kopenhaagen, 2011. p. DS 68-11.

Randrüüt, M. On the Kudryashov–Sinelschikov equation for waves in bubbly liquids // Physics letters A (2011) Vol. 375, 42, p. 3687-3692.

Reedik, V. Arnold Vällo : 19.09.1930-13.03.2010 : [in memoriam] // Tallinna Tehnikaülikooli aastaraamat 2010. [Tallinn] : TTÜ kirjastus, c2011. lk. 332-333.

Reedik, V. Kas kõrgtehnoloogiline Eesti on ainult unistus // Inseneeria (2011) 8, lk. 24-26.

Reedik, V. Teadusesse panustada on mõtet vaid siis, kui seda raha kasutatakse mõistlikult // Inseneeria (2011) 4, lk. 24-26.

Reedik, V. Tootearendusalase hariduse tekkelu Eestis // Inseneeria (2011) 3, lk. 44-45.

Riives, J. Eesti masinatööstuse arenguteed ja võimalused // TTÜ mehaanikateaduskond. Eesti Masinatööstuse Liit. Tallinn : Tallinna Tehnikaülikool, 2011. lk. 125-132.

Riives, J. Konkurentsivõime ja jätkusuutlikkuse uued ärimudelid // Inseneeria (2011) 9, lk. 29-30, 32.

Rodriguez-Suarez, T., Bartolomé, J.F., Smirnov, A., Lopez-Esteban, S., Torrecillas, R., Moya, J.S. Sliding wear behaviour of alumina/nickel nanocomposites processed by a conventional sintering route // Journal of the European Ceramic Society (2011) Vol. 31, 8, p. 1389-1395.

Rodriguez-Suarez, T., Bartolomé, J.F., Smirnov, A., Lopez-Esteban, S., Díaz, L.A., Torrecillas, R., Moya, J.S. Electroconductive alumina–TiC–Ni nanocomposites obtained by spark plasma sintering // Ceramics international (2011) Vol. 37, 5, p. 1631-1636.

Roosimölder, L. Tööstuse konkurentsivõime tõstmine : TTÜ masinaehituse instituut // Inseneeria (2011) 7, lk. 13-14.

Ryabchikov, A., Lille, H., Toropov, S., Kõo, J., Pihl, T., Veinthal, R. Determination of residual stresses in thermal and cold sprayed coatings by the hole-drilling method // Materials science forum (2011) Vol. 681, Residual Stresses VIII, p. 171-176.

Sahno, J., Polyantchikov, I., Pribytkova, M., Shevtshenko, E. Model based enterprise manufacturing capacity definition and product cost estimation for SME // Journal of the machine engineering (2011) Vol. 11, 1/2, p. 23-34.

Sahno, J., Polyantchikov, I., Pribytkova, M., Shevtshenko, E. Preparation and estimation methods for transformation Small enterprises to Medium-size // 10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 10-15, 2011. [Tallinn] : Estonian Society of Moritz Hermann Jacobi, 2011. p. 197-202.

Sarjas, H., Goljandin, D., Kulu, P., Mikli, V., Surženkov, A. Wear resistant thermal sprayed composite coatings based on iron self-fluxing alloy and recycled cermet powders // 20th International Baltic Conference Materials Engineering 2011, October 27-28, Kaunas, Lithuania : book of abstracts. Kaunas : Technologija, 2011. p. 25.

* Sarkans, M., Eerme, M. Programming time estimation and production planning steps on welding robot cells in SME-s // Annals of DAAAM for 2011 & proceedings of the 22nd International DAAAM Symposium. Vienna : DAAAM International, 2011. p. 1485-1486.

Seiler, S., Sell, R. Comprehensive blended learning concept for teaching micro controller technology // eLearning Baltics 2011. 4. Rostock : Fraunhofer Verlag IGD, 2011. p. 15-25.

* Seiler, S., Sell, R. Semantics on mobile robot algorithms development // 7th International Conference Mechatronics Systems and Materials MSM 2011 : Kaunas, Lithuania, 7-9 July, 2011 : abstracts book and full papers CD. Kaunas : Technologija, 2011. p. 52-53.

Sell, R. Tehnoloogiaalase kirjaoskuse kujundamine interdistsiplinaarsete tehnoloogiaalaste valikkursustega – praktiline rakendamine // Gümnaasiumi valdkonnaraamat loodusained [Võrguteavik]. Tallinn : Riiklik Eksami- ja Kvalifikatsioonikeskus, 2011. [10] lk.

* Sell, R., Seiler, S. Integrated concept for embedded system study // 7th International Conference Mechatronics Systems and Materials MSM 2011 : Kaunas, Lithuania, 7-9 July, 2011 : abstracts book and full papers CD. Kaunas : Technologija, 2011. p. 14-15.

Sepper, S., Peetsalu, P., Saarna, M. Methods for evaluating the appearance of hot dip galvanized coatings // Agronomy research (2011) Vol. 9, S1, P. 229-236.

Sergejev, F., Kimmari, E., Viljus, M. Residual stresses in TiC-based cermets measured by indentation // Proceedings engineering (2011) Vol. 10, p. 2873-2881.

Sergejev, F., Klaasen, H., Kübarsepp, J. Effect of residual stresses on the surface fatigue of TiC-based carbide composites // *Procedia engineering* (2011) Vol. 10, p. 3152-3161.

Sergejev, F., Klaasen, H., Kübarsepp, J., Preis, I. Fatigue mechanics of carbide composites // *International journal of materials & product technology* (2011) Vol. 40, 1/2, p. 140-163.

Sergejev, F., Peetsalu, P., Sivitski, A., Saarna, M., Adoberg, E. Surface fatigue and wear of PVD coated punches during fine blanking operation // *Engineering failure analysis* (2011) Vol. 18, 7, p. 1689-1697.

* Sergejev, F., Preis, I., Kübarsepp, J. Correlation between surface fatigue and microstructural defects of cemented carbides : experimental validation // *Book of abstracts : International Symposium on Fatigue Design and Material Defects : Trondheim, Norway, 23-25 May 2011. [Trondheim] : NTNU, 2011. p. 32-33.*

* Sergejev, F., Preis, I., Kübarsepp, J. Fatigue strength prediction of carbide composites by considering pores to be equivalent to small defects : effect of hot isostatic pressing // *Book of abstracts : International Symposium on Fatigue Design and Material Defects : Trondheim, Norway, 23-25 May 2011. [Trondheim] : NTNU, 2011. p. 41-42.*

Siano, D., Auriemma, F., Bozza, F., Rämmal, H. Validation of 1D and 3D analyses for performance prediction of an automotive silencer // *SAE technical papers* (2011) 2011-24-0217, [14] p.

Siirde, A. *Energeetika : juhtmeidpidi põlevkivi küljes* // *Horisont* (2011) 2, lk. 32-39.

Siirde, A., Roos, I., Martins, A. Estimation of carbon emission factors for the Estonian shale oil industry // *Oil shale* (2011) Vol. 28, 1S, p. 127-139.

Sildoja, M., Manoocheri, F., Kübarsepp, T. et al. Predictable quantum efficient detector I : photodiodes and design // *Proceedings of NEWRAD : [Maui, Hawaii, 18-23 September 2011]. [S.l.], 2011. p. 227-228.*

Smirnov, A., Bartolomé, J.F., Moya, J.S., Kern, F., Gadow, R. Dry reciprocating sliding wear behaviour of alumina-silicon carbide nanocomposite fabricated by ceramic injection molding // *Journal of the European Ceramic Society* (2011) Vol. 31, 4, p. 469-474.

* Sonk, K. Automatic creation of a company model using functional requirements // *Annals of DAAAM for 2011 & proceedings of the 22nd International DAAAM Symposium. Vienna : DAAAM International, 2011. p. 1453-1454.*

Sonk, K., Otto, T. Online CAD library applications and pitfalls // *10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 10-15, 2011. [Tallinn] : Estonian Society of Moritz Hermann Jacobi, 2011. p. 179-182.*

Suik, H., Pihu, T., Konist, A. Catastrophic wastage of tubes in fluidized bed boilers // *Oil shale* (2011) Vol. 28, 1S, p.162-168.

MEHAANIKATEADUSKOND

* Šin, P., Veinthal, R., Sergejev, F., Antonov, M., Stubna, I. Vickers hardness of ceramics fired at different temperatures // Young Researchers 2011, PhD Students, Young Scientists and Pedagogues Conference proceedings : Nitra, Slovakia, 21-22 September 2011. Nitra : Edícia Prírodovedec, 2011. p. 565-570.

Zikin, A., Hussainova, I., Winkelmann, H., Kulu, P., Badisch, E. Plasma transferred arc hardfacings reinforced by chromium carbide-based cermet particles // Proceedings of the Heat Treatment and Surface Engineering 19th Congress : Glasgow, Scotland, 17–20 October, 2011. [S.l.], 2011. [5] p.

Zikin, A., Ilo, S., Kulu, P., Katsich, C., Badisch, E., Hussainova, I. Processing of recycled hard particle powders by PTA-technology // 20th International Baltic Conference Materials Engineering 2011, October 27-28, Kaunas, Lithuania : book of abstracts. Kaunas : Technologija, 2011. p. 43.

Tamre, M. Intelligentne keskkonnasäästlik hajuajälgitavussüsteem puidutööstusele // Inseneeria (2011) 7, lk. 23-24.

Tamre, M. Mehhatroonikainstituut // TTÜ mehaanikateaduskond. Eesti Masinatööstuse Liit. Tallinn : Tallinna Tehnikaülikool, 2011. lk. 53-66.

Tiidemann, T. Kuidas edukalt mõelda? Kuidas asju välja mõelda? // Inseneeria (2011) 2, lk. 45.

Tiidemann, T. Kui palju on loovuses loogikat? // Inseneeria (2011) 5, lk. 34-38.

Tiidemann, T. Köisriiptee Tallinna? // Inseneeria (2011) 2, lk. 6.

Tiidemann, T. Morfoloogiline analüüs : lahenduste süstemaatiline otsing // Inseneeria (2011) 3, lk. 46-47.

Tiidemann, T. TRIZi kooslus ja jõud // Inseneeria (2011) 1, lk. 22-24.

Tiikoja, H., Rämmal, H., Abom, M., Boden, H. Investigations of automotive turbocharger acoustics // SAE international journal of engines (2011) Vol. 4, 2, p. 2531-2542.

Tiikoja, H., Rämmal, H., Abom, M., Boden, H. Sound transmission in automotive turbochargers // SAE Technical Papers (2011) 2011-01-1525, [12] p.

Tsinjan, A., Klaasen, H., Kübarsepp, J., Adoberg, E., Talkop, A., Viljus, M. Performance of tool steels strengthened by PVD coatings in adhesion and cyclic loading wear conditions // Proceedings of EURO PM 2011 Congress & Exhibition : October 9-12, 2011, Barcelona, Spain. Shrewsbury : European Powder Metallurgy Association, 2011. [6] p.

* Umalas, M., Reedo, V., Lõhmus, A., Hussainova, I. Elaboration of method for preparation of IVB group metal carbides nanocomposites // Functional Materials & Nanotechnologies : Riga, 5-8 April 2011. [Riga], 2011. [1] p.

Veinthal, R. TTÜ materjalitehnika instituudi koostöö ettevõtetele // Inseneeria (2011) 7, lk. 15-17.

Veinthal, R. Materjalitehnika instituudi teadustegevus : kaasaegsed multifunktsionaalsed materjalid ja nende rakendused // TTÜ mehaanikateaduskond. Eesti Masinatööstuse Liit. Tallinn : Tallinna Tehnikaülikool, 2011. lk. 43-52.

Veinthal, R., Antonov, M. Effect of temperature on erosive and abrasive wear of carbide reinforced powder steels // Tribology 2011 : proceedings of the 10th International Tribology Conference, Pretoria, South Africa, 5-7 April 2011. [S.l.], 2011. p. 104-111.

Veinthal, R., Kulu, P., Käerdi, H. Microstructural aspects of abrasive wear of composite powder materials and coatings // International journal of materials & product technology (2011) Vol. 40, 1/2, p. 92-119.

Veinthal, R., Sergejev, F., Emrah Yaldiz, C., Mikli, V. Impact wear performance of thin hard coatings on TiC cermets // Journal of ASTM International (2011) Vol. 8, 7, [10] p.

Velgosova, O., Besteri, M., Kovac, L., Kulu, P., Huang, S.-J. Effect of strain rate, volume fraction of particles and temperature on fracture mechanism in Al-Al₄C₃ systems // Kovove materialy = Metallic materials (2011) Vol. 49, 5, p. 361-367.

Velsker, T., Eerme, M., Majak, J., Pohlak, M., Karjust, K. Artificial neural networks and evolutionary algorithms in engineering design // Journal of achievements in materials and manufacturing engineering (2011) Vol. 44, 1, p. 88-95.

Vendt, R., Juurma, M., Vabson, V., Jaanson, P., Kübarsepp, T., Noorma, M. Effects of environmental conditions on the performance of thermal imagers // International journal of thermophysics (2011) Vol. 32, 1/2, p. 248-257.

Volkova, A., Hlebnikov, A., Siirde, A. Methodology for defining of eligible capacity for wood fuel based cogeneration plants in small towns in Estonia // Journal of energy and power engineering (2011) Vol. 5, 6, p. 481-489.

Volkova, A., Roos, I., Soosaar, S., Siirde, A. Competitiveness of wood fuel in the conditions of open electricity market in Post-Kyoto period : case study for Estonia // Proceedings of 3rd International Conference on Clean Electrical Power, Renewable Energy Resources Impact, Ischia, Italy, 14th-16th June, 2011. [S.l.] : IEEE, 2011. p. 660-667.

Volkova, A., Siirde, A. The use of thermal energy storage for energy system based on cogeneration plant // Recent Researches in Geography, Geology, Energy, Environment and Biomedicine : Proceedings of the 4th WSEAS International Conference on Engineering Mechanics, Structures, Engineering Geology (EMESEGE '11) : Proceedings of the 2nd International Conference on Geography and Geology 2011 (WORLD-GEO '11) : Proceedings of the 5th International Conference on Energy and Development - Environment - Biomedicine 2011 (EDEB '11), Corfu Island, Greece, July 14-16, 2011. [S.l.], 2011. p. 71-75.

* Voltsihhin, N., Hussainova, I., Antonov, M. Abrasion of WC based hardmetals // ECOTRIB 2011 : 3rd European Conference on Tribology and 4th Vienna

SOTSIAALTEADUSKOND

International Conference on Nano-Technology : June 7-9, 2011, Vienna, Austria. 1. [Vienna] : Österreichische Tribologische Gesellschaft, 2011. p. 229-232.

Väljaots, E., Laaneots, R., Sell, R. Uncertainty in ground vehicle dynamic measurement system // Системи обробки інформації (2011) 1(91), p. 52-56.

Yung, D.-L., Kollo, L., Hussainova, I., Zikin, A. Mechanically activated synthesized zirconium carbide substrate to make ZrC-Mo cermets // Proceedings of EURO PM 2011 Congress & Exhibition : October 9-12, 2011, Barcelona, Spain. Shrewsbury : European Powder Metallurgy Association, 2011. [6] p.

* Yung, D.-L., Kollo, L., Hussainova, I., Zikin, A. Mechanically activated synthesis of ZrC nanopowders to produce composites with TiC and Mo additives // ECOTRIB 2011 : 3rd European Conference on Tribology and 4th Vienna International Conference on Nano-Technology : June 7-9, 2011, Vienna, Austria. 2. [Vienna] : Österreichische Tribologische Gesellschaft, 2011. p. 793-796.

SOTSIAALTEADUSKOND

Raamatud

Drechsler, W., Raudla, R. (eds.). Halduskultuur = Administrative culture = Административная культура = Verwaltungskultur = Hallintokulttuuri. Vol. 12, 1, Law & economics analysis in governance. Tallinn : Tallinn University of Technology, 2011. 111 p.

Drechsler, W. (ed.). Halduskultuur = Administrative culture = Административная культура = Verwaltungskultur = Hallintokulttuuri. Vol. 12, 2. Tallinn : Tallinn University of Technology, 2011. 109-209 p.

Heinsalu, A., Koitmäe, A., Pilving, M., Vinkel, P. (koost.) Valimised Eestis 1992-2011 : statistikat ja selgitusi. Tallinn : Vabariigi Valimiskomisjon, 2011. 118 lk.

Huan-Niemi, E., Kull, M., Liesivaara, P., Niemi, J. Yhteisen maatalouspolitiikan uudistus : vaihtoehtoisten tukikriteerien vaikutukset jäsenmaiden rahoitusosuuksiin? [Electronic resource]. [S.l.] : MTT, 2011. 39 s. (MTT Raportti ; 17).

Karo, E. Governance of innovation policy in catching-up context : theoretical considerations and case studies of Central and Eastern European economies. Tallinn : TUT Press, 2011. 253 p. (Tallinn University of Technology Doctoral Theses. Series I, Social sciences ; 14).

Kattel, R., Mikulowski, W., Peters, B.G. (eds.). Public administration in times of crisis. Bratislava : NISPAcee Press, 2011.

Kostakis, V. Ματρίτσκα. Ioannina, Greece : Voreiodytikos Publishing House, 2011. 80 p.

Käsper, K., Meiorg, M. (eds.). Human rights in Estonia 2010 : annual report of the Estonian Human Rights Centre. [Tallinn] : Foundation Estonian Human Rights Centre, 2011. 196 p.

Käsper, K., Meiorg, M. (toim.). Inimõigused Eestis 2010 : Eesti Inimõiguste Keskuse aastaaruanne. [Tallinn] : Eesti Inimõiguste Keskus, 2011. 196 lk.

Kostakis, V. The political economy of information production in the social web : towards a "partner state approach". Tallinn : TUT Press, 2011. 153 p. (Tallinn University of Technology Doctoral Theses. Series I, Social sciences ; 17).

Lember, V., Parrest, N., Tohvri, E. Vabaihendused ja avalikud teenused : partnerlus avaliku sektoriga : ülevaade ja juhised. [Tallinn] : Eesti Mittetulundusühingute ja Sihtasutuste Liit, 2011. 63 lk.

Meos, I. Kaasaja filosoofia : peatükke filosoofia ajaloost [Elektroniline teavik]. [S.l.], 2011. 128 lk.

Mäeltsemees, S., Reiljan, J. (toim.). Eesti majanduspoliitilised väitlused : majanduspoliitika teooria ja praktika = Estnische Gespräche über Wirtschaftspolitik : Theorie und Praxis der Wirtschaftspolitik = Discussions on Estonian economic policy : theory and practice of economic policy. 1. Berlin : Berliner Wissenschafts-Verlag GmbH ; Tallinn : Mattimar, 2011. 314 lk. [CD-ROM]. (Eesti majanduspoliitilised väitlused ; 19).

Mäeltsemees, S., Reiljan, J. (toim.) Eesti majanduspoliitilised väitlused : majanduspoliitika aktuaalsed küsimused = Estnische Gespräche über Wirtschaftspolitik : Aktuelle Fragen der Wirtschaftspolitik = Discussions on Estonian economic policy : topical issues of economic policy. 2. Berlin : Berliner Wissenschafts-Verlag GmbH ; Tallinn : Mattimar, 2011. 307 lk. [CD-ROM]. (Eesti majanduspoliitilised väitlused ; 19).

Mäeltsemees, S., Reiljan, J. (toim.) Eesti majanduspoliitilised väitlused : majanduspoliitika teooria ja praktika : [artiklite kokkuvõtted]. 1. Berlin : Berliner Wissenschafts-Verlag GmbH ; Tallinn : Mattimar, 2011. 98 lk. (Eesti majanduspoliitilised väitlused ; 19).

Mäeltsemees, S., Reiljan, J. (toim.) Eesti majanduspoliitilised väitlused : majanduspoliitika aktuaalsed küsimused : [artiklite kokkuvõtted]. 2. Berlin : Berliner Wissenschafts-Verlag GmbH ; Tallinn : Mattimar, 2011. 115 lk. (Eesti majanduspoliitilised väitlused ; 19).

Nyman-Metcalf, K., Richter, A. Guide to the digital switchover. Vienna : OSCE, 2010. 120 p.

Найман-Меткалф, К., Рихтер, А. Путеводитель по вопросам перехода на цифровое телерадиовещание. Вена : ОБСЕ, 2010. 140 с.

Stepanov, H., Vinkel, P. (koost.). Riigikogu valimine 6. märts 2011. Tallinn : [Riigikogu Kantselei], 2011. 229, [1] lk.

SOTSIAALTEADUSKOND

Suurna, M. Innovation and high-technology policy, policy-making and implementation in Central and Eastern European countries : the case of Estonia. Tallinn : TUT Press, 2011. 345 p. (Tallinn University of Technology Doctoral Theses. Series I, Social sciences ; 15).

Tiits, M. Technology foresight and the catching-up strategy in small countries : the case of Estonia. Tallinn : TUT Press, 2011. 229 p. (Tallinn University of Technology Doctoral Theses. Series I, Social sciences ; 16).

Valdmaa, K., Kalvet, T. (eds.) Emergence of the clean technologies sector in the Baltic Sea region [Electronic resource]. Tallinn : Tallinn University of Technology, 2011. 366 p.

Artiklid

Aidarov, A., Drechsler, W. The law & economics of the Estonian law on cultural autonomy for national minorities and of Russian national cultural autonomy in Estonia // Halduskultuur = Administrative culture. Vol. 12, 1, Law & economics analysis in governance. Tallinn : Tallinn University of Technology, 2011. p. 43-61.

Drechsler, W. Understanding the problems of mathematical economics: a "continental" perspective // Real-world economics review (2011) 56, p. 45-57.

Drechsler, W. Prof. Dr. Dr.h.c.mult. György Jenei : laudatio and introduction // Halduskultuur = Administrative culture. Vol. 12, 2. Tallinn : Tallinn University of Technology, 2011. p. 112-113.

Drechsler, W., Raudla, R. Law & economics analysis in governance? : an introduction // Halduskultuur = Administrative culture. Vol. 12, 1, Law & economics analysis in governance. Tallinn : Tallinn University of Technology, 2011. p. 4-11.

Duve, T., Drechsler, W. Insolvent local government : German approaches to prevention // Uprava – Administration (2011) Vol. 9, 2, p. 7-36.

Erne, J. An attempt to understand human rights and European values – an introductory conceptual approach [Electronic resource] // SSRN Working Paper Series. [S.l.], 2011. 13 p.

Erne, J. Euroopa erakondade osa euroopaliku poliitilise teadvuse kujundamisel // Konverents "20 aastat iseseisvust", Tallinna Ülikool, 22.-23. august 2011. [S.l.], 2011.

Erne, J. Inferences about the Egyptian nation while deconstructing the Arab-Western opposition [Electronic resource] // SSRN Working Paper Series. [S.l.], 2011. 17 p.

Erne, J. Islamic and Christian understanding of fundamental rights as constitutive values // 1st Global Islamic Marketing Conference, Dubai, March 20-22, 2011. [S.l.], 2011. 5 p.

Erne, J. Kes juhib Euroopat? – Euroopa poliitika rahastamisest // Konverents "20 aastat iseseisvust", Tallinna Ülikool, 22.-23. august 2011. [S.l.], 2011.

Erne, J. Remedies for breach of EU law revisited [Electronic resource] // SSRN Working Paper Series. [S.l.], 2011. 15 p.

Erne, J. The concept of nation in Arab-Israeli conflict – regulating international community under international law // NOPSÄ 2011 : XVI Nordic Political Science Congress, Åbo Akademi, Finland, 9-12 August 2011. [S.l.], 2011. 20 p.

Erne, J. Uus meedia valija individuaalsuse kujundajana // Konverents "20 aastat iseseisvust", Tallinna Ülikool, 22.-23. august 2011. [S.l.], 2011.

Hempel, C.G. ; (tlk.) Meos, I. Psühholoogia loogiline analüüs // Akadeemia (2011) 7, lk. 1336-1351.

Kalvet, T. Country report on achievements of cohesion policy : Estonia // Expert evaluation network delivering policy analysis on the performance of cohesion policy 2007-2013. Brussels : DG Regional Policy, 2011. 36 p.

Kalvet, T. Policy paper on renewable energy and energy efficiency of residential housing : Estonia // Expert evaluation network delivering policy analysis on the performance of cohesion policy 2007-2013. Brussels : DG Regional Policy, 2011. 21 p.

Karo, E. Evolution of innovation policy governance systems and policy capacities in the Baltic States // Journal of Baltic studies (2011) Vol. 42, 4, p. 511-536.

Karo, E., Kattel, R. Should "open innovation" change innovation policy thinking in catching-up economies? Considerations for policy analyses // Innovation : the European journal of social science research (2011) Vol. 24, 1/2, p. 173-198.

Kattel, R., Lember, V. Public procurement as an industrial policy tool : an option for developing countries? // Procurement and the millennium development goals : supplement to the 2010 annual statistical report on United Nations procurement. [S.l.] : UNOPS, 2011. p. 31-33.

Kattel, R., Randma-Liiv, T., Kalvet, T. Small states, innovation and administrative capacity // Innovation in the public sector : linking capacity and leadership. [S.l.] : Palgrave Macmillan, 2011. p. 61-81.

* Kerikmäe, T. Deliberative supranationalism as a new guarantor for European rechtsstaat // Central and Eastern European Countries after and before the Accession. Vol. 2. Budapest : ELTE AJTK, 2011. p. 185-197.

Kerikmäe, T. Estonia as an EU member state : lack of pro-active constitutional dialogue // Constitutional evolution in Central and Eastern Europe : expansion and integration in the EU. Farnham : Ashgate, c2011. p. [11]-41. (Studies in modern law and policy).

Kerikmäe, T. Estonsko jako členský stát Evropské unie v kontextu deliberativního supranacionalizmu : nedostatek aktivního ústavního dialogu // Acta Iuridica Olomucensia (2011) Vol. 6, 1, p. 99-114.

SOTSIAALTEADUSKOND

* Kerikmäe, T. Possibility of using deliberative supranationalism in new member states // Central and Eastern European Countries after and before the Accession : Possible ways of Cooperation, Budapest, 28-29 April 2011. [S.l.], 2011.

Kerikmäe, T. Right to education // Human rights in Estonia 2010 : annual report of the Estonian Human Rights Centre. [Tallinn] : Foundation Estonian Human Rights Centre, 2011. p. 102-111.

Kerikmäe, T. Õigus haridusele // Inimõigused Eestis 2010 : Eesti Inimõiguste Keskuse aastaaruanne. [Tallinn] : Eesti Inimõiguste Keskus, 2011. lk. 102-110.

Kerikmäe, T., Käsper, K. Some hints to become successful international law school in Europe based on empirical experiences // International Association of Law Schools : Conference on Teaching, Legal Education and Strategic Planning : Buenos Aires, Argentina, 13-15 April 2011. [Buenos Aires], 2011. p. 193-196.

Kerikmäe, T., Nyman-Metcalf, K. EU standards and deliberative democracy : case of Kyrgyzstan // L'Europe Unie = United Europe (2011) 5, p. 38-51.

Kerikmäe, T., Nyman-Metcalf, K., Pöder, M.-L. The August 2008 Russian-Georgian war : issues of international law // Baltic yearbook of international law. Vol. 10, 2010. Leiden, 2011. p. 1-27.

Kipper, H., Rütütmann, T. Kümme aastat inseneripedagoogikat Eestis // Inseneeria (2011) 10, lk. 39-41.

Kostakis, V. The advent of open source democracy and wikipolitics : challenges, threats and opportunities for democratic discourse // Human technology : an interdisciplinary journal on humans in ICT environments (2011) Vol. 7, 1, p. 9-29.

* Kostakis, V. The information commons and the partner state approach // London School of Economics - Hellenic Observatory. [S.l.], 2011.

* Kostakis, V. The political economy of information production in the social web : chances for reflection on our institutional design // UnLike Us Kick Off Meeting, Cyprus University of Technology & Institute of Network Cultures. [S.l.], 2011. (UnLike Us Kick Network).

Kostakis, V. Commons-based peer production and the Neo-Weberian State : synergies and interdependencies // Halduskultuur = Administrative culture. Vol. 12, 2. Tallinn : Tallinn University of Technology, 2011. p. 146-161.

* Kregel, J. Foreword // Financial liberalisation and economic performance : Brazil at the crossroads. London : Routledge, 2011.

Kregel, J. The report of the Commission of Experts on Reform of the International Monetary and Financial System and its economic rationale // Reforming the international financial system for development. New York : Columbia University Press, 2011. p. 296-313.

Käsper, K. Right to free elections // Human rights in Estonia 2010 : annual report of the Estonian Human Rights Centre. [Tallinn] : Foundation Estonian Human Rights Centre, 2011. p. 114-124.

Käsper, K. Õigus vabadele valimistele // Inimõigused Eestis 2010 : Eesti Inimõiguste Keskuse aastaaruanne. [Tallinn] : Eesti Inimõiguste Keskus, 2011. lk. 112-122.

Käsper, K., Pilt, E. Right to respect for private and family life // Human rights in Estonia 2010 : annual report of the Estonian Human Rights Centre. [Tallinn] : Foundation Estonian Human Rights Centre, 2011. p. 56-62.

Käsper, K., Pilt, E. Õigus austusele perekonna- ja eraelu vastu // Inimõigused Eestis 2010 : Eesti Inimõiguste Keskuse aastaaruanne. [Tallinn] : Eesti Inimõiguste Keskus, 2011. lk. 56-62.

Lember, V., Kalvet, T., Kattel, R. Public sector innovation at the urban level : the case of public procurement // Innovation in the public sector : linking capacity and leadership. [S.l.] : Palgrave Macmillan, 2011. p. 82-104.

Lember, V., Kalvet, T., Kattel, R. Urban competitiveness and public procurement for innovation // Urban Studies (2011) Vol. 48, no 7, p. 1373-1395.

Linnas, R. An integrated model for the audit, control and supervision of local government // Local government studies (2011) Vol. 37, 4, p. 407-428.

Madise, Ü. Freedom of expression // Human rights in Estonia 2010 : annual report of the Estonian Human Rights Centre. [Tallinn] : Foundation Estonian Human Rights Centre, 2011. p. 64-69.

Madise, Ü. Sõnavabadus // Inimõigused Eestis 2010 : Eesti Inimõiguste Keskuse aastaaruanne. [Tallinn] : Eesti Inimõiguste Keskus, 2011. lk. 64-69.

Madise, Ü., Vinkel, P. Constitutionality of remote internet voting: the Estonian perspective // Juridica International (2011) XVIII, p. 4-16.

Meiorg, M. Kogunemisvabadus // Inimõigused Eestis 2010 : Eesti Inimõiguste Keskuse aastaaruanne. [Tallinn] : Eesti Inimõiguste Keskus, 2011. lk. 72-82.

Meiorg, M. Right to freedom of peaceful assembly // Human rights in Estonia 2010 : annual report of the Estonian Human Rights Centre. [Tallinn] : Foundation Estonian Human Rights Centre, 2011. p. 72-82.

Meiorg, M. Right to protection of property // Human rights in Estonia 2010 : annual report of the Estonian Human Rights Centre. [Tallinn] : Foundation Estonian Human Rights Centre, 2011. p. 98-100.

Meiorg, M. Õigus vara kaitsele // Inimõigused Eestis 2010 : Eesti Inimõiguste Keskuse aastaaruanne. [Tallinn] : Eesti Inimõiguste Keskus, 2011. lk. 98-100.

Meiorg, M., Pilt, E. Right to a fair trial // Human rights in Estonia 2010 : annual report of the Estonian Human Rights Centre. [Tallinn] : Foundation Estonian Human Rights Centre, 2011. p. 46-54.

Meiorg, M., Pilt, E. Õigus õiglasele kohtulikule arutamisele // Inimõigused Eestis 2010 : Eesti Inimõiguste Keskuse aastaaruanne. [Tallinn] : Eesti Inimõiguste Keskus, 2011. lk. 46-54.

SOTSIAALTEADUSKOND

Mäeltsemees, S. Linnavolikogu algusaegadest // Tallinna seitsmes linnavolikogu. [Tallinn] : Tallinna Linnavolikogu Kantselei, 2011. lk. 7-13.

Mäeltsemees, S., Kull, M., Lõhmus, M. Pealinnaregiooni juhtimise õiguslikud ja majanduslikud probleemid ning nende lahendamise võimalused // Eesti majanduspoliitilised väitlused : majanduspoliitika teooria ja praktika. 1. Berlin : Berliner Wissenschafts-Verlag GmbH ; Tallinn : Mattimar, 2011. lk. 54-60. (Eesti majanduspoliitilised väitlused ; 19).

Mäeltsemees, S., Kull, M., Lõhmus, M. Rechtliche und wirtschaftliche Probleme der Verwaltung der Hauptstadtregion und ihre Lösungsmöglichkeiten [Electronic resource] // Eesti majanduspoliitilised väitlused : majanduspoliitika teooria ja praktika. 1. Berlin : Berliner Wissenschafts-Verlag GmbH ; Tallinn : Mattimar, 2011. p. 112-134 [CD-ROM]. (Eesti majanduspoliitilised väitlused ; 19).

Näpinen, L. On the unfitnes of the exact science for the understanding of nature // Baltic journal of European studies (2011) Vol. 1, 1(9), p. 74-82.

Nyman-Metcalf, K. Constitutionalization and the media in post-enlargement Central and Eastern Europe // Constitutional evolution in Central and Eastern Europe : expansion and integration in the EU. Farnham : Ashgate, c2011. p. [231]-251. (Studies in modern law and policy).

Papanikolaou, G., Kostakis, V. An essay on P2P energy policy // Acoustic space (2011) 8, Energy, p. 26-30.

Parts, V. Value orientations and organizational commitment // 15th Conference of the European Association of Work and Organizational Psychology, Maastricht, May 25-28, 2011. [S.l.], 2011. p. 488.

Peters, B.G., Pierre, J., Randma-Liiv, T. Global financial crisis, public administration and governance : do new problems require new solutions? // Public organization review (2011) Vol. 11, 1, p. 13-27.

Pijetlovic, K. Another classic of EU sports jurisprudence : legal implications of Olympique Lyonnais SASP v Olivier Bernard and Newcastle UFC (C-325/08) // European current law (2011) 4, p. ix-xxviii.

Pijetlovic, K. Social dialogue in professional football in Europe // European Union sports policy update : sport and the law journal (2010) Vol. 18, 2, p. 56-60.

Randlane, K. Maksukuulekus ja selle tähendus sisejulgeoleku teoreetilises käsitluses // Sisekaitseakadeemia toimetised (2011) 10, Tark turvalisus = SmART security, lk. 284-301.

Randma-Liiv, T. Neo-Weberian State // International encyclopedia of political science. [S.l.] : Sage Publications, 2011.

Randma-Liiv, T., Järvalt, J. Public personnel policies and problems in the new democracies of Central and Eastern Europe // Journal of comparative policy analysis: research and practice (2011) Vol. 13, 1, p. 35-49.

Randma-Liiv, T., Nakrosis, V., Hajnal, G. Preface // Transylvanian review of administrative sciences (2011) Vol. 35, p. 5-6.

Randma-Liiv, T., Nakrosis, T., Hajnal, G. Public sector organization in Central and Eastern Europe : from agencification to de-agencification // Transylvanian review of administrative sciences (2011) Vol. 35, p. 160-175.

Randmann, L. Töö ja sugu // Eesti Naine (2011) 6, lk. 52-53.

Raudla, R. Effects of a constitution on taxation: the role of constitutional review in the development of tax laws in Estonia // Halduskultuur = Administrative culture. Vol. 12, 1, Law & economics analysis in governance. Tallinn : Tallinn University of Technology, 2011. p. 76-105.

Raudla, R., Kattel, R. Why did Estonia choose fiscal retrenchment after the 2008 crisis? // Journal of public policy (2011) Vol. 31, 2, p. 163-186.

Reinert, E.S., Kattel, R., Amaizo, Y.E. State failure, poverty and productive structure // Strategies against poverty : designs from the North and alternatives from the South. Buenos Aires : CLACSO, 2011. p. 325-347.

Rüütmann, T., Kipper, H. Active teaching methods in engineering pedagogy // International Conference "University Teaching as a Scholarship?" January 24th - 26th, 2011, Tartu, Estonia. [S.l.], 2011.

Rüütmann, T., Kipper, H. Complex approach to technical teacher education in engineering pedagogy // IGIP'2011 : 40th IGIP International Symposium on Engineering Education, March 27-30, 2011, Santos, Brazil. [S.l.] : COPEC, 2011. p. 13-17.

Rüütmann, T., Kipper, H. Effective teaching strategies for direct and indirect instruction in teaching engineering implemented at Tallinn University of Technology // Problems of education in the 21st century (2011) 36, p. 60-75.

Rüütmann, T., Kipper, H. Interactive methods in teaching engineering // 3rd International Materials Education Symposium, April 7-8, 2011, Cambridge, UK. [S.l.], 2011. p. 52.

Rüütmann, T., Kipper, H. Teaching strategies for direct and indirect instruction in teaching engineering // 14 th International Conference on Interactive Collaborative Learning (ICL'2011), 21-23 September 2011, Piešťany, Slovakia. Wien : International Association of Online Learning, 2011. p. 107-114.

Rüütmann, T., Kipper, H. Teaching strategies for direct and indirect instruction in teaching engineering // International journal of engineering pedagogy (2011) Vol. 1, 3, p. 37-44.

* Rüütmann, T., Kipper, H. Workshop on effective college teaching by Dr Richard Felder and Dr Rebecca Brent at Tallinn University of Technology, October 17-18, 2011 // International Society for Engineering Education (IGIP). Report. Official Journal of IGIP (2011) 40, lk. 24-25.

SOTSIAALTEADUSKOND

Sarapuu, K. Post-communist development of administrative structure in Estonia : from fragmentation to segmentation // Transylvanian review of administrative sciences (2011) Vol. 35, p. 54-73.

Suurna, M. The developments in the business models of biotechnology in the Central and Eastern European countries : the example of Estonia // Journal of commercial biotechnology (2011) Vol. 17, 1, p. 84-108.

* Teichmann, M. Digital teaching tools for teaching psychology // Creating Value through Occupational Psychology. [S.l.] : The British Psychological Society, 2011. p. 67-68.

* Teichmann, M. Innovations in dissemination and teaching industrial and organizational psychology // Creating Value through Occupational Psychology : summaries. [S.l.] : The British Psychological Society, 2011. p. 52.

* Teichmann, M. The challenges facing academic staff professional development in a technical university // Baltech Conference "Career Paths and Staff Development", April 14-15, 2011, Linköping, Sweden. [S.l.], 2011. 1-19 p.

Teichmann, M., Dondon, Ph. Sources of stress in Bordeaux University academics // Recent Researches in Educational Technology : Proceedings of the 8th WSEAS International Conference on Engineering Education (EDUCATION '11) ; Proceedings of the 2nd International Conference on Education and Educational Technologies 2011 (WORLD-EDU '11), Corfu Island, Greece, July 14-16, 2011. [S.l.] : WSEAS Press, 2011. p. 98-105.

Teichmann, M., Ilvest, J. Work stressors in university academics // 15th Conference of the European Association of Work and Organizational Psychology, Maastricht, May 25-28, 2011. [S.l.], 2011. p. 10.

Teichmann, M., Randmann, L. 6 müüti inimeste juhtimisest : vaata, et sa ei lase ennast neist eksitada! // Director (2011) 10, lk. 56, 58.

Tsybulenko, E. Ukraina käestlastud võimalus // Maailma Vaade (2011) 13, lk. 16-18.

Valdmaa, K., Kalvet, T. Emergence of the clean technologies sector in Estonia [Electronic resource] // Emergence of the clean technologies sector in the Baltic Sea region. Tallinn, 2011. p. 158-244.

Valdmaa, K., Matsulevitš, L. Tärkavad seemned Eesti clean-tech-maastikul // Keskkonnatehnika (2011) 8, lk. 19-20.

Venesaar, M., Pevkur, A. Eesti Arstide Liidu eetikakonverents "Kollegiaalsus või korporatiivsus" // Eesti Arst (2011) 10, lk. 489-490.

MUUD VÄLJAANDED

Üleülikoolilised väljaanded Muud struktuuriüksused

Raamatud

Amon, L. Palaeoecological reconstruction of late-glacial vegetation dynamics in Eastern Baltic Area : a view based on plant macrofossil analysis. Tallinn : TUT Press, 2011. 154 p. (Theses of Tallinn University of Technology. B, Thesis on natural and exact sciences ; 116).

Bobrov, K., Tibar, A., Prööm, R., Paas, M., Jantson, S., Lahtmets, R. Akadeemik Aleksander Voldek 100 : [artiklikogumik ja bibliograafia]. Tallinn : [TTÜ kirjastus], 2011. 89 lk. (Tallinna Tehnikaülikooli Raamatukogu töid. B ; 11).

Bobrov, K., Tibar, A., Prööm, R., Paas, M., Jantson, S. (koost. ja toim.). Emeriit-professor Juha Kallas : bibliograafia. Tallinn : [TTÜ kirjastus], 2011. 108 lk. (Tallinna Tehnikaülikooli Raamatukogu töid. B ; 10).

Bobrov, K. (koost.). Rein Kuusik. Tallinn : Tallinna Tehnikaülikooli Raamatukogu, 2011. 112 lk. (Tallinna Tehnikaülikooli Raamatukogu töid. B ; 12).

Czosseck, C., Tõugu, E., Wingfield, T. (eds.). 2011 : 3rd International Conference on Cyber Conflict : 7-10 June 2011, Tallinn, Estonia : proceedings. [Tallinn] : CCD COE Publications, c2011. 186 p.

Ferenets, R. Digitaalne signaalitöötlus : valitud FIR-filtrite disainimine. Tallinn : TTÜ kirjastus, 2011. 104 lk.

Janno, J., Engelbrecht, J. Microstructured materials : inverse problems. Berlin : Springer, 2011. ix, 159 p.

Kikas, K. Ühiskond ja raamatukogu : vaade ajaloole. Tallinn : Tallinna Tehnikaülikooli Raamatukogu, 2011. 166 lk.

Krumm, K. Investeeringute alused. Tallinn : TTÜ Tallinna Kolledž, 2011. 91 lk.

Laane, E. Multiparameter flow cytometry in haematological malignancies. Tartu : Tartu University Press, 2011. 151, [1] lk. (Dissertationes medicinae Universitatis Tartuensis ; 189).

Maigre, R. Composition of Web services on large service models. Tallinn : TUT Press, 2011. 101 p. (Theses of Tallinn University of Technology. C, Thesis on informatics and system engineering ; 65).

Mägi, V. (koost.). Tallinna Tehnikaülikooli aastaraamat 2010. [Tallinn] : TTÜ kirjastus, 2011. 476 lk., 16 lk. värvifotod. (Tallinna Tehnikaülikooli aastaraamat ; 18).

Mägi, V., Valmas, A. (koost.). Eesti teadlased ja insenerid välismaal : [artiklikogumik]. Tallinn : Teaduste Akadeemia Kirjastus, 2011. 296 lk.

Nutt, N. (toim.). *Acta architecturae naturalis = Maastikuarhitektuurseid uurimusi*. 1. vihik. [Tallinn] : Tallinna Tehnikaülikool, 2011. 182 lk.

Nutt, N. (koost.). *Pargi hoolduskava koostamise juhend*. Tartu ; [Tallinn] : Keskkonnaamet, c2011. 54, 52, [1] lk.

Peets, T. *Dispersion analysis of wave motion in microstructured solids*. Tallinn : TUT Press, 2011. 121 p. (Theses of Tallinn University of Technology. B, Thesis on natural and exact sciences ; 117).

Popp, A. *Ordovician proetid trilobites in Baltoscandia and Germany*. Tallinn : TUT Press, 2011. 115 p. (Theses of Tallinn University of Technology. B, Thesis on natural and exact sciences ; 105).

Parmasto, E., Laisk, A., Kaljo, D. (toim.). *Teadusmõte Eestis (VI). Elu- ja maateadused : [artiklikogumik]*. Tallinn : Eesti Teaduste Akadeemia, 2011. 198, [1] lk. (Teadusmõte Eestis ; 6).

Prööm, R. (koost.). *Eesti tehnikaartiklid 1941-1944 : bibliograafia. Registrid 1918-1944 = Estonian articles on technology 1941-1944 : bibliography. Indexes 1918-1944 = Указатель статей по технике, изданных в Эстонии в 1941-1944. Указатели 1918-1944*. Tallinn : [Tallinna Tehnikaülikooli kirjastus], 2011. 284 lk. (Tallinna Tehnikaülikooli raamatukogu töid. B ; 13).

Pärn, O. *Sea ice deformation events in the Gulf of Finland and their impact on shipping*. Tallinn : TUT Press, 2011. 83 p. (Theses of Tallinn University of Technology. B, Thesis on natural and exact sciences ; 106).

Pärss, R. (koost. ja toim.). *Aastaraamat 2010 / Tallinna Tehnikaülikool, Virumaa Kolledž. Kohtla-Järve : TTÜ kirjastus*, 2011. 92 lk.

Ross, P. *Data sharing and shared workflow in medical imaging*. Tallinn : TUT Press, 2011. 124 p. (Theses of Tallinn University of Technology. E, Thesis on mechanical and instrumental engineering ; 63).

Saare maakonna hajaasustuse üksikmajapidamiste reovee käitlemisviiside määraja. Kuressaare : TTÜ Kuressaare Kolledž, [2011]. 38 lk.

Soomere, T., Nõges, T., Help, H.-L. jt. (toim.). *Teadusmõte Eestis (VII). Meri. Järved. Rannik : [artiklikogumik]*. Tallinn : Eesti Teaduste Akadeemia, 2011. 230, [1] lk. (Teadusmõte Eestis ; 7).

Tepp, M., Reino, A., Leimann, J., Parts, V., Rillo, M. jt. *Eesti juhtimisvaldkonna uuring : uuringu aruanne*. Tartu : Tartu Ülikooli majandusteaduskond, 2011. 259 lk.

Verš, E., Preeden, U., Lang, L. (toim.). *Maa ressursid : [7. geoloogia sügiskooli artiklid ja ettekanded]*. Tartu : Eesti Looduseuurijate Selts, 2011. 148 lk. (Schola geologica ; 7).

Väli, G. *Numerical experiments on matter transport in the Baltic Sea*. Tallinn : TUT Press, 2011. 100 p. (Theses of Tallinn University of Technology. B, Thesis on natural and exact sciences ; 107).

Artiklid

Abel, E., Mägi, V. Alfred Ots – Saaremaa rannakülast NASA juhtivaks elektro-mehaanikuks // Eesti teadlased ja insenerid välismaal. Tallinn : Eesti Teaduste Akadeemia Kirjastus, 2011. lk. 243-246.

Agurajjuja, R. Aasta tegu teadusraamatukogus 2010 – Tallinna Tehnikaülikooli Raamatukogu avakogu elektroonilise juhi loomine // Eesti Raamatukoguhoidjate Ühingu aastaraamat 2010. Tallinn : Eesti Raamatukoguhoidjate Ühingu, 2011. lk. 148-149, 197-198.

Keevallik, A. Rektor Andres Keevalliku kõne [inauguratsioonitseremoonial] // Tallinna Tehnikaülikooli aastaraamat 2010. [Tallinn] : TTÜ kirjastus, 2011. lk. 12-15.

Keevallik, A. Ühise tüve kaks tugevat haru // Universitas Tartuensis : UT : Tartu Ülikooli ajakiri (2011) 5, lk. 42-43.

Kolk, A. Miks on vaja TTÜ uut kodu Silicon Valleys // Arvutimaailm (2011) 11, lk. 8-9.

Kolk, A. TTÜ pürib rahvusvaheliseks tippteadusülikooliks : [intervjuu] // Inseneeria (2011) 10, lk. 34-35.

Kont, K.-R. Balti Teadusajaloo konverentsid muutuvad üha rahvusvahelisemaks // Raamatukogu (2011) 1, lk. 31.

Kont, K.-R. Developments in usage and acquisitions of scientific information in the Baltic States' leading Technical University Libraries : past trends and current challenges // Journal of Baltic Studies (2011) Vol. 42, 4, p. 537-551.

Kont, K.-R., Jantson, S. Activity-based costing (ABC) and time-driven activity-based costing (TDABC) : applicable methods for university libraries? // Evidence based library and information practice (2011) Vol. 6, 4, p. 107-119.

Kont, K.-R., Jantson, S. New models of cost accounting for reducing the impacts of financial crisis in a public sector organization (based on the example of library) // CMS7 2011 : 7th International Critical Management Studies Conference, July 11-13, 2011 Naples. [S.I.], 2011. 12 p.

Mägi, V. August Komendant maailma ehitustandril // Eesti teadlased ja insenerid välismaal. Tallinn : Eesti Teaduste Akadeemia Kirjastus, 2011. lk. 190-200.

Mägi, V. Eestlased tehnikat õppimas Peterburis, Darmstadtis, Nancy ja mujal // Inseneeria (2011) 1, lk. 46-47.

Mägi, V. Eesti tehnikaharidus eksilis // Haridus (2011) 2, lk. 41-45.

Mägi, V. Elektriinsener Otto Reinvald // Inseneeria (2011) 5, lk. 40-42.

Mägi, V. Estonian technology education in exile after the Second World War // Baltic journal of European studies (2011) Vol.1, 1(9), p. 379-389.

Mägi, V. Industrial monument or consumer-friendly manufacturing giant // Consumer Choice and Technology : ICOHTEC 2011 Conference in Glasgow, UK, 2nd-7th

MUUD VÄLJAANDED

August 2011 : programme and abstracts. Glasgow : University of Glasgow, 2011. p. 91.

Mägi, V. Insener August Velner // *Inseneeria* (2011) 4, lk. 50-51.

Mägi, V. Ka töömees vajab avaramat tehnilist silmaringi // *Inseneeria* (2011) 2, lk. 50-51.

Mägi, V. Keemiaprofessor Adolf Gustav Parts kodus ja võõrsil // *Eesti teadlased ja insenerid välismaal*. Tallinn : Eesti Teaduste Akadeemia Kirjastus, 2011. lk. 127-136.

Mägi, V. Mälupilte Laulust ja laulukaaress // Tallinna Tehnikaülikooli aastaraamat 2010. [Tallinn] : TTÜ kirjastus, c2011. lk. 209-211.

Mägi, V. Tallinna Tehnikaülikooli esimene elektrotehnika professor : [Otto Reinvald 125] // *Elektriala* (2011) 4, lk. 24-25.

Mägi, V. Tarbijad maailma tehnilist palet muutmas // *Elektriala* (2011) 5, lk. 16-17.

Mägi, V. Tehnika, tehnoloogia ja eestlaste tehniline meel // *Akadeemia* (2011) 10, lk. 1911-1944.

Mägi, V. Tehnoloogiainsener Evald Maltenek // *Inseneeria* (2011) 6, lk. 50-51.

Mägi, V. Tehnoloogiainsener Hans Einberg // *Inseneeria* (2011) 8, lk. 50-51.

Mägi, V. Tihenevad inseneride read lisasid Eestile elujõudu // *Inseneeria* (2011) 3, lk. 50-51.

Rebane, L. Über die neuzeitliche Einbandkunst am Beispiel eines Einbands von Kaspar Meuser // *Einbandforschung : Informationblatt des Arbeitskreises für die Erfassung, Erschließung und Erhaltung Historischer Bucheinbände (AEB)* (2011) 29, S. 38-51.

Rebane, L., Tarvas, A. Tallinna Tehnikaülikooli muuseum ajakeeristes // *Inseneeria* (2011) 10, lk. 6-10.

Viiding, J., Tammemäe, K. Strateegiline deklaratsioon TTÜ IT valdkonnale // *A & A* (2011) 3, lk. 57-61.

Publikatsioonide nimestik on koostatud Eesti Teadusinfosteemi sisestatud andmete ja TTÜ Raamatukogusse saabunud teavikute alusel. Publikatsiooni kättesaadavuse korral on nimestiku koostajad Ene Kahro, Aiki Tibar ja Milvi Vahtra *de visu* kirjeandmeid täpsustanud ning lisanud täiendavaid kirjeid. Tärniga (*) märgistatud töid ei ole koostajatel õnnestunud näha.

Nimestik *TTÜ publikatsioonid* on leitav ka: <http://www.ttu.ee/raamatukogu/> rubriigist *Infoallikad*.