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EHITUSTEADUSKOND

Raamatud

* Aalto, M., Asikainen, V., Kalamees, T., Kurnitski, J. (et al.). Sisäilmaongelmaisten koulurakennusten korjaaminen. Helsinki : Opetushallitus, 2008. 247 s.

Ellmann, A., Oja, T. Füüsikalise geodeesia ja gravimeetria alused. Tallinn : TTÜ kirjastus, 2008. 294 lk.

Haberman, J., Timm, T., Raukas, A. (toim.). Peipsi. Tartu : Eesti Loodusfoto, 2008. 472 lk.

Jaaniso, V. (tlk.). Eurokoodeks 7: Geotehniline projekteerimine. Osa 2, Pinnaseuuringud ja katsetamine. [Tallinn] : Eesti Standardikeskus, 2008. II, 194 lk. (Eesti standard ; EVS-EN 1997-2:2007).

Kala, V. Ehitusgeodeesia : [õpik]. [Tallinn] : TTÜ kirjastus, 2008. 271 lk.

Koppel, M. (koost.). Vuugitihendid ja -täited. Osa 3, Kasutusvalmis vuugitäidete spetsifikatsioonid. [Tallinn] : Eesti Standardikeskus, 2008. II, 17 lk. (Eesti standard ; EVS-EN 14188-3:2006).

Kulbach, V. (koost.). Eurokoodeks 3 : teraskonstruksioonide projekteerimine. Osa 2, Terassillad : Eesti standardi rahvuslik lisa. [Tallinn] : Eesti Standardikeskus, 2008. 23 lk. (Eesti standard ; EVS-EN 1993-2/NA:2008).

Kõiv, T.-A. Kütte ja ventilatsiooni laboratorsete tööde metoodilised materjalid. [Tallinn] : TTÜ kirjastus, 2008. 50 lk.

Lahe, A. Ehitusmehaanika kaasajastamisest [Elektroniline teavik]. Tallinn, 2008. 1 CD-ROM.

Liias, R. (tlk.). Korrashoid. Korrashoiu võtmenäitajad. [Tallinn] : Eesti Standardikeskus, 2008. II, 26 lk. (Eesti standard ; EVS-EN 15341:2007).

Liias, R., Tamm, A., Kröönström, J. jt. (koost.). Kinnisvarahooldaja käsiraamat. [Tallinn] : TTÜ kirjastus, c2008. 204, [3] lk.

Loorits, K. (koost.). Eurokoodeks 4 : terasest ja betoonist komposiitkonstruktsioonide projekteerimine. Osa 1-2, Üldeeskirjad. Tulepüsivusarvutus : Eesti standardi rahvuslik lisa. [Tallinn] : Eesti Standardikeskus, 2008. 7 lk. (Eesti standard ; EVS-EN 1994-1-2/NA:2008).

Loorits, K. (koost.). Eurokoodeks 1: ehituskonstruksioonide koormused. Osa 3, Kraana- ja masinakoormused : Eesti standardi rahvuslik lisa. [Tallinn] : Eesti Standardikeskus, 2008. 8 lk. (Eesti standard ; EVS-EN 1991-3/NA:2008).

Loorits, K. (koost.). Eurokoodeks 3 : teraskonstruksioonide projekteerimine. Osa 1-5, Tasapinnalised konstruksioonielemendid : Eesti standardi rahvuslik lisa. [Tallinn] : Eesti Standardikeskus, 2008. 9 lk. (Eesti standard ; EVS-EN 1993-1-5/NA:2008).

Loorits, K. (koost.). Eurokoodeks 3 : teraskonstruksioonide projekteerimine. Osa 1-3, Üldreeglid ja lisareeglid külmvormitud profiilidele ja profiilplekile : Eesti standardi rahvuslik lisa. [Tallinn] : Eesti Standardikeskus, [2008]. 15 lk. (Eesti standard ; EVS-EN 1993-1-3/NA:2008).

Loorits, K. (koost.). Kandvad tooted : projekteerimisjuhised : kaarestatud kandvad profiilid. Pärnu : Ruukki Products AS, 2008. 44 lk. Leitav: <http://www.ruukki.com/ee>.

Loorits, K. (koost.). Kandvad tooted : projekteerimisjuhised : kandvad profiilplekid. Pärnu : Ruukki Products AS, 2008. 77 lk. Leitav: <http://www.ruukki.com/ee>.

Loorits, K. (koost.). Kandvad tooted : projekteerimisjuhised : kergtalad (kergete terasroovid). Pärnu : Ruukki Products AS, 2008. 38 lk. Leitav: <http://www.ruukki.com/ee>.

Loorits, K. (koost.). Kandvad tooted : projekteerimisjuhised : liitprofiil CS48-36-750. Pärnu : Ruukki Products AS, 2008. 38 lk. Leitav: <http://www.ruukki.com/ee>.

Loorits, K. (tlk.). Eurokoodeks 4 : terasest ja betoonist komposiitkonstruksioonide projekteerimine. Osa 1-2, Üldeeskirjad. Tulepüvisusarvutus. [Tallinn] : Eesti Standardikeskus, 2008. II, 115, [1] lk. (Eesti standard ; EVS-EN 1994-1-2:2005+NA:2008).

Loorits, K. (tlk.). Eurokoodeks 1 : ehituskonstruksioonide koormused. Osa 3, Kraana- ja masinakoormused. [Tallinn] : Eesti Standardikeskus, 2008. 45 lk. (Eesti standard ; EVS-EN 1991-3:2006+NA:2008).

Loorits, K. (tlk.). Eurokoodeks 3 : teraskonstruksioonide projekteerimine. Osa 1-5, Tasapinnalised konstruksioonielemendid. [Tallinn] : Eesti Standardikeskus, 2008. II, 64 lk. (Eesti standard ; EVS-EN 1993-1-5:2006+NA:2008).

Loorits, K. (tlk.). Eurokoodeks 3 : teraskonstruksioonide projekteerimine. Osa 1-4, Üldreeglid. Täiendavad reeglid roostevaba terase jaoks. [Tallinn] : Eesti Standardikeskus, 2008. II, 40 lk. (Eesti standard ; EVS-EN 1993-1-4:2006+NA:2008).

Mespaak, V. (koost.). Asfaltsegud. Materjali spetsifikatsioon. Osa 7, Dreenasfalt. [Tallinn] : Eesti Standardikeskus, 2008. II, 27 lk. (Eesti standard ; EVS-EN 13108-7:2006).

Mespaak, V. (koost.). Teedeinstituut 50. Tallinn : TTÜ kirjastus, 2008. 67 lk., [16] lk. mustvalged fotod.

Mesepak, V. Väike asfaldiraamat. I, Asfaltsegud. Tallinn : Eesti Asfaldiliit, 2008. 52 lk.

Onton, H. Investigation of the causes of deterioration of old reinforced concrete constructions and possibilities of their restoration. Tallinn : TUT Press, 2008. 144 p. (Theses of Tallinn University of Technology. F, Thesis on civil engineering ; 20).

Otsmaa, V. (koost.). Eurokoodeks 2 : betoonkonstruktsioonide projekteerimine. Osa 2, Betoonsillad. Arvutus- ja konstrueerimisreeglid : Eesti standardi rahvuslik lisa. [Tallinn] : Eesti Standardikeskus, 2008. 20 lk. (Eesti standard ; EVS-EN 1992-2/NA:2008).

Otsmaa, V. (tlk.). Eurokoodeks 2 : betoonkonstruktsioonide projekteerimine. Osa 2, Betoonsillad. Arvutus- ja konstrueerimisreeglid. [Tallinn] : Eesti Standardikeskus, 2008. II, 101 lk. (Eesti standard ; EVS-EN 1992-2:2005+NA:2008).

Pello, J. (tlk.). Eurokoodeks 2 : betoonkonstruktsioonide projekteerimine. Osa 1-2, Üldreeglid. Tulepüsimine. [Tallinn] : Eesti Standardikeskus, 2008. II, 107 lk. (Eesti standard ; EVS-EN 1992-1-2:2005).

Raia, T., Iital, A. jt. Nõukogu direktiivi 91/676/EMÜ, veekogude kaitsmise kohta põllumajandusest lähtuva nitraadireostuse eest, täitmine Eestis 2004–2007. Tallinn : Keskkonnaministerium, 2008. 56 lk.

Reihan, A. Analysis of long-term river runoff trends and climate change impact on water resources in Estonia. Tallinn : TUT Press, 2008. 147 p. (Theses of Tallinn University of Technology. F, Thesis on civil engineering ; 14).

Tiimus, P., Mikli, L. jt. (koost.). Loomulik valgustus elu- ja bürooruumides. [Tallinn] : Eesti Standardikeskus, 2008. 41 lk. (Eesti standard ; EVS 894:2008).

Tolli, A. Hiina konteinerveod läbi Eesti Venemaale ja Hiinasse tagasisaadetavate tühjade konteinerite arvu vähendamise võimalused. Tallinn : TTÜ kirjastus, 2008. 126 lk. (Theses of Tallinn University of Technology. F, Thesis on civil engineering ; 19).

Toode, A. DHW consumption, consumption profiles and their influence on dimensioning of a district heating network. Tallinn : TUT Press, 2008. 125 p. (Theses of Tallinn University of Technology. F, Thesis on civil engineering ; 17).

Tärno, Ü. YLOTAR : a universal computing method for translator shells. Tallinn : Tallinn University of Technology Press, 2008. 36 p.

Valdmann, A. On the coastal zone management of the City of Tallinn under natural and anthropogenic pressure. Tallinn : TUT Press, 2008. 207 p. (Theses of Tallinn University of Technology. F, Thesis on civil engineering ; 15).

Villemi, M. Logistika alused. 2., täiend. ja parand. tr. [Tallinn] : TTÜ kirjastus, 2008. 292 lk.

Voltri, V. (koost.). Eurokoodeks 6 : kivikonstruktsioonide projekteerimine. Osa 1-2, Üldreegliid. Tulepüvisusarvutus. Eesti standardi rahvuslik lisa. [Tallinn] : Eesti Standardikeskus, 2008. 29, [1] lk. (Eesti standard ; EVS-EN 1996-1-2/NA:2008).

Artiklid

Aavik, A., Talvik, O. Use of falling weight deflectometer (FWD) measurement data for pavement structural evaluation and repair design // The 7th International Conference Environmental Engineering : May 22–23, 2008, Vilnius, Lithuania : selected papers. Volume III. Vilnius : Technika, 2008. p. 1101-1107.

Aavik, A. The 90th anniversary celebrations of Tallinn University of Technology // The Baltic journal of road and bridge engineering. 3 (2008) 4, p. 1-2.

Anissimov, A., Kala, V. Refraktsiooni mõju trigonomeetrilisel nivelleerimisel keskmise pikkusega madalate vaatekiirtega // Geodeet. 36(60) (2008) lk. 35-37.

Baillard, A., Chiumia, J., Decultot, D., Maze, G., Klauson, A., Metsaveer, J. Surface wave conversion analysis on a lengthwise soldered circular cylindrical shell // Journal of Acoustical Society of America. 124 (2008) 4, p. 2061-2067.

* Davies, P.A., Cuthbertson, A.J.S., Laanearu, J. Mixing associated with density-driven exchange flow over estuarine barriers // Mixing of coastal, estuarine and riverin shallow flows. [S.I.] : European Mechanics Society, 2008. p. 31-32.

Deelstra, J., Eggestad, H.O., Iital, A., Jansons, V. Hydrological processes in small agricultural catchments // Proceedings of the 10th International Drainage Workshop of ICID Working Group on Drainage : Helsinki/Tallinn 6–11. July 2008. Espoo, 2008. p. 314-333. (Helsinki University of Technology Water Resources Publications ; 16).

Deelstra, J., Iital, A. The use of the flashiness index as a possible indicator for nutrient loss prediction in agricultural catchments // Boreal environment research. 13 (2008) 3, p. 209-221.

Didenkulova, I., Pelinovsky, E., Soomere, T. Exact travelling wave solutions in strongly inhomogeneous media // Estonian journal of engineering. 14 (2008) 3, p. 220-231.

Dorohov, O.V., Antov, D. Vikoristannja mobil'nogo zv'jazky dlja pokraščennja transportnogo obslugovuvannja // Vestnik Nacional'nogo tehničeskogo universiteta "HPI". 26 (2008) lk. 166-169.

Ellmann, A., Jürgenson, H. Evaluation of a grace-based combined geopotential model over the Baltic countries // Geodezija ir kartografija. 34 (2008) 2, p. 35-44.

Ellmann, A., Oja, T. Gravimeetriliste andmete kasutamine tavageodeesias // Geodeet. 36(60) (2008) lk. 5-11.

Ellmann, A., Pihlak, P., Kollo, K. Kõrgtäpsed GPS-mõõtmised riigi geodeetilise põhivõrgu aluspunktidel 2008. aasta suvel // Geodeet. 37(61) (2008) lk. 7-12.

Ellmann, A. Balti riikide ja Šveitsi geodeesiakonverents Tallinnas // Geodeet. 37(61) (2008) lk. 65-66.

Ellmann, A. Eesti geodeetide panus Rahvusvahelise Geodeesia Assotsiatsiooni (IAG) 2007. a tegemistesse // Geodeet. 36(60) (2008) lk. 3-4.

Engelbrecht, J. New face of the Proceedings of the Estonian Academy of Sciences // Proceedings of the Estonian Academy of Sciences. 57 (2008) 1, p. 1.

Engelbrecht, J., Herrmann, H., Van, P. Preface // Proceedings of the Estonian Academy of Sciences. 57 (2008) 3, p. 117.

Engelbrecht, J. Akadeemia 1994–2004 ja edasi // Eesti Teaduste Akadeemia : aastatest akadeemias. Tallinn : Eesti Teaduste Akadeemia, 2008. lk. 32-55.

Engelbrecht, J. Akadeemiad ajas ja ruumis // Akadeemia (2008) 10, lk. 2116-2130.

Engelbrecht, J. From the Editor // Estonian journal of engineering. 14 (2008) 1, p. 2.

Ennet, P., Pachel, K., Viies, V., Jürimägi, L., Elken, R. Estimating water quality in river basins using linked models and databases // Estonian journal of ecology. 57 (2008) 2, p. 83-99.

* Fletcher, S., Ratassepp, M., Lowe, M., Brett, C., Trelawny, J. Reflection of the fundamental torsional guided wave mode from axially aligned defects in pipes // Anglo-French Physical Acoustics Conference abstracts : Arcachon, France, 8–10 December 2008, p. 8.

Hani, A., Kõiv, T. Energy audit of residential buildings // Heating and ventilation in industry and agriculture. Vol. 2. Tschola, 2008. p. 41-47.

* Healy, T., Soomere, T. Managed retreat – is it really an option for mitigation of chronic erosion and storm surge flooding // Solutions to coastal disasters 2008 : Tsunamis. [S.I.] : Americal Society of Civil Engineers, 2008. p. 456-462.

Hääl, M.-L., Sürje, P., Rõuk, H. Traffic as a source of pollution // Estonian journal of engineering. 14 (2008) 1, p. 65-82.

Idnurm, S., Kulbach, V. Inovative steel bridges in Estonia // Eurosteel 2008 : 5th European Conference on Steel and Composite Structures : 3rd to 5th September 2008 in Graz, Austria. Volume B. Brussels : ECCS European Convention for Constructional Steelwork, 2008. p. 1725-1731.

lital, A., Pachel, K., Deelstra, J. Monitoring of diffuse pollution from agriculture to support implementation of the WFD and the Nitrate Directive in Estonia // Environmental science & policy. 11 (2008) p. 185-193.

lital, A., Vilt, K., Loigu, E., Kurba, J. Spatial conflict resolution and coastal zone management for Haapsalu Bay // Conflict resolution in coastal zone management. Frankfurt am Main : Peter Lang, 2008. p. 127-143. (Environmental education, communication and sustainability ; Vol. 28).

* Jokisalo, J., Kalamees, T., Kurnitski, J., Eskola, L., Jokiranta, K. A comparison of measured and simulated air pressure conditions of a detached house in a cold climate [Electronic resource] // Building Enclosure Science & Technology : BEST 1 Conference : Minneapolis, USA, 10–12.06.2008. [CD-ROM].

Jokisalo, J., Kalamees, T., Kurnitski, J., Eskola, L., Jokiranta, K., Vinha, J. A comparison of measured and simulated air pressure conditions of a detached house in a cold climate // Journal of building physics. 32 (2008) 1, p. 67-89.

* Jokisalo, J., Kurnitski, J., Kalamees, T., Eskola, L., Jokiranta, K., Korpi, M., Vinha, J. Pientalojen vuotoilmanvaihtuvuuden arviointimenetelmä Suomen olosuhteisiin // Sisäilmastoseminaari 2008 : 05.03.2008. Espoo : Finnish Society of Indoor Air Quality and Climate, 2008. s. 165-170. (Report / Finnish Society of Indoor Air Quality and Climate ; 26).

Jürgenson, H., Liibus, A., Ellmann, A. Geoid profiles in the Baltic Sea determined using GPS and sea level surface // Geodezija ir kartografija. 34 (2008) 4, p. 109-115.

Kala, V. Mõnedest väljamärgimise ja teostusmöödistamise täpsuse probleemidest // Geodeet. 37(61) (2008) lk. 23-26.

* Kalamees, T., Korpi, M., Eskola, L., Kurnitski, J., Vinha, J. The distribution of the air leakage places and thermal bridges in Finnish detached houses and apartment buildings // Proceedings of the 8th Symposium on Building Physics in the Nordic Countries : Copenhagen, Denmark, June 16–18, 2008. 3. Lyngby : Technical University of Denmark, 2008. p. 1095-1102. (Report / Department of Civil Engineering, Technical University of Denmark ; R-189).

* Kalamees, T., Kurnitski, J., Keto, M., Eskola, E., Jokisalo, J., Korpi, M., Vinha, J. Indoor temperature and humidity conditions in Finnish dwellings [Electronic resource] // Indoor Air 2008 : The 11th International Conference on Indoor Air Quality and Climate : 17–22.08.2008, Copenhagen, Denmark. Copenhagen, 2008. [8] p. [CD-ROM].

* Kalamees, T., Kurnitski, J. Moisture convection performance of wall and attic floor joint // Proceedings of the 8th Symposium on Building Physics in the Nordic Countries : Copenhagen, Denmark, June 16–18, 2008. 2. Lyngby : Technical University of Denmark, 2008. p. 777-784. (Report / Department of Civil Engineering, Technical University of Denmark ; R-189).

* Kalamees, T., Sasi, L., Õiger, K. Indoor climate and hygrothermal loads in Estonian dwellings // Final report of the IEA Annex 41 Whole Building Heat Air and Moisture Response – Subtask 3 : Boundary Conditions and Whole Building HAM Analysis. [S.l.] : IEA Exco ECBCS, 2008. p. 157-174.

* Kalamees, T., Sasi, L. Indoor climate in Church of the Holy Spirit, Tallinn [Electronic resource] // Indoor Air 2008 : The 11th International Conference on Indoor Air Quality and Climate : 17–22.08.2008, Copenhagen, Denmark. Copenhagen, 2008. [8] p. [CD-ROM].

* Kalamees, T., Vinha, J., Korpi, M., Kurnitski, J. Indoor climate conditions and hygrothermal loads in Finnish and Estonian dwellings // Proceedings of the IEA ECBCS Annex 41 Closing Seminar : Copenhagen, Denmark, June 19, 2008. Copenhagen, 2008. p. 81-92.

* Kalamees, T., Vinha, J. Large scale indoor climate study in 101 dwellings // Final report of the IEA Annex 41 Whole Building Heat Air and Moisture Response – Subtask 4 : applications – indoor climate, energy, durability. [S.l.] : IEA Exco ECBCS, 2008. p. 107-111.

Kalamees, T. Ehitusfüüsikute kohtumine Floridas // Tallinna Tehnikaülikooli aastaraamat 2007. Tallinn : TTÜ kirjastus, c2008. lk. 371-373.

Kalamees, T. Märjad ja niisked ruumid puitelamus // Puuinfo (2008) 2, lk. 39-42.

* Kask, A., Erm, A., Alari, V. Approximation of fine sediments transport. General contributions to sedimentology [Electronic resource] // International Geological Congress : Oslo, Norway, 6–14 August 2008 : abstract CD-ROM. Oslo, 2008. [CD-ROM].

* Kask, A., Kask, J., Kornejev, V., Okuntsov, E. Sedimentation conditions of marine Prangli and Naissaar sand deposits, the Estonian coastal sea // Baltica. 21 (2008) 1/2, p. 79-84.

Kelpšaitė, L., Herrmann, H., Soomere, T. Wave regime differences along the eastern coast of the Baltic Proper // Proceedings of the Estonian Academy of Sciences. 57 (2008) 4, p. 225-231.

Kluge, A., Rõivas, T., Antov, D., Oja, T., Mander, Ü. Urban movement patterns related to shopping centres – the example of Lõunakeskus in Tartu, Estonia // The sustainable city V : Urban regeneration and sustainability. Southampton : WIT Press, c2008. p. 475-484. (WIT transactions on ecology and the environment ; 117).

Koppel, O. Impact of Russian hidden economic sanctions on Estonian Railway transport // Eesti majanduspoliitilised väitlused. XVI. Tallinn : Mattimar, 2008. p. 26-30. CD-ROMil artikkel eesti k.

* Koppel, T., Vassiljev, A., Lukjanov, D., Annus, I. Use of pressure dynamics for calibration of water distribution system and leakage detection // Proceedings of WDSA 2008 : Water Distribution Systems Analysis : 17–20 August 2008, South Africa. Johannesburg : University of Johannesburg, 2008. p. 704-715.

* Koppel, T., Vassiljev, A. Calibration of the model of an operational water distribution system // World Water Congress : Vienna, Austria, 7–12 September 2008, [8] p.

* Koppel, T., Vassiljev, A. Opređenje šerohovatosti trub dlja modeli seti vodosnabženija // International Trade Fair and Congress. Moscow, 2008. [1] p.

* Korpi, M., Kalamees, T., Vinha, J., Kurnitski, J. The influence of exterior walls on the level and stability of indoor relative humidity and temperature in detached houses // Proceedings of the 8th Symposium on Building Physics in the Nordic Countries : Copenhagen, Denmark, June 16–18, 2008. 3. Lyngby : Technical University of Denmark, 2008. p. 1413-1420. (Report / Department of Civil Engineering, Technical University of Denmark ; R-189).

Kulbach, V. Ehitusinsener Valdek Kulbachi meenutusi noorpõlvest // Kuni sõda kõik purustas... : töökooliaastad Narvas 1919–1944. Narva, 2008. lk. 79-84.

Kulbach, V. Kaabelkonstruktsioonidest : [ettekanne monograafia esitlusel] // Tallinna Tehnikaülikooli aastaraamat 2007. Tallinn : TTÜ kirjastus, c2008. lk. 374-382.

Kulbach, V. Teaduspreemia pikaajalise tulemusliku teadus- ja arendustöö eest : Valdek Kulbach // Eesti Vabariigi teaduspreemiad 2008. Tallinn, 2008. lk. 8-24.

Kõiv, T.-A. Aeratsioon ; Ahi // TEA entsüklopeedia. 1.kõide, a-Alžeeria. Tallinn : TEA Kirjastus, 2008. lk. 181, 219.

Kõiv, T.-A. Ehitusteaduskond // Leiutajaid ja leiutisi Tallinna Tehnikaülikoolis 1922–2007. Tallinn : TTÜ kirjastus, 2008. lk. 13-18.

Kõiv, T.-A. Indoor climate and ventilation performance on top floors of typical old-type apartment buildings // Estonian journal of engineering. 14 (2008) 1, p. 17-28.

* Laanearu, J., Davies, P.A. Parameterization of moderate net exchange-flow solutions for quadratic horizontal channels // Mixing of coastal, estuarine and riverin shallow flows. [S.l.] : European Mechanics Society, 2008. p. 69-70.

Laur, T. Põlevkivi aherainest killustiku kasutamine betoonitööstuses on tõsiselt piiratud // Ehitaja (2008) 3, lk. 68-71.

Liias, R., Vain, V. Harri Korrovits : 16.06.1918 – 15.07.2007 : [in memoriam] // Tallinna Tehnikaülikooli aastaraamat 2007. Tallinn : TTÜ kirjastus, c2008. lk. 428-430.

Liiv, T., Lagemaa, P. The variation of the velocity and turbulent kinetic energy field in the wave in the vicinity of the breaking point // Estonian journal of engineering. 14 (2008) 1, p. 42-64.

Lill, I., Witt, E. The effect of language of instruction on course results for civil engineering students in Estonia // CIB International Conference on Building Education and Research :

Building Resilience : Heritance Kandalama, Sri Lanka, 11th –15th February 2008 : book of executive summaries. [Salford], 2008. p. 52-53.

* Lill, I., Witt, E. The effect of language of instructions on course results for civil engineering students in Estonia // CIB International Conference on Building Education and Research : Building Resilience : conference proceedings. [S.l.] : CIB International Council for Research and Innovation in Building and Construction, 2008. p. 287-299.

Lill, I. Sustainable management of construction labour // The 25th International Symposium on Automation and Robotics in Construction : ISARC-2008 : June 26–29, 2008, Vilnius, Lithuania : selected papers. Vilnius : Technika, 2008. p. 864-875.

Orru, H., Kaasik, M., Antov, D., Forsberg, B. Evolution of traffic flows and traffic-induced air pollution due to structural changes and development during 1993–2006 in Tartu (Estonia) // The Baltic journal of road and bridge engineering. 3 (2008) 4, p. 206-216.

* Orru, H., Kaasik, M., Antov, D., Forsberg, B. Change of traffic amount and air pollution as potential negative health factors after re-independence and in rapid economic growth period in Tartu // Second European Road Transport Arena TRA 2008 : Ljubljana, Slovenia, 21–24 April 2008, p. 315.

Parnell, K., Delpeche, N., Didenkulova, I., Dolphin, T., Erm, A., Kask, A., Kelpšaitė, L., Kurennoy, D., Quak, E., Räämet, A., Soomere, T., Terentjeva, A., Torsvik, T., Zaitseva-Pärnaste, I. Far-field vessel wakes in Tallinn Bay // Estonian journal of engineering. 14 (2008) 4, p. 273-302.

Pedusaar, T., Sammalkorpi, I., Hautala, A., Järvalt, A. Biomanipulating the drinking water reservoir of Estonia's capital city : prospects for success // Lakes and reservoirs : research and management. 13 (2008) 4, p. 289-300.

Peetrimägi, L., Aus, I. Co-operation between owner, real estate developer and building company in cost planning process // The 9th International conference Modern Building Materials, Structures and Techniques : May 16–18, 2007, Vilnius, Lithuania : selected papers. Vol. I. Vilnius : Technika, 2007. p. 343-347.

Pärnapuu, M. Professor Harald-Adam Velner 85 // Keskkonnatehnika (2008) 8, lk. 6-7.

Pärnapuu, M. Vesiveskid meie kultuuris ja tehnikas // Tallinna Tehnikaülikooli aastaraamat 2007. Tallinn : TTÜ kirjastus, c2008. lk. 386-388.

Randlepp, A. TTÜ teedeinstituut 50, ehitusgeodeesia eriala 10, geodeesiaõpe 72 // Geodeet. 36(60) (2008) lk. 66-67.

Ratassepp, M., Klauson, A., Chati, F., Leon, F., Maze, G. Edge resonance in semi-infinite thick pipe : theoretical predictions and measurements // Journal of Acoustical Society of America. 124 (2008) 2, p. 875-885.

Ratassepp, M., Lowe, M.J.S., Cawley, P., Klauson, A. Scattering of the fundamental shear horizontal mode in a plate when incident at a through-crack aligned in the propagation direction of the mode // Journal of Acoustical Society of America. 124 (2008) 5, p. 2873-2882.

Reihan, A., Iital, A. Eesti jõgede vooluhulga mõõtmise on lihtsamaks muutunud // Keskkonnatehnika (2008) 1, lk. 6-7.

Reinart, A., Pedusaar, T. Reconstruction of the time series of the underwater light climate in a shallow turbid lake // Aquatic ecology. 42 (2008) 1, p. 5-15.

* Räämet, A. On the variability of the Baltic Sea wave fields // Biodiversity and Functioning of Aquatic Ecosystems in the Baltic Sea Region : Klaipeda, Lithuania 9–12 October 2008.

Saks, V., Engelbrecht, J., Seppet, E., Vendelin, M. Teaduspreemia geo- ja bioteaduste alal tööde tsükli "Molekulaarne süsteemne bioenergeetika" eest // Eesti Vabariigi teaduspreemiad 2008. Tallinn, 2008. lk. 110-123.

Salupere, A., Ilison, L., Tamm, K. On numerical simulation of propagation of solitons in microstructured media // Applications of Mathematics in Engineering and Economics '34 : proceedings. Melville : American Institute of Physics, 2008. p. 155-165. (AIP conference proceedings ; 1067).

Salupere, A., Tamm, K., Engelbrecht, J. Numerical simulation of interaction of solitary deformation waves in microstructured solids // International journal of non-linear mechanics. 43 (2008) 3, p. 201-208.

Soekov, E., Lill, I. Construction versus environment : their reciprocal impact during different stages of construction and maintenance // CIB International Conference on Building Education and Research : Building Resilience : Heritage Kandalama, Sri Lanka, 11th –15th February 2008 : book of executive summaries. [Salford], 2008. p. 242-243.

* Soekov, E., Lill, I. Construction versus environment : their reciprocal impact during different stages of construction and maintenance // CIB International Conference on Building Education and Research : Building Resilience : conference proceedings. [S.l.] : CIB International Council for Research and Innovation in Building and Construction, 2008. p. 1322-1334.

Sokk, O., Kuusik, R., Loigu, E. Excess sludge anaerobic treatment linked together with production of suspension fertilizers // Libro de resúmenes : IX Taller y Simposio Latinoamericano de Digestión Anaerobia : Isla de Pascua, Chile, 19–23 Octubre 2008. [S.l.], 2008. p. 78.

Sokk, O., Kuusik, R., Loigu, E. Excess sludge anaerobic treatment linked together with production of suspension fertilizers // Memorias : IX Taller y Simposio Latinoamericano de Digestión Anaerobia : Isla de Pascua, Chile, 19-23 Octubre 2008. [S.l., 2008]. p. 396-400.

* Soomere, T., Healy, T. Extreme wave and water level conditions in the Baltic Sea in January 2005 and their reflection in teaching of coastal engineering // Building Resilience : CIB W89 International Conference on Building Education and Research [BEAR 2008] : book of executive summaries. Salford : The University of Salford, 2008. p. 254-255.

* Soomere, T., Healy, T. Extreme wave and water level conditions in the Baltic Sea in January 2005 and their reflection in teaching of coastal engineering // Building Resilience : CIB W89 International Conference on Building Education and Research [BEAR 2008] : conference proceedings. Salford : The University of Salford, 2008. p. 1397-1407.

Soomere, T., Keevallik, S. Preface // Estonian journal of engineering. 14 (2008) 3, p. 193-194.

Soomere, T., Veskimäe, R. Mees nagu mitme tundmatuga võrrand : [intervjuu T.Soomerega] // Horisont (2008) 2, lk. 16-22.

Soomere, T. Kiirlaevalainete uuringud võtmena mõrvarlainete ja tsunamide maailma // Tallinna Tehnikaülikooli aastaraamat 2007. Tallinn : TTÜ kirjastus, c2008. lk. 84-92.

Soomere, T. Solitonide kohtumine – õrn embus või vihane võitlus? // Akadeemia (2008) 10, lk. 2287-2315.

Sutt, J. Energiat on soodsam säästa kui toota // Tallinna Tehnikaülikooli aastaraamat 2007. Tallinn : TTÜ kirjastus, c2008. lk. 350-351.

Zavadskas, E.K., Liias, R., Turskis, Z. Multi-attribute decision-making methods for assessment of quality in bridges and road construction : state-of-the-art surveys // The Baltic journal of road and bridge engineering. 3 (2008) 3, p. 152-160.

Zub, S., Kurissoo, T., Menert, A., Blonskaja, V. Combined biological treatment of high-sulphate wastewater from yeast production // Water and environment journal. 22 (2008) 4, p. 274-286.

Toode, A., Kõiv, T.-A., Hani, A. Domestic hot water consumption, consumption profiles for schools, children's institutions and office buildings // Heating and ventilation in industry and agriculture. Vol. 2. Tüchola, 2008. p. 187-196.

Torsvik, T., Soomere, T. Simulation of patterns of wakes from high-speed ferries in Tallinn Bay // Estonian journal of engineering. 14 (2008) 3, p. 232-254.

Vajda, P., Ellmann, A., Meurers, B., Vanicek, P., Novak, P., Tenzer, R. Gravity disturbances in regions of negative heights : a reference quasi-ellipsoid approach // Studia geophysica et geodaetica. 52 (2008) 1, p. 35-52.

Vajda, P., Ellmann, A., Meurers, B., Vanicek, P., Novak, P., Tenzer, R. Global ellipsoid-referenced topographic, bathymetric and stripping corrections to gravity disturbance // Studia geophysica et geodaetica. 52 (2008) 1, p. 19-34.

Vassiljev, A., Blinova, I., Ennet, P. Source apportionment of nutrients in Estonian rivers // Desalination. 226 (2008) p. 222-230.

* Vassiljev, A., Blinova, I., Ennet, P., Ilomets, M. Investigation of effluence from drained peatlands on diffuse nutrient load from watershed // 12th International Conference on Integrated Diffuse Pollution Management (IWA DIPCON 2008) : Thailand, 25–29 August 2008, [6] p.

* Vinha, J., Korpi, M., Kalamees, T., Eskola, L., Palonen, J., Kurnitski, J., Valovirta, I., Mikkilä, A., Jokisalo, J. A research project on the temperature and humidity conditions, ventilation and airtightness of Finnish detached houses // Final report of the IEA Annex 41 Whole Building Heat Air and Moisture Response – Subtask 3 : Boundary Conditions and Whole Building HAM Analysis. [S.l.] : IEA Exco ECBCS, 2008. p. 157-174.

Õiger, K. Nado zatrebovat' vsju proektnuju dokumentaciju // Moj dom. 4. [Tallinn] : Äripäev, 2008. lk. 15.

Õiger, K. Steklovata podhodit vsjudu // Moj dom. 4. [Tallinn] : Äripäev, 2008. lk. 61.

ENERGEETIKATEADUSKOND

Raamatud

Armas, J. Quality criterion of road lighting measurement and exploring. Tallinn : TUT Press, 2008. 95 p. (Theses of Tallinn University of Technology. D, Thesis on power engineering, electrical engineering, mining engineering ; 31).

Boiko, V. Development and research of the traction asynchronous multimotor drive. Tallinn : TUT Press, 2008. 115 p. (Theses of Tallinn University of Technology. D, Thesis on power engineering, electrical engineering, mining engineering ; 29).

Jalakas, T., Jansikene, R. Elektroonika ja jõupooljuhttehnika : laboratoorsete tööde juhendid. Tallinn : TTÜ kirjastus, 2008. 22 lk.

Jalakas, T., Jansikene, R. Jõuelektroonika : laboratoorsete tööde juhendid. Tallinn : TTÜ kirjastus, 2008. 32 lk.

Jalakas, T., Vodovozov, V., Vinnikov, D. Power electronics : laboratory works. Tallinn : TUT Press, 2008. 32 p.

Jalakas, T., Vodovozov, V., Vinnikov, D. Electronics and semiconductor engineering : laboratory works. Tallinn : TUT Press, 2008. 22 p.

Jalakas, T., Vodovozov, V., Vinnikov, D. Advanced course of power electronics : laboratory works. Tallinn : TUT Press, 2008. 30 p.

Jalakas, T. Jõuelektronika erikursus : laboratoorse tööde juhendid. Tallinn : TTÜ kirjastus, 2008. 29 lk.

Juske, A., Raesaar, P. Tuulikud läbi aegade. Tallinn, 2008. 233 lk.

Kilk, A. Paljupooluseline püsimagnetitega sünkroongeneraator tuuleagregaatidele. Tallinn : TTÜ kirjastus, 2008. 164 lk. (Theses of Tallinn University of Technology. D, Thesis on power engineering, electrical engineering, mining engineering ; 35).

Kroon, K. (tlk.) ; (koost.) Jansikene, R. Madalpingelised aparaadikoosted. Osa 2, Erinõuded lattiinidele. [Tallinn] : Eesti Standardikeskus, 2008. II, 34 lk. (Eesti standard ; EVS-EN 60439-2:2001+A1:2005).

Kroon, K. (tlk.) ; (koost.) Jansikene, R. Madalpingelised aparaadikoosted. Osa 4, Erinõuded ehituspaikade koostele. [Tallinn] : Eesti Standardikeskus, 2008. II, 21 lk. (Eesti standard ; EVS-EN 60439-4:2005).

Kroon, K. (tlk.) ; (koost.) Jansikene, R. Madalpingelised aparaadikoosted. Osa 5, Erinõuded avalike elektrivõrkude elektrijaotuskoostetele. [Tallinn] : Eesti Standardikeskus, 2008. II, 29 lk. (Eesti standard ; EVS-EN 60439-5:2006).

Lahtmets, R. (ed.). 5th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology : Kuressaare, January 14–19, 2008. [Tallinn] : Department of Electrical Drives and Power Electronics, 2008. 228 p.

Landsberg, M. Long-term capacity planning and feasibility of nuclear power in Estonia under uncertain conditions. Tallinn : TUT Press, 2008. 200 p. (Theses of Tallinn University of Technology. D, Thesis on power engineering, electrical engineering, mining engineering ; 33).

Laugis, J., Lehtla, T., Joller, J., Rosin, A., Vinnikov, D., Lehtla, M. Kergrööbassöidukite ajamid ja juhtimine. Tallinn : TTÜ kirjastus, 2008. 200 lk.

Laugis, J., Lehtla, T., Joller, J., Rosin, A., Vinnikov, D., Lehtla, M. Traction and control of light rail vehicles. Tallinn : TUT Press, 2008. 220 p.

Lehtla, T. Robotitehnika. Tallinn : TTÜ kirjastus, 2008. 201 lk.

Meldorf, M. Electrical network load monitoring. Tallinn : TUT Press, 2008. 144 p.

Metusala, T. (koost.). Piksekaitse. Osa 2, Riskianalüüs. [Tallinn] : Eesti Standardikeskus, 2008. II, 126 lk. (Eesti standard ; EVS-EN 62305-2:2006).

Metusala, T. (tlk.). Kõrgepinge katsetehnika. Osa 3, Määratlused ja nõuded välikatsetele. [Tallinn] : Eesti Standardikeskus, 2008. II, 39 lk. (Eesti standard ; EVS-HD 60060-3:2006).

Metusala, T., Tiigimägi, E. (koost.). Tallinna Tehnikaülikool. Elektroenergeetika instituut 1918–2008. [Tallinn] : TTÜ kirjastus, 2008. 234 lk.

Raesaar, P., Metusala, T. (tlk.). Elektriõhuliinid vahelduvpingega üle 1 kV kuni 45 kV. Osa 1, Üldnõuded - ühised eeskirjad. [Tallinn] : Eesti Standardikeskus, 2008. II, 30 lk. (Eesti standard ; EVS-EN 50423-1:2005).

Reinsalu, E., Kolats, M., Grossfeldt, G., Väizene, V., Önnis, A., Karu, V., Valgma, I., Anepaio, A., Västrik, A. Mäendusõpik [Võrguteavik] : veebiõpik kaevandamisest, rakendusgeoloogiast ja geotehnoloogiast. [Tallinn : TTÜ mäeinstituut, 2008]. 600 p.

Risthein, E. (tlk.). Elektrotehnikas kasutatavad tähised. Osa 2, Telekommunikatsioon ja elektroonika. [Tallinn] : Eesti Standardikeskus, 2008. II, 81 lk. (Eesti standard ; EVS-EN 60027-2:2007).

Risthein, E. (tlk.). Elektrotehnikas kasutatavad tähised. Osa 3, Logaritmilised ja logaritmilistega seotud suurused ja nende ühikud. [Tallinn] : Eesti Standardikeskus, 2008. II, 18, [2] lk. (Eesti standard ; EVS-EN 60027-3:2007).

Risthein, E. (tlk.). Elektrotehnikas kasutatavad tähised. Osa 4, Pöörlevad elektrimasinad. [Tallinn] : Eesti Standardikeskus, 2008. II, 26, [2] lk. (Eesti standard ; EVS-EN 60027-4:2007).

Risthein, E. (tlk.). Elektrotehnikas kasutatavad tähised. Osa 6, Juhtimis- ja reguleerimistehnika. [Tallinn] : Eesti Standardikeskus, 2008. II, 17 lk. (Eesti standard ; EVS-EN 60027-6:2007).

Risthein, E. (tlk.). Töökohavalgustus. Osa 2, Välistöökohad. [Tallinn] : Eesti Standardikeskus, 2008. II, 29 lk. (Eesti standard ; EVS-EN 12464-2:2007).

Risthein, E. Vvedenie v ènergotehniku. Tallinn : TTÜ kirjastus, 2008. 327, [1] lk.

Ruban, O. Analysis and development of the PLC control system with the distributed I/Os. Tallinn : TUT Press, 2008. 130 p. (Theses of Tallinn University of Technology. D, Thesis on power engineering, electrical engineering, mining engineering ; 36).

Rööp, A. (koost.). Elektriajamite ja jõuelektroonika instituudi aastaraamat 2007 = Annual report 2007 : Department of Electrical Drives and Power Electronics. Tallinn, 2008. 64, [1] lk.

Sabanov, S. Risk assessment methods in Estonian oil shale mining industry. Tallinn : TUT Press, 2008. 144 p. (Theses of Tallinn University of Technology. D, Thesis on power engineering, electrical engineering, mining engineering ; 28).

Tammemäe, O. Basics for geotechnical engineering explorations considering needed legal changes. Tallinn : TUT Press, 2008. 108 p. (Theses of Tallinn University of Technology. D, Thesis on power engineering, electrical engineering, mining engineering ; 32).

Tammeoja, T. Economic model oil shale flows and cost. Tallinn : TUT Press, 2008. 86 p. (Theses of Tallinn University of Technology. D, Thesis on power engineering, electrical engineering, mining engineering ; 30).

Tammoja, H., Möller, K. (comps.). Department of Electrical Power Engineering : annual report 2006. Tallinn, 2007. 50, [1] p.

Tammoja, H., Möller, K. (koost.). Elektroenergeetika instituut aastal 2006 : instituudi tegevuse lühiaruanne. Tallinn, 2007. 41, [1] lk.

Teemets, R. (koost.). Madalpingeliste aparaadikoostete tühjad ümbrised : üldnõuded. [Tallinn] : Eesti Standardikeskus, 2008. 22 lk. (Eesti standard ; EVS-EN 62208:2004).

Torn, H. Engineering-geological modelling of the Sillamäe radioactive tailings pond area. Tallinn : TUT Press, 2008. 98 p. (Theses of Tallinn University of Technology. D, Thesis on power engineering, electrical engineering, mining engineering ; 34).

Valdma, M., Tammoja, H., Keel, M. Soojuselektrijaamade talitluse optimeerimine. Tallinn : TTÜ kirjastus, 2008. 187 lk.

Valgma, I., Önnis, A.-Õ. (koost.). Killustiku kaevandamine ja kasutamine : [artiklite kogumik]. Tallinn : TTÜ kirjastus, 2008. 103 lk. + 1 CD.

Valgma, I. (koost.). Maavarade kaevandamise ja kasutamise protsessid [Elektroniline teavik]. Tallinn : TTÜ mäeinstituut, 2008. 1 CD-ROM.

Vodovozov, V., Jansikene, R. Elektroonika ja jõupooljuhttehnika. Tallinn : TTÜ kirjastus, 2008. 139 lk.

Vodovozov, V., Jansikene, R. Jõuelektronika. Tallinn : TTÜ kirjastus, 2008. 117 lk.

Vodovozov, V., Vinnikov, D., Jansikene, R. Elektriagamite elektroonsed süsteemid. Tallinn : TTÜ kirjastus, 2008. 240 lk.

Vodovozov, V., Vinnikov, D. Electronic systems of motor drive. Tallinn : TUT Press, 2008. 248 p.

Artiklid

Agabus, H., Tammoja, H., Palu, I. Hiiumaa large-scale offshore wind park integration into Estonian grid // Proceedings [of] 7th International Workshop on Large-Scale Integration of

Wind Power into Power Systems as well as on Transmission Networks for Offshore Wind Farms : 26–27 May, 2008, Madrid, Spain. [S.l., 2008]. p. 498-501.

Agabus, H. Wind power production estimation through short-term forecasting // 5th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology : Kuressaare, January 14–19, 2008. [Tallinn] : Department of Electrical Drives and Power Electronics, 2008. p. 119-123.

Armas, J., Laugis, J. Quality in artificial lighting, good lighting for safety on roads // 5th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology : Kuressaare, January 14–19, 2008. [Tallinn] : Department of Electrical Drives and Power Electronics, 2008. p. 32-38.

Boiko, V. Mitme asünkroonmootoriga veojami uurimine ja arendamine // Inseneeria (2008) 5, lk. 44-45.

Egorov, M., Vinnikov, D., Vodovozov, V. Feed drive of a lathe // 5th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology : Kuressaare, January 14–19, 2008. [Tallinn] : Department of Electrical Drives and Power Electronics, 2008. p. 163-169.

Einasto, R., Vende, E. Keskkonnakultuurist kultuurikeskkonnas // Killustiku kaevandamine ja kasutamine. Tallinn : TTÜ kirjastus, 2008. lk. 62-63.

Erg, K., Pastarus, J.-R. Hydrogeologic impacts in the Estonian oil shale deposit // Journal of mining, reclamation and environment. 22 (2008) 4, p. 300-310.

Grinko, A. The new approach in education for specialists of mechatronics // 5th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology : Kuressaare, January 14–19, 2008. [Tallinn] : Department of Electrical Drives and Power Electronics, 2008. p. 197-204.

Gulevitš, J. Täitematerjalide omaduste analüüs // Killustiku kaevandamine ja kasutamine. Tallinn : TTÜ kirjastus, 2008. lk. 21-25.

Hamburg, A. Mida kujutab endast Eesti Inseneride Liit? // Inseneeria (2008) 6, lk. 12-14.

Hõimoja, H., Möller, T., Rosin, A., Müür, M. Electrical drives remote laboratory at the TUT // 5th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology : Kuressaare, January 14–19, 2008. [Tallinn] : Department of Electrical Drives and Power Electronics, 2008. p. 177-182.

Hõimoja, H., Rosin, A., Möller, T., Müür, M. E-laboratory in the field of electrical drives [Electronic resource] // EPE-PEMC 2008 : 2008 13th International Power Electronics and Motion Control Conference : 1–3 September 2008, Poznan, Poland : proceedings. Poznan : PETiS Publishers, 2008. p. 2028-2033. [CD-ROM].

Hõimoja, H., Rosin, A., Möller, T., Müür, M. E-laboratory in the field of electrical drives // EPE-PEMC 2008 : 2008 13th International Power Electronics and Motion Control Conference : 1–3 September 2008, Poznan, Poland : abstracts. Poznan : PETiS Publishers, 2008. p. 77.

Hõimoja, H., Vinnikov, D., Rosin, A. Control basics of a flywheel-powered uninterruptible motor drive // BEC 2008 : 2008 International Biennial Baltic Electronics Conference : proceedings of the 11th Biennial Baltic Electronics Conference : October 6–8, 2008, Tallinn, Estonia. [Tallinn] : Tallinn University of Technology, 2008. p. 289-292.

Hõimoja, H. Hooratassalvestitest // Keskkonnatehnika (2008) 3, lk. 30-33.

Jalakas, T., Vinnikov, D., Laugis, J. Evaluation of different loss calculation methods for high-voltage IGBT-s under small load conditions [Electronic resource] // EPE-PEMC 2008 : 2008 13th International Power Electronics and Motion Control Conference : 1–3 September 2008, Poznan, Poland : proceedings. Poznan : PETiS Publishers, 2008. p. 1286-1290. [CD-ROM].

Jalakas, T., Vinnikov, D., Laugis, J. Evaluation of different loss calculation methods for high-voltage IGBT-s under small load conditions // EPE-PEMC 2008 : 2008 13th International Power Electronics and Motion Control Conference : 1–3 September 2008, Poznan, Poland : abstracts. Poznan : PETiS Publishers, 2008. p. 50.

Jalakas, T., Vinnikov, D., Laugis, J. Design and development challenges of power electronics converters for the rolling stock // Intelligent Technologies in Logistics and Mechatronics Systems : ITELMS'2008 : proceedings of the 3rd International Workshop : May 22–23, 2008, Panevėžys, Lithuania. Kaunas : Technologija, 2008. p. 17-22.

Jalakas, T., Vinnikov, D., Laugis, J. Light load operation of 6,5 kV 200 A IGBTs in half-bridge configuration [Electronic resource] // 19th International Symposium on Power Electronics, Electrical Drives, Automation and Motion : Speedam 2008 : Ischia (Italy), June 11th –13th, 2008 : conference proceedings. [S.l.], 2008. p. 1373-1378. [CD-ROM].

Jalakas, T., Vinnikov, D., Roasto, I., Raud, Z., Egorov, M. Versatile laboratory tools for advanced course of power electronics // BEC 2008 : 2008 International Biennial Baltic Electronics Conference : proceedings of the 11th Biennial Baltic Electronics Conference : October 6–8, 2008, Tallinn, Estonia. [Tallinn] : Tallinn University of Technology, 2008. p. 277-280.

Jalakas, T., Vinnikov, D., Vodovozov, V. Laboratory setup for teaching an advanced course of power electronics // 5th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology : Kuressaare, January 14–19, 2008. [Tallinn] : Department of Electrical Drives and Power Electronics, 2008. p. 149-154.

Janson, K., Bolgov, V., Kütt, L., Kallaste, A., Mölder, H. Passive shaping of line current waveform by converter with alternating of parallel and series resonance in AC-DC switch mode power supplies // ICECS 2008 : The 15th IEEE International Conference on Electronics,

Circuits and Systems : 31st August to 3rd September 2008, Malta : conference guide. [S.l., 2008]. p. 37.

Janson, K., Bolgov, V., Kütt, L., Kallaste, A., Mölder, H. Passive shaping of line current waveform by converter with alternating of parallel and series resonance in AC-DC switch mode power supplies [Electronic resource] // ICECS 2008 : The 15th IEEE International Conference on Electronics, Circuits and Systems : August 31 – September 3, 2008, Malta : [proceedings]. [S.l., 2008]. p. 77-80. [CD-ROM].

Janson, K., Bolgov, V., Kütt, L., Kallaste, A., Mölder, H. New practical approach to input current shaping in AC-DC power converters [Electronic resource] // EPE-PEMC 2008 : 2008 13th International Power Electronics and Motion Control Conference : 1–3 September 2008, Poznan, Poland : proceedings. Poznan : PTETiS Publishers, 2008. p. 154-158. [CD-ROM].

Janson, K., Bolgov, V., Kütt, L., Kallaste, A., Mölder, H. New practical approach to input current shaping in AC-DC power converters // EPE-PEMC 2008 : 2008 13th International Power Electronics and Motion Control Conference : 1–3 September 2008, Poznan, Poland : abstracts. Poznan : PETiS Publishers, 2008. p. 8.

Janson, K., Järvi, J., Kütt, L., Soosalu, A. Improvement of voltage transformers overvoltage problems in MV networks // 6th International Conference "2008 Power Quality and Supply Reliability" : August 27–29, 2008 : Pärnu, Estonia : conference proceedings. Tallinn : Tallinn University of Technology, 2008. p. 247-250. Artikkel ka CD-l.

Jegorov, M., Vinnikov, D., Vodovozov, V. Ëlektroliz kak sposob akkumulirovanija izbytočnoj ènergii vetroènergetičeskikh ustanovok // Tehnična elektrodinamika (2008) 1, lk. 42-47.

Johanson, J., Kaljuste, M., Niitlaan, E. Killustiku tootmise füüsikaline keskkonnamõju ja selle seire // Killustiku kaevandamine ja kasutamine. Tallinn : TTÜ kirjastus, 2008. lk. 34-39.

Jonsdottir, K., Tryggvason, A., Roberts, R., Lund, B., Soosalu, H., Bødvarsson, R. Habits of a glacier-covered volcano : seismicity patterns and velocity structure of Katla volcano, Iceland // Annals of glaciology. 45 (2008) p. 169-177.

Järvi, J. Action and reaction in electrical circuits // 5th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology : Kuressaare, January 14–19, 2008. [Tallinn] : Department of Electrical Drives and Power Electronics, 2008. p. 208-215.

Kallaste, A., Kütt, L., Bolgov, V., Janson, K. Reactive power compensation for spot welding machine using thyristor switched capacitor // 6th International Conference "2008 Power Quality and Supply Reliability" : August 27–29, 2008 : Pärnu, Estonia : conference proceedings. Tallinn : Tallinn University of Technology, 2008. p. 241-245. Artikkel ka CD-l.

Karu, V., Anepaio, A. Kivimi tugevusomaduste määramine mobiilsete katseseadmetega // Killustiku kaevandamine ja kasutamine. Tallinn : TTÜ kirjastus, 2008. lk. 40-45.

Karu, V., Kolats, M., Väizene, V., Anepaio, A., Valgma, I. Field work in the role of teaching and research of rock properties // 5th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology : Kuressaare, January 14–19, 2008. [Tallinn] : Department of Electrical Drives and Power Electronics, 2008. p. 66-70.

Karu, V., Västriik, A., Anepaio, A., Väizene, V., Adamson, A., Valgma, I. Future of oil shale mining technology in Estonia // Oil shale. 25 (2008) 2S, p. 125-134.

Karu, V., Västriik, A., Valgma, I. Application of modelling tools in Estonian oil shale mining area // Oil shale. 25 (2008) 2S, p. 135-144.

Karu, V. Mäetudengi õppetöö ja teadustee mäenduse ja geoloogia teadusklubis // Killustiku kaevandamine ja kasutamine. Tallinn : TTÜ kirjastus, 2008. lk. 71-73.

* Key, J., Soosalu, H., White, R.S., Drew, J., Knox, C., Nowacki, A.J., Coffin, M.R., Einarsson, P., Jakobsdottir, S.S. Crustal seismicity beneath Askja volcano, central Iceland, reflecting plate tectonics and magma movement // International Association of Volcanology and Chemistry of Earth's Interior : General Assembly : Reykjavik, Iceland, 18–22 August, 2008.

* Key, J., Soosalu, H., White, R.S., Drew, J., Einarsson, P., Jakobsdottir, S.S. Deep crustal seismicity beneath Askja volcano, central Iceland : interpretations and future work // European Seismological Commission Workshop : Seismic Phenomena Associated with Volcanic Activity : Leon, Nicaragua, 21–27 September, 2008.

Kilk, A., Kallaste, A. Multipole surface-mounted permanent magnet synchronous generators for wind applications // 6th International Conference "2008 Power Quality and Supply Reliability" : August 27–29, 2008 : Pärnu, Estonia : conference proceedings. Tallinn : Tallinn University of Technology, 2008. p. 235-240. Artikkel ka CD-l.

Kilk, K., Valdma, M. About optimal reserves in power systems // 5th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology : Kuressaare, January 14–19, 2008. [Tallinn] : Department of Electrical Drives and Power Electronics, 2008. p. 20-23.

Kilter, J., Reinson, A. Integration of Wide Area Monitoring technology and enhancement of power system reliability in Baltic power system // 6th International Conference "2008 Power Quality and Supply Reliability" : August 27–29, 2008 : Pärnu, Estonia : conference proceedings. Tallinn : Tallinn University of Technology, 2008. p. 41-46.

Kolats, M., Anepaio, A., Valgma, I. Ruumimudelid mäenduses [Elektrooniline teavik] // Maavarade kaevandamise ja kasutamise protsessid. Tallinn : TTÜ mäeinstituut, 2008. [7] lk. [CD-ROM].

Kolats, M., Väizene, V. Kuidas paistab killustikku kaevandav ettevõtte Internetis // Killustiku kaevandamine ja kasutamine. Tallinn : TTÜ kirjastus, 2008. lk. 54-59.

* Krumm, L., Vrinkis, K., Kreslins, V. Razvitie metodov kompleksnoj optimizacii upravlenija i nadežnosti funkcionirovanija ob"edinenij ènergosistem (oès) na mežgosudarstvennyh i regional'nyh urovnjah v uslovijah svobodnogo rynka, a takže sootvetstvujuščej seti koordinirujuščih dispečerskih centrov // Sbornik statej : metodičeskie voprosy issledovanija nadežnosti bol'ših sistem ènergetiki (BSÈ). Matematičeskie modeli i metody issledovanija nadežnosti liberalizovannyh sistem ènergetiki. 58. Irkutsk : ISEM SO RAN, 2008. lk. 1-8.

Kuhi-Thalfeldt, A., Raesaar, P. Possibilities and feasibility of demand-side management in the Estonian industrial sector // 5th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology : Kuressaare, January 14–19, 2008. [Tallinn] : Department of Electrical Drives and Power Electronics, 2008. p. 124-128.

Kuhi-Thalfeldt, R., Valtin, J. Possibilities of stabilising fluctuating wind power with cogeneration power plants // 5th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology : Kuressaare, January 14–19, 2008. [Tallinn] : Department of Electrical Drives and Power Electronics, 2008. p. 140-144.

Landsberg, M., Tammoja, H., Kilter, J. Optimal introduction of a nuclear power plant in Estonia under uncertain conditions // 6th International Conference "2008 Power Quality and Supply Reliability" : August 27–29, 2008 : Pärnu, Estonia : conference proceedings. Tallinn : Tallinn University of Technology, 2008. p. 211-216. Artikkel ka CD-l.

Laugis, J., Raud, Z. Koostöö edendamine TTÜ ja tööandjate vahel // Elektriala (2008) 1, lk. 34-35.

Laugis, J., Vodovozov, V. Educational collaboration in the field of power electronics and electromechanics // Proceedings of the International Conference : International Education and Science Cooperation : Saint-Petersburg, June 2–6, 2008 : IESC-2008. Saint-Petersburg, 2008. p. 241-245.

Laugis, J., Vodovozov, V. Expert system for electric drive design [Electronic resource] // EPE-PEMC 2008 : 2008 13th International Power Electronics and Motion Control Conference : 1–3 September 2008, Poznan, Poland : proceedings. Poznan : PETiS Publishers, 2008. p. 1032-1034. [CD-ROM].

Laugis, J., Vodovozov, V. Expert system for electric drive design // EPE-PEMC 2008 : 2008 13th International Power Electronics and Motion Control Conference : 1–3 September 2008, Poznan, Poland : abstracts. Poznan : PETiS Publishers, 2008. p. 40.

Laugis, J., Vodovozov, V. Motor drive design in database environment // The 4th International Scientific Conference of The Military Technical College [Korby El-Kobbah, Cairo, Egypt] : 27–29 May 2008. Proceedings of the 6th ICEENG Conference : 27–29 May, 2008. [Cairo, 2008]. p. EE018 [CD-ROM].

Laugis, J. EETELi uusliikme – TTÜ elektriamite ja jõuelektroonika instituudi tutvustus // Elektriala (2008) 3, lk. 8-10.

Laugis, J. Professor Juhan Laugis – väsimatu kui jõumasin : [intervjuu] // Elektriala (2008) 1, lk. 22-23.

Lehtla, M., Hõimoja, H. Slip control upgrades for light-rail electric traction drives [Electronic resource] // EPE-PEMC 2008 : 2008 13th International Power Electronics and Motion Control Conference : 1–3 September 2008, Poznan, Poland : proceedings. Poznan : PETiS Publishers, 2008. p. 1604-1607. [CD-ROM].

Lehtla, M., Hõimoja, H. Slip control upgrades for light-rail electric traction drives // EPE-PEMC 2008 : 2008 13th International Power Electronics and Motion Control Conference : 1–3 September 2008, Poznan, Poland : abstracts. Poznan : PETiS Publishers, 2008. p. 61.

Lehtla, T., Dudziak, R. Mobile robotics // Integrated systems and design : interstudy, May 9, 2008. [S.l.] : Kauno technologijos universitetas, 2008. p. 31-44.

Lehtla, T., Järvik, J. Energeetikateaduskond // Leiutajaid ja leiutisi Tallinna Tehnikaülikoolis 1922–2007. Tallinn : TTÜ kirjastus, 2008. lk. 19-33.

Lehtla, T. Energeetikateaduskond 2007 // Tallinna Tehnikaülikooli aastaraamat 2007. Tallinn : TTÜ kirjastus, c2008. lk. 35-41.

Lehtla, T. Kuidas muuta Eesti energeetika teadmistepõhiseks? // Elektriala (2008) 1, lk. 11-13.

* Lind, H., Robam, K., Valgma, I., Sokman, K. Developing computational groundwater monitoring and management system for Estonian oil shale deposit // Geoenvironment & Geotechnics (GEOENV08). 2. [S.l.] : Heliotopos conferences, 2008. p. 137-140.

Lohk, M., Väli, E., Tohver, T., Pastarus, J.-R. Surface Miner technology impact on the environment // 5th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology : Kuressaare, January 14–19, 2008. [Tallinn] : Department of Electrical Drives and Power Electronics, 2008. p. 44-47.

Metusala, T. Elektroenergeetikapäev 2008 // Elektriala (2008) 4, lk. 35.

Metusala, T. Kas panna piksevarras püsti või jätta panemata? // Elektriala (2008) 3, lk. 12-14.

Möller, T., Rosin, A., Hõimoja, H., Müür, M. PLC based control of remote laboratory experiments // BEC 2008 : 2008 International Biennial Baltic Electronics Conference : proceedings of the 11th Biennial Baltic Electronics Conference : October 6–8, 2008, Tallinn, Estonia. [Tallinn] : Tallinn University of Technology, 2008. p. 273-276.

Nikulin, V.G., Soosalu, H., Uski, M., Pacesa, A. Testing the location and discrimination capability of Nordic-Baltic virtual seismic network in the Baltic region // The 39th Nordic Seismology Seminar : June 4–6, 2008 : Oslo, Norway. [S.l., 2008]. p. 29.

Oidram, R. Kümme korda mõõda... // Keskkonnatehnika (2008) 5, lk. 38-41.

Oidram, R. Piksekaitse ja piksekaitsestandardid // Tallinna Tehnikaülikooli aastaraamat 2007. Tallinn : TTÜ kirjastus, c2008. lk. 355-359.

Oidram, R. Piksekaitsest üldiselt ja piksekaitse standarditest // Elektriala (2008) 1, lk. 28-30.

* Orru, H., Orru, M., Tuulik, V.-R., Übner, M. The resources and properties of Estonian balneological peat // Achievements and Prospects of Humic Substances Applications : Dnepropetrovsk, Ukraine, 19–23 February 2008.

Orru, M., Orru, H. Sustainable use of Estonian peat reserves and environmental challenges // Estonian journal of earth sciences. 57 (2008) 2, p. 87-93.

Palu, I., Agabus, H., Oidram, R. Power quality in weak grids containing wind turbines // International Conference "2008 Power Quality and Supply Reliability" : August 27–29, 2008 : Pärnu, Estonia : conference proceedings. Tallinn : Tallinn University of Technology, 2008. p. 125-130. Artikkel ka CD-l.

Palu, I., Tammoja, H., Oidram, R. Thermal power plant cooperation with wind turbines // 5th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology : Kuressaare, January 14–19, 2008. [Tallinn] : Department of Electrical Drives and Power Electronics, 2008. p. 129-132.

Palu, I., Tammoja, H., Oidram, R. Thermal power plant cooperation with wind turbines // Estonian journal of engineering. 14 (2008) 4, p. 317-324.

Pastarus, J.-R., Adamson, A., Sabanov, S., Väli, E., Nikitin, O. Wirtgen 2500 SM ja killustiku tootmine karjäärdes // Killustiku kaevandamine ja kasutamine. Tallinn : TTÜ kirjastus, 2008. lk. 26-28.

Pastarus, J.-R., Valgma, I., Adamson, A. Põlevkivi kasutamise jätkusuutlikkusest // XVI aprillikonverentsi "Põlevkivimaa – probleemid ja tulevik" teesid. Tallinn : Eesti Geoloogiakeskus, 2008. lk. 12-14.

Pastarus, J.-R., Valgma, I., Adamson, A. Põlevkivi kaevandamise jätkusuutlikkus [Elektroniline teavik] // Maavarade kaevandamise ja kasutamise protsessid. Tallinn : TTÜ mäeinstituut, 2008. [4] lk. [CD-ROM].

Pikner, R., Pajumaa, K. Overview of power-line communication // 5th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology : Kuressaare, January 14–19, 2008. [Tallinn] : Department of Electrical Drives and Power Electronics, 2008. p. 28-31.

Pirrus, E.-A. Meteoriidijälg Lasnamäel – loodusmälestis linnaolustikus // Keskkonnatehnika (2008) 4, lk. 22-24.

Pirrus, E. Rändrahnud // Eesti maatehnika kultuurist. Põltsamaa, 2008. lk. 100-109.

Pirrus, E. Rändrahnud // Harjumaa : Kiili, Rae, Saku ja Saue vald. [Tallinn] : Teaduste Akadeemia Kirjastus, 2008. lk. 13-15. (Loodusmälestised ; 18).

* Raesaar, P. Latest developments on RES policy, implementation and planning in Estonia // Proceedings of the workshop "Data Gathering on Renewable Energies for New Member States and Candidate Countries" : 13–15 November 2007, Istanbul, Turkey. Luxembourg : Office for Official Publications of the European Communities, 2008. p. 280-292.

Rannik, E., Killing, M., Niitlaan, E. Probleem ehituskruusa uuringul // Killustiku kaevandamine ja kasutamine. Tallinn : TTÜ kirjastus, 2008. lk. 29-32.

Reinsalu, E. (koost.). TTÜ mäeinstituut 70 // Killustiku kaevandamine ja kasutamine. Tallinn : TTÜ kirjastus, 2008. lk. 74-79.

Reinsalu, E., Adamson, A. Mäeinseneride õpetamine Eestis // 90 aastat põlevkivi kaevandamist Eestis : tehnoloogia ja inimesed. [Tallinn] : GeoTrail KS, [2008]. lk. 580-589.

Reinsalu, E. Akumuleeriv hüdroelektrijaam // Suured teooriad. Tartu : Sulemees, 2008. lk. 19-24. (Schola geologica ; IV).

Reinsalu, E. Eesti mäetööstuse hetkeseis [Elektroniline teavik] // Maavarade kaevandamise ja kasutamise protsessid. Tallinn : TTÜ mäeinstituut, 2008. [2] lk. [CD-ROM].

Reinsalu, E. Elamumaa hinnalisuse tõttu jääb maavara kaevandamata // Inseneeria (2008) 3, lk. 23.

Reinsalu, E. Põlevkivi – uhkus või nuhtlus? // Kalender 2009. Tallinn : Olion, 2008. lk. 111-117.

Reinsalu, E. Põlevkivi tarbimise prognoos aastani 2020 [Elektroniline teavik] // Maavarade kaevandamise ja kasutamise protsessid. Tallinn : TTÜ mäeinstituut, 2008. [11] lk. [CD-ROM].

Reinsalu, E. Põlevkivist on raske loobuda // Tallinna Tehnikaülikooli aastaraamat 2007. Tallinn : TTÜ kirjastus, c2008. lk. 344-347.

Reinsalu, E. Pärast meid tuleb veeuputus, ehk, Ammendatud karjäärade järved // Keskkonnatehnika (2008) 3, lk. 48-49.

Reinsalu, E. Pärast meid tuleb veeuputus // XVI aprillikonverentsi "Põlevkivimaa – probleemid ja tulevik" teesid. Tallinn : Eesti Geoloogiakeskus, 2008. lk. 22-23.

Reinsalu, E. Püha Brigitta paemurd // Killustiku kaevandamine ja kasutamine. Tallinn : TTÜ kirjastus, 2008. lk. 66-70.

Reinsalu, E. Teadus- ja arendustegevus põlevkivi kaevandamisel : muljed, mälestused, üldistused // 90 aastat põlevkivi kaevandamist Eestis : tehnoloogia ja inimesed. [Tallinn] : GeoTrail KS, [2008]. lk. 544-565.

Reinsalu, E. The 70th anniversary of mining engineering in Estonia : editor's page // Oil shale. 25 (2008) 2S, p. 97-99.

Risthein, E. (koost.). Tähtpäevi // Elektriala (2008) 1, lk. 38-39 ; 2, lk. 37-38 ; 3, lk. 37-38 ; 5, lk. 36-38 ; 6, lk. 37-38 ; 7, lk. 37-38 ; 8, lk. 45-46.

Risthein, E. (koost.). Uudiseid Eestist // Elektriala (2008) 1, lk. 38 ; 2, lk. 36 ; 3, lk. 37 ; 5, lk. 35 ; 6, lk. 36 ; 7, lk. 36 ; 8, lk. 44.

Risthein, E. (koost.). Uudiseid maailmast // Elektriala (2008) 1, lk. 38 ; 2, lk. 36 ; 5, lk. 35-36 ; 6, lk. 37 ; 7, lk. 36 ; 8, lk. 44-45.

Risthein, E. Hugo Tiismus : 10.04.1924 – 07.01.2007 : [in memoriam] // Tallinna Tehnikaülikooli aastaraamat 2007. Tallinn : TTÜ kirjastus, c2008. lk. 425-426.

Risthein, E. Mille kulul me elame? // Mõistlik Maamuna : üks amps teadmiseid korraga (2008) 2, [4] lk.

Risthein, E. Sissejuhatus energiatehnikasse : [ettekanne õpiku esitlusel]// Tallinna Tehnikaülikooli aastaraamat 2007. Tallinn : TTÜ kirjastus, c2008. lk. 383-385.

Risthein, E. Suuruste ja ühikute tähistest elektrotehnikas // Elektriala (2008) 3, lk. 34-35 ; 4, lk. 26-27.

Risthein, E. Uusi raamatuid // Elektriala (2008) 6, lk. 36.

Risthein, E. Valgustiheduse mõõtmine sisevalgustuspaigaldistes // Elektriala (2008) 8, lk. 34-38.

Risthein, E. Villem Loigom : 20.09.1936 – 05.08.2007 : [in memoriam] // Tallinna Tehnikaülikooli aastaraamat 2007. Tallinn : TTÜ kirjastus, c2008. lk. 432-433.

Roasto, I., Vinnikov, D., Lehtla, T. Comparison of different microcontroller development boards for power electronics applications // 5th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology : Kuressaare, January 14–19, 2008. [Tallinn] : Department of Electrical Drives and Power Electronics, 2008. p. 103-107.

Roasto, I., Vinnikov, D., Lehtla, T., Auväärt, A. A simplified peak current mode control algorithm for special purpose high voltage IGBT converters // BEC 2008 : 2008 International

Biennial Baltic Electronics Conference : proceedings of the 11th Biennial Baltic Electronics Conference : October 6–8, 2008, Tallinn, Estonia. [Tallinn] : Tallinn University of Technology, 2008. p. 305-308.

Roasto, I., Vinnikov, D., Lehtla, T. Laboratory setup for studying ultracapacitors in industrial applications [Electronic resource] // EPE-PEMC 2008 : 2008 13th International Power Electronics and Motion Control Conference : 1–3 September 2008, Poznan, Poland : proceedings. Poznan : PETiS Publishers, 2008. p. 2034-2037. [CD-ROM].

Roasto, I., Vinnikov, D., Lehtla, T. Laboratory setup for studying ultracapacitors in industrial applications // EPE-PEMC 2008 : 2008 13th International Power Electronics and Motion Control Conference : 1–3 September 2008, Poznan, Poland : abstracts. Poznan : PETiS Publishers, 2008. p. 77-78.

Roasto, I., Vinnikov, D., Lehtla, T. Analysis of capacitor-related mid-voltage point shift problems in high-voltage half-bridge DC/DC converters // PESC 08 : 39th IEEE Annual Power Electronics Specialists Conference : Rhodes, Greece, 15–19 June 2008 : book of one page paper summaries. [S.l., 2008]. p. 573.

Roasto, I., Vinnikov, D., Lehtla, T. Ultracapacitors as an innovative teaching topic in Tallinn University of Technology [Electronic resource] // 19th International Symposium on Power Electronics, Electrical Drives, Automation and Motion : Speedam 2008 : Ischia (Italy), June 11th–13th, 2008 : conference proceedings. [S.l.], 2008. p. 475-480. [CD-ROM].

* Roasto, I., Vinnikov, D., Lehtla, T. Analysis of capacitor-related mid-voltage point shift problems in high-voltage half-bridge DC/DC converters // Proceedings of 2008 IEEE 39th Annual Power Electronics Specialists Conference : PESC 2008 : Rhodes, Greece, 15–19 June 2008. [S.l.] : IEEE, 2008. p. 3619-3622.

Roasto, I., Vinnikov, D., Vodovozov, V. Development and verification of control and protection algorithms for the special purpose high power converters // Intelligent Technologies in Logistics and Mechatronics Systems : ITELMS'2008 : proceedings of the 3rd International Workshop : May 22–23, 2008, Panevėžys, Lithuania. Kaunas : Technologija, 2008. p. 23-27.

Robam, K., Valgma, I. Hämmastavad augud ja ökogigandid // Suured teooriad. Tartu : Sulemees, 2008. lk. 25-34. (Schola geologica ; IV).

Robam, K., Väizene, V., Anepaio, A., Kolats, M., Valgma, I. Measuring mining influence in the form of students practice in opposition to the emotional environmental impact assessment // 5th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology : Kuressaare, January 14–19, 2008. [Tallinn] : Department of Electrical Drives and Power Electronics, 2008. p. 62-65.

Robam, K., Väizene, V. Killustikuga seotud liidud Eestis ja välismaal // Killustiku kaevandamine ja kasutamine. Tallinn : TTÜ kirjastus, 2008. lk. 60-61.

Ruban, O., Laugis, J. Troubleshooting and debugging functions // 5th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology : Kuressaare, January 14–19, 2008. [Tallinn] : Department of Electrical Drives and Power Electronics, 2008. p. 216-221.

Rööp, A. Kahe kõrgkooli diplomid : [V.Väizene kohta] // Elektriala (2008) 6, lk. 35.

Sabanov, S., Nikitin, O., Pastarus, J.-R. Risk assessment of feasibility of roadheaders in Estonian underground mining // Oil shale. 25 (2008) 2S, p. 153-162.

Sabanov, S., Pastarus, J.-R., Nikitin, O., Väli, E. Risk assessment of vibration impact on roof and pillars stability in Estonian underground // 5th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology : Kuressaare, January 14–19, 2008. [Tallinn] : Department of Electrical Drives and Power Electronics, 2008. p. 57-61.

Sabanov, S., Pastarus, J.-R., Nikitin, O., Väli, E. Risk assessment of surface miner for Estonian oil shale mining industry // The 12th International Conference of IACMAG : 1–6 October, 2008 : Goa, India : [abstracts]. [S.l., 2008]. p. 63.

Sabanov, S., Pastarus, J.-R., Nikitin, O. Primenenie koncepcii ocenki riskov v gornodobyvajuščeĭ promyšlennosti Ėstonii // Zapiski Gornogo instituta. Problemy nedropol'zovanija. Sankt-Peterburg : Sankt-Peterburgskij gornyj institut im. G.V.Plehanova, 2008. lk. 167-170. (Zapiski Gornogo instituta ; 174).

Sabanov, S., Pastarus, J.-R., Nikitin, O., Väli, E. Risk assessment of seismic impact on the roof and pillars stability in Estonian underground // Estonian journal of engineering. 14 (2008) 4, p. 325-333.

Sabanov, S., Sokman, K. Technological and environmental aspects of assessment of a combination of different mining methods used in Estonian oil shale industry // Oil shale. 25 (2008) 2S, p. 163-173.

Sabanov, S., Tohver, T., Väli, E., Nikitin, O., Pastarus, J.-R. Geological aspects of risk management in oil shale mining // Oil shale. 25 (2008) 2S, p. 145-152.

Sabanov, S. Risk assessment in the quality control of oil shale in Estonian deposit // 28th Oil Shale Symposium : October 13–17, 2008 : Colorado School of Mines, Golden, Colorado : [abstracts]. [Golden, 2008]. p. 35.

Sabanov, S. Risk assessment methods in Estonian oil shale industry : [summery of the doctoral thesis] // Oil shale. 25 (2008) 3, p. 389.

Sabanov, S. Symposium on oil shale in Colorado // Oil shale. 25 (2008) 2S, p. 197-198.

* Sabanov, S. Ocenka tehnogennyh izmenenij pri razrabotke gorjučih slancev // Resursovoproizvodjaščie, maloethodnye i prirodoohrannye tehnologii osvoenija nedr. R 43. Moskva : Rossiskii universitet družby narodov, 2008. lk. 18-20.

Saum, M., Väizene, V., Karu, V. Loo lubjakivikarjääris ning Nabala lubjakivimaardlas kaevandamise võimalikkusest võrreldes Saksamaa hiigelkarjääridega [Elektroniline teavik] // Maavarade kaevandamise ja kasutamise protsessid. Tallinn : TTÜ mäeinstituut, 2008. [7] lk. [CD-ROM].

Sokman, K., Kattai, V., Vaher, R., Sõstra, Ü. Influence of tectonic dislocations on oil shale mining in the Estonia deposit // Oil shale. 25 (2008) 2S, p. 175-187.

* Soosalu, H., Heinlo, A. Seismic network of Estonia // Orfeus Observatory Co-ordination meeting : Barcelona, 5–8 May, 2008. [S.l., 2008].

* Soosalu, H., Key, J., White, R.S., Einarsson, P., Jakobsdottir, S.S. Mid-Atlantic rift volcano Askja in Iceland : seismic observations // European Seismological Commission Workshop : Seismic Phenomena Associated with Volcanic Activity : Leon, Nicaragua, 21–27 September, 2008.

* Soosalu, H., Uski, M., Kortström, J. Joint Finnish-Estonian seismic analysis of quarry blasts in NE Estonia // The 39th Nordic Seismology Seminar : June 4–6, 2008 : Oslo, Norway. [S.l., 2008]. p. 35.

Soosalu, H., White, R., Knox, C., Einarsson, P., Jakobsdottir, S.S. Waveforms of lower-crustal earthquakes near the Askja volcano at the North Iceland divergent plate boundary // "Hot and cold : seismicity associated with geothermal areas and ice-covered volcanoes" : ESC Working Group "Earthquakes and volcanoes" : Annual Workshop 2007 : Nesbud, September 9–16. [Reykjavik, 2007]. p. [20].

Soosalu, H., White, R.S., Key, A.J., Knox, C., Einarsson, P., Jakobsdottir, S.S. Lower-crystal earthquakes reflect magma movements beneath the north Iceland rift near Askja // Geophysical research abstracts. 10 (2008) p. 07323.

* Soosalu, H., White, R.S., Key, J., Einarsson, P., Jakobsdottir, S. Magma movement at the roots of the Askja volcano, Iceland, indicated by lower-crustal seismicity // International Association of Volcanology and Chemistry of Earth's Interior : General Assembly : Reykjavik, Iceland, 18–22 August, 2008.

Spungin, V.G., Sõstra, Ü. Svjazi mikrosejsmičnosti, blokovogo stroenija i sovremennyh dviženij na lokal'nyh učastkah jugo-vostoka Fennoskandii // Svjaz' poverhnostnyh struktur Zemnoj kory s glubinnymi : materialy četyrnadcatoj meždunarodnoj konferencii : 27–31 oktjabrja 2008 goda. Čast' 2. Petrozavodsk : Rossijskaja akademija nauk, 2008. lk. 215-218.

Strzelecki, R., Vinnikov, D. Decentralized control of a UPS systems operating in parallel // BEC 2008 : 2008 International Biennial Baltic Electronics Conference : proceedings of the

11th Biennial Baltic Electronics Conference : October 6–8, 2008, Tallinn, Estonia. [Tallinn] : Tallinn University of Technology, 2008. p. 297-300.

Sõstra, Ü., Kallaste, T. Sonda tektoonilise rikke hüdrotermilised mineraalid // Eesti Põlevloodusvarad ja -jäätmad (2008) 1/2, lk. 6-9.

Sõstra, Ü. Kivimite koostise mõjust elusloodusele ja kaevandatud alade rekultiveerimisele [Elektroniline teavik] // Maavarade kaevandamise ja kasutamise protsessid. Tallinn : TTÜ mäeinstituut, 2008. [10] lk. [CD-ROM].

Sõstra, Ü. Laamtektonika teooria areng ja selle kujunemine paradigmaks // Suured teooriad. Tartu : Sulemees, 2008. lk. 35-41. (Schola geologica ; IV).

Sõstra, Ü. Põlevkivimaa tektoonilised rikked [Elektroniline teavik] // Maavarade kaevandamise ja kasutamise protsessid. Tallinn : TTÜ mäeinstituut, 2008. [3] lk. [CD-ROM].

Sõstra, Ü., Pastarus, J.-R., Sõstra, I. Obrazovanie uslovij obščego sžatija v mestah peresečenija drevnih regional'nyh razlomnyh zon v golocene (na primere yčastka Luaštangi, Kalevala, Respublika Karel'ija) // Svjaz' poverhnostnyh struktur Zemnoj kory s glubinnymi : materialy četyrnadcatoj meždunarodnoj konferencij : 27–31 oktjabrja 2008 goda. Čast' 2. Petrozavodsk : Rossijskaja akademija nauk, 2008. lk. 249-257.

Sõstra, Ü., Spungin, A. Nekotorye tipy poslednikovyh sejsmodislokacij respubliki Karel'ija (Rossija) i Ėstonii // Svjaz' poverhnostnyh struktur Zemnoj kory s glubinnymi : materialy četyrnadcatoj meždunarodnoj konferencij : 27–31 oktjabrja 2008 goda. Čast' 2. Petrozavodsk : Rossijskaja akademija nauk, 2008. lk. 245-249.

Sõstra, Ü. O fanerozojskikh tektoničeskikh dviženijah zony sočlenija Fennoskandinavskogo ščita s Russkoj plitoj // Svjaz' poverhnostnyh struktur Zemnoj kory s glubinnymi : materialy četyrnadcatoj meždunarodnoj konferencij : 27–31 oktjabrja 2008 goda. Čast' 2. Petrozavodsk : Rossijskaja akademija nauk, 2008. lk. 242-245.

Sõstra, Ü. Projavlenie naložennyh tektoničeskikh dviženij na severo-zapadnoj okraine Russkoj plity // Obščie i regional'nye problemy tektoniki i geodinamiki : materialy XLI tektoničeskogo soveščanija. Tom 2. Moskva : GEOS, 2008. lk. 311-316.

Šommet, J. Lubjakivikillustiku kvaliteedi mudelid // Killustiku kaevandamine ja kasutamine. Tallinn : TTÜ kirjastus, 2008. lk. 18-20.

Tammemäe, O., Torn, H. Need for and objective of geotechnical engineering surveys // 5th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology : Kuressaare, January 14–19, 2008. [Tallinn] : Department of Electrical Drives and Power Electronics, 2008. p. 53-56.

Tammemäe, O., Torn, H. Risk management in environmental geotechnical modelling // Geologija. 61 (2008) 1, p. 44-48.

Tammemäe, O. Basics for geotechnical engineering explorations considering needed legal changes // Oil shale. 25 (2008) 2S, p. 189-196.

Tammeoja, T., Reinsalu, E. Forecast of Estonian oil shale usage for power generation // Oil shale. 25 (2008) 2S, p. 115-124.

Tammeoja, T., Västriik, A. The models of estimating oil shale flows and price // 5th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology : Kuressaare, January 14–19, 2008. [Tallinn] : Department of Electrical Drives and Power Electronics, 2008. p. 71-72.

Tammeoja, T. Economic model of oil shale flows and cost : [summery of the doctoral thesis] // Oil shale. 25 (2008) 3, p. 389.

Teemets, R. Elekritöö ettevõtja andmeid majandustegevuse registris on vaja täpsustada! // Elektriala (2008) 3, lk. 20.

Tšernobrovkin, O., Kilter, J., Reinson, A., Ülavere, E. Wind power integration in Estonia under planning contingencies // 6th International Conference "2008 Power Quality and Supply Reliability" : August 27–29, 2008 : Pärnu, Estonia : conference proceedings. Tallinn : Tallinn University of Technology, 2008. p. 113-118. Artikkel ka CD-l.

Tšurkina, N. "Electrician" curriculum in Tallinn Polytechnic School // 5th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology : Kuressaare, January 14–19, 2008. [Tallinn] : Department of Electrical Drives and Power Electronics, 2008. p. 205-207.

Tuuna, V., Tohver, T. MTÜ Eesti Mäeselts tegemisi ja tulevikuplaane // Killustiku kaevandamine ja kasutamine. Tallinn : TTÜ kirjastus, 2008. lk. 82-84.

Uibopuu, L. Mälestusi akadeemik Arnold Humalast // Killustiku kaevandamine ja kasutamine. Tallinn : TTÜ kirjastus, 2008. lk. 64-65.

Valgma, I., Karu, V., Anepaio, A., Väizene, V. Increasing oil shale quality for meeting EU environmental requirements // Mining and the Environment 2007 : 8th till 10th November 2007 : Baia Mare, Romania. Baia Mare, 2007. p. 195-205.

Valgma, I., Karu, V., Kolats, M. Killustav killustik – settekivimitel paiknev Eesti vaevleb killustiku kaevandamise hirmudes, teadmatuses ja ehitusmaterjalide puuduses // Killustiku kaevandamine ja kasutamine. Tallinn : TTÜ kirjastus, 2008. lk. 49-53.

Valgma, I., Karu, V., Västriik, A. Multi criterial modelling of oil shale mining fields : [poster] // Mining and the Environment 2007 : 8th till 10th November 2007 : Baia Mare, Romania. Baia Mare, 2007. p. 225.

Valgma, I., Kolats, M., Grossfeldt, G., Saum, M. Kaevandamise protsesside sõltuvus mäendustingimustest [Elektroniline teavik] // Maavarade kaevandamise ja kasutamise protsessid. Tallinn : TTÜ mäeinstituut, 2008. [17] lk. [CD-ROM].

Valgma, I., Tammeoja, T., Anepaio, A., Karu, V., Västriik, A. Underground mining challenges for Estonian oil shale deposit // Kolloquium Schacht, Strecke und Tunnel 2008 : 17. und 18. April 2008 : Freiberg/Sachsen. Freiberg : TU Bergakademie Freiberg, 2008. p. 161-172.

Valgma, I. Conferences on oil shale mining // Oil shale. 25 (2008) 2S, p. 199.

Vinnal, T., Kütt, L., Kalda, H. Analysis of power consumption and losses in relation to supply voltage levels // 6th International Conference "2008 Power Quality and Supply Reliability" : August 27–29, 2008 : Pärnu, Estonia : conference proceedings. Tallinn : Tallinn University of Technology, 2008. p. 23-28. Artikkel ka CD-l.

Vinnikov, D., Jalakas, T., Egorov, M. Feasibility study of half- and full-bridge isolated DC/DC converters in high-voltage high-power applications [Electronic resource] // EPE-PEMC 2008 : 2008 13th International Power Electronics and Motion Control Conference : 1–3 September 2008, Poznan, Poland : proceedings. Poznan : PETiS Publishers, 2008. p. 1271-1277. [CD-ROM].

Vinnikov, D., Jalakas, T., Egorov, M. Feasibility study of half- and full-bridge isolated DC/DC converters in high-voltage high-power applications // EPE-PEMC 2008 : 2008 13th International Power Electronics and Motion Control Conference : 1–3 September 2008, Poznan, Poland : abstracts. Poznan : PETiS Publishers, 2008. p. 49.

Vinnikov, D., Laugis, J., Galkin, I. Middle-frequency isolation transformer design issues for the high-voltage DC/DC converter // PESC 08 : 39th IEEE Annual Power Electronics Specialists Conference : Rhodes, Greece, 15-19 June 2008 : book of one page paper summaries. [S.l., 2008]. p. 304.

* Vinnikov, D., Laugis, J., Galkin, I. Middle-frequency isolation transformer design issues for the high-voltage DC/DC converter // Proceedings of 2008 IEEE 39th Annual Power Electronics Specialists Conference : PESC 2008 : Rhodes, Greece, 15–19 June 2008. [S.l.] : IEEE, 2008. p. 1930-1936.

Vinnikov, D., Laugis, J., Jalakas, T. Evaluation of different high-voltage switch solutions for high-power converters used in rolling stock [Electronic resource] // ISIE08 : 2008 IEEE International Symposium on Industrial Electronics : 30 June – 2 July 2008, Cambridge, United Kingdom. [S.l.] : IEEE, c2008. p. 214-219. [CD-ROM].

Vinnikov, D., Laugis, J., Strzelecki, R., Egorov, M. 6.5 kV IGBT switch realization possibilities and their feasibility study for high-power applications // The 4th International Scientific Conference of The Military Technical College [Korby El-Kobbah, Cairo, Egypt] : 27–29 May 2008. Proceedings of the 6th ICEENG Conference : 27–29 May, 2008. [Cairo, 2008]. p. EE051 [CD-ROM].

Vinnikov, D., Lehtla, M. Feasibility study of 200 kW half-bridge and full-bridge DC/DC converters with 6.5 kV IGBTs // 19th International Symposium on Power Electronics, Electrical Drives, Automation and Motion : Speedam 2008 : Ischia (Italy), June 11th –13th, 2008 : conference proceedings. [S.l.], 2008. p. 1537-1541. [CD-ROM].

Vinnikov, D., Lehtla, T., Strzelecki, R., Galkin, I. Design and development of the middle-frequency isolation transformer for the high-voltage DC/DC converter [Electronic resource] // The 4th International Scientific Conference of The Military Technical College [Korby El-Kobbah, Cairo, Egypt] : 27–29 May 2008. Proceedings of the 6th ICEENG Conference : 27–29 May, 2008. [Cairo, 2008]. p. EE045 [CD-ROM].

Vinnikov, D., Roasto, I., Lehtla, T. Fault detection and protection system for the power converters with high-voltage IGBTs [Electronic resource] // ICECS 2008 : The 15th IEEE International Conference on Electronics, Circuits and Systems : August 31 – September 3, 2008, Malta. [S.l.] : IEEE, c2008. p. 922-925. [CD-ROM].

* Vinnikov, D. Some design consideration for the 6.5 Kv IGBT-based half-bridge DC/DC converter // The Brazilian journal of power electronics = Revista electronica de potencia. 13 (2008) 2, p. 55-60.

Vinnikov, D., Laugis, J., Lehtla, T., Jegorov, M. O rezul'tatah mnogoletnogo sotrudničestva instituta èlektroprivoda i silovoj èlektroniki Tallinnskogo tehničeskogo universiteta s Tallinnskimi tramvajno-trolleybusnym ob"edineniem // Proceedings of the International Conference : International Education and Science Cooperation : Saint-Petersburg, June 2–6, 2008 : IESC-2008. Sankt-Peterburg, 2008. p. 271-279.

Vodovozov, V., Laugis, J. Motor drive design using structured query language // Estonian journal of engineering. 14 (2008) 4, p. 334-344.

Vodovozov, V., Pettai, E., Auväärt, A. Design and modelling of electric drive in database environment [Electronic resource] // ISIE08 : 2008 IEEE International Symposium on Industrial Electronics : 30 June – 2 July 2008, Cambridge, United Kingdom. [S.l.] : IEEE, c2008. p. 764-767. [CD-ROM].

Vodovozov, V., Raud, Z. Model-based learning in electric drive design // Modelling and Simulation 2008 : The European Simulation and Modelling Conference 2008 : ESM'2008 : October 27–29, 2008, Le Havre, France. [S.l.] : EUROSIS-ETI, [2008]. p. 355-359.

Vodovozov, V., Vinnikov, D., Laugis, J., Lehtla, T. Interinstitutional activity in professional training in power electronics // Tehnična elektrodinamika (2008) 7, lk. 58-61.

Vodovozov, V., Vinnikov, D., Laugis, J., Lehtla, T. Interinstitutional activity in professional training in power electronics [Electronic resource] // 19th International Symposium on Power Electronics, Electrical Drives, Automation and Motion : Speedam 2008 : Ischia (Italy), June 11th –13th, 2008 : conference proceedings. [S.l.], 2008. p. 492-495. [CD-ROM].

Vodovozov, V., Vinnikov, D. Flexible models of electric motor drives // Tehnična elektrodinamika (2008) 3, p. 89-91.

Väli, E., Valgma, I., Reinsalu, E. Usage of Estonian oil shale // Oil shale. 25 (2008) 2S, p. 101-114.

Västrik, A., Saum, M. Graniidi kaevandamise võimalused [Elektrooniline teavik] // Maavarade kaevandamise ja kasutamise protsessid. Tallinn : TTÜ mäeinstituut, 2008. [4] lk. [CD-ROM].

Västrik, A., Valgma, I. Killustikukivi ressurss Eestis // Keskkonnatehnika (2008) 3, lk. 52-53.

Västrik, A., Valgma, I. TTÜ mäeinstituut 70 // Killustiku kaevandamine ja kasutamine. Tallinn : TTÜ kirjastus, 2008. lk. 80-81.

Västrik, A. Karjääri korrastamise võimalused // Killustiku kaevandamine ja kasutamine. Tallinn : TTÜ kirjastus, 2008. lk. 46-48.

Wang, J., Tilmann, F., White, R.S., Soosalu, H., Bordoni, P. Application of multi-channel Wiener filters to the suppression of ambient seismic noise in passive seismic arrays // The loading edge. 27 (2008) 2, p. 232-238.

HUMANITAARTEADUSKOND

Raamatud

De Jong, J., Vanhaverbeke, W., Kalvet, T., Chesbrough, H. Policies for open innovation : theory, framework and Cases. Helsinki : VISION Era-Net, 2008. 172 p.

Kattel, R. (ed.). Halduskultuur = Administrative culture. 9. [Tallinn], 2008. 83 p. Saadaval ka võrguteavikuna.

Kiili, J. Raplamaa mõisaretked : kolm retke ajaloo- ja kultuurihuvilisele. Vaimõisa; Rapla : J.Kiili, 2008. 56 lk.

Laanemäe, A. Halduseetika. [kordustr.]. [Tallinn] : TTÜ kirjastus, [2008]. 236 lk.

Lember, V., Kalvet, T., Kattel, R., Penna, C., Suurna, M. Public procurement for innovation in Baltic metropolises. Tallinn, 2007. 71 p.

Lõhmus, M. Avaliku halduse detsentraliseerimine Eestis. Tallinn : TTÜ kirjastus, 2008. 231 lk. (Theses of Tallinn University of Technology. I, Thesis on humanities and social sciences ; 8).

Meos, I. Filosoofia HHF3060 [Videosalvestis] : õppematerjalid. [Tallinn : Tallinna Tehnikaülikool, 2008]. 1 DVD.

Meos, I. Loogika HHF1010 [Videosalvestis] : õppematerjalid. [Tallinn : Tallinna Tehnikaülikool, 2008]. 1 DVD.

Meos, I. Sissejuhatus teadusfilosoofiasse HHF5201 [Videosalvestis] : õppematerjalid. [Tallinn : Tallinna Tehnikaülikool, 2008]. 1 DVD.

Mäeltsemees, S. (comp.). 5th international city administration conference : Annual Conference of the Union of Capitals of the European Union : Tallinn, 27–28 September 2007. Tallinn : TUT Press, 2008. 77, [2] p.

Mägi, V. Adrasedmise aeg : Tallinna Tehnikaülikool 1918–1940. [Tallinn] : Tallinna Tehnikaülikooli kirjastus, 2008. 200 lk.

Mägi, V. (koost.). Tallinna Tehnikaülikooli aastaraamat 2007. Tallinn : TTÜ kirjastus, c2008. 554 lk., [24] lk. fot. (Tallinna Tehnikaülikooli aastaraamat ; 15).

Pruulmann-Vengerfeldt, P., Kalvet, T. Infokihistumine : Interneti mittekasutajad, vähekasutajad ning hiljuti kasutama hakanud [Võrguteavik]. Tallinn : Poliitikauuringute Keskus Praxis, 2008. 104 p. (Praxise Toimetised ; 41).

Uudelepp, A. Propagandainstrumendid poliitilistes ja poliitikavälistes telereklaamides. Tallinn : TLÜ kirjastus, 2008. 132 lk. (Tallinna Ülikool. Sotsiaalteaduste dissertatsioonid ; 35).

Vihalem, R. ; (koost.) Kaevats, Ü. Teadusfilosoofilisest vaatepunktist. [Tallinn] : Eesti Keele Sihtasutus, 2008. 423, [1] lk.

Voltri, A. (koost.). Kehaline kasvatus Tallinna Tehnikaülikoolis 1936–2008. Tallinn : Tallinna Tehnikaülikool, 2008. 123 lk.

Artiklid

* Drechsler, W. Aufstieg und Untergang des New Public Management // Kurswechsel. 23 (2008) 2, S. 17-26.

Drechsler, W. Dirk Hoeges, Niccolo Machiavelli. Dichter : mit sämtlichen Gedichten, deutsch/italienisch = Poeta : con tutte le poesie tedesco/italian : book review // The sixteenth century journal. 39 (2008) p. 253-254.

Drechsler, W. Foundations of municipal autonomy : Karl Freiherr vom Stein at 250 and the Preussische Städteordnung at 200 // NISPAcee journal of public administration and policy. 1 (2008) 1, p. 137-141.

Drechsler, W. In memoriam Peter R.Senn (1923–2007) // Halduskultuur = Administrative culture. 9 (2008) p. 4-5.

Drechsler, W. NanoGov – Nanotechnologie, Innovation, Governance und Verwaltung aus der Perspektive der techno-ökonomischen Paradigmen // Nanotechnologie : Grundlagen, Anwendungen, Risiken, Regulierung. Berlin : De Gruyter, 2008. p. 307-326.

Duve, T. Haushaltsnotlagen bei Kommunen – Kommunale Besonderheiten, Indikatoren und Staatsverantwortung // Die öffentliche Verwaltung (2008) 1, S. 22-27.

Duve, T. Staatskommissare als Manager kommunaler Haushaltskonsolidierungsprozesse // Verwaltung und Management (2008) 6, S. 283-293.

Kaevats, Ü. Eesti inimarengu aruanne : kolmekõne võimalus teadlaste, poliitiliste otsusetegijate ja meedia vahel // Riigikogu Toimetised. 17 (2008) lk. 50-55.

Kaevats, Ü. Saateks // Sissejuhatus teaduse ja tehnika uuringutesse. Tallinn : Tallinna Tehnikaülikooli Kirjastus, 2008. lk. 6-9.

Kaevats, Ü. Scientia est potentia // Studia Philosophica Estonica [Vörguteavik]. 1 (2008) 3, p. 43-60.

* Kalvet, T. Az eszt informacios tarsadalom fejlödese az 1990-es evek ota // Informacios Tarsadalom. 8 (2008) 3, p. 51-81.

* Kalvet, T. Digital divide and the ICT paradigm generally and in Estonia // Global information technologies : concepts, methodologies, tools and applications. [S.l.], 2008. p. 1423-1430.

Kattel, R., Suurna, M. The rise and fall of the Estonian genome project // Studies in ethics, law and technology. 2 (2008) 2, Article 4.

Kiili, J. Zooloogia arengust ja loomastiku uurimisest Eestis 1990. aastate alguseni // Uurimusi Eesti loodusteaduste ajaloost. Tartu : Eesti Looduseuurijate Selts, 2008. lk. 157-197. (Looduseuurijate Seltsi aastaraamat ; 85).

Kiili, J. Valik Eesti zooloogia ajaloo alast kirjandust // Uurimusi Eesti loodusteaduste ajaloost. Tartu : Eesti Looduseuurijate Selts, 2008. lk. 198-228. (Looduseuurijate Seltsi aastaraamat ; 85).

* Linnas, R. Audit in small government units : the case of Estonia // First Global Academic Conference on Internal Audit & Corporate Governance : Rotterdam, 20–22.04.2008.

* Linnas, R. Audit in small local government units : the case of Estonia // Kunnallistieteellinen aikauskirja (2008) 1, p. 65-82.

Linnas, R. Innovatsioonipoliitika mõju hindamine majanduskasvu ja ühiskonna heaolu edendamise kontekstis : Eesti näitel // Eesti majanduspoliitilised väitlused. XVI. Tallinn : Mattimar, 2008. p. 38-42. CD-ROMil artikkel inglise k.

Linnas, R. Kohaliku omavalitsuse auditi, järelvalve ja kontrolli probleeme Eestis // Riigikogu Toimetised. 17 (2008) lk. 176-184.

Linnas, R. Siseaudiitorid vajavad oma seadust // Ärielu (2008) 49, lk. 62-64.

* Linnas, R. Teoreetilised i praktilised aspekty planirovanija innovacionnoj politiki (na primere Èstonii) // Vestnik VGU. Serija: Èkonomika i upravlenie. (2008) 1, lk. 10-24.

Lõhmus, M. Linnaosad ja linnajuhtimise detsentraliseerimine Eesti Vabariigis 1918–1940 // Tuna (2008) 4, lk. 44-55.

Lõhmus, M. Local autonomy and territorial decentralisation in capital cities // Halduskultuur = Administrative culture. 9. [Tallinn], 2008. p. 60-83.

Macerinskiene, I., Railiene, G., Rajangu, V. Evaluation of business finance accessibility by demand-side indicators // 5th International Scientific Conference : Business and Management' 2008 : conference proceedings. Vilnius : Technika, 2008. p. 83-84. Full paper on enclosed CD-ROM.

Macerinskiene, I., Railiene, G., Rajangu, V. Evaluation of business finance accessibility by demand-side indicators // 5th International Scientific Conference : Business and Management' 2008 : May 16–17, 2008, Vilnius, Lithuania : selected papers. Vilnius : Technika, 2008. p. 169-175.

Mäeltsemees, S., Lõhmus, M. Economic problems in the municipalities of the capital city area // Statistikas zinatnisko petijumu rezultati 2008 : zinatniskie raksti = The results of statistical scientific research 2008 : research papers. Riga, 2008. p. 192-204.

Mäeltsemees, S., Lõhmus, M. Pealinna regiooni kohaliku omavalitsuse üksuste majandusprobleeme (Tallinna näitel) // Eesti majanduspoliitilised väitlused. XVI. Tallinn : Mattimar, 2008. p. 43-47. CD-ROMil artikkel inglise k.

Mäeltsemees, S., Madise, Ü., Vinkel, P. Dimensions of administrative culture in Estonia // The European dimension of administrative culture. Baden-Baden : Nomos, 2008. p. 144-159. (Schriftenreihe der Deutschen Sektion des Internationalen Instituts für Verwaltungswissenschaften ; Band 33).

Mäeltsemees, S., Sepp, T., Lõhmus, M. Tallinn – relations with the state and co-operation between the region // 5th international city administration conference : Annual Conference of the Union of Capitals of the European Union : Tallinn, 27–28 September 2007. Tallinn : TUT Press, 2008. p. 11-51.

* Mäeltsemees, S. The capital city in the local self government system in Central and Eastern European and Caucasus Countries [Electronic resource] // Public policy and administration : challenges and synergies : The 16th NISPAcee Annual Conference "Public Policy and Administration : Challenges and Synergies" : Bratislava, May 15–17, 2008. [S.l.] : NISPA, 2008. [12] p.

Mägi, V., Valmas, A. D.Eng. Walter Rand, interdisciplinary researcher and diversity investigator // Nova Miscellanea Historiae Scientiarum Baltica - 50 : abstracts and programme of the 23rd International Baltic Conference on the History of Science (Riga, 9–10 October, 2008). Riga : RTU Publishing House, 2008. p. 30-31.

Mägi, V. Eesti inseneri mõttemaailmast aastatel 1920–1930 // Haridus (2008) 9/10, lk. 9-12.

Mägi, V. Eestlased Riias inseneriteadusi õppimas // Eestlased Lätis. II raamat. Tallinn : Välis-Eesti, 2008. lk. 43-47.

Mägi, V. Technology created through cooperation of engineers and researchers // Nova Miscellanea Historiae Scientiarum Baltica – 50 : abstracts and programme of the 23rd International Baltic Conference on the History of Science (Riga, 9–10 October, 2008). Riga : RTU Publishing House, 2008. p. 83-84.

Näpinen, L. Kas loodus on mõistetav matemaatikast lähtudes? Aristoteleslik versus Platonlik maailmakäsitus [Elektroniline teavik] // Eesti filosoofia IV aastakonverents 2008 : Eesti filosoofia juured, võrsed ja õied. Tartu, 2008. [1] lk. Leitav: <http://www.fl.ut.ee/335145>.

Näpinen, L. Mõistuse suutlikkuse piiridest // Studia Philosophica Estonica [Võrguteavik]. 1 (2008) 3, p. 81-92.

Näpinen, L. The problem of application of mathematics to the understanding of nature // Nova Miscellanea Historiae Scientiarum Baltica – 50 : abstracts and programme of the 23rd International Baltic Conference on the History of Science (Riga, 9–10 October, 2008). Riga : RTU Publishing House, 2008. p. 30.

Perez, C. Respecialize to lift all boats : a primer on the global redistribution of market segments // Thoughtleaders (2008) 1, p. 9-12.

Pruulmann-Vengerfeldt, P., Kalvet, T. Digital stratification in Estonia : users and non-users of the Internet // Baltic IT&T review (2008) 2.

* Randma-Liiv, T., Liiv, D., Lepp, Ü. Institutionalising relationships between government and the third sector // The third sector in Europe : prospects and challenges. London : Routledge, 2008. p. 256-275.

Saal, T. Die Delphi-Methode und ihre Anwendungsmöglichkeiten in Estland beim Prognostizieren des Hochschulbildungsbedarfs // Eesti majanduspoliitilised väitlused. XVI. Tallinn : Mattimar, 2008. lk. 75-79. CD-ROMil artikkel eesti k.

* Sadler, C., Kalvet, T. Informacios tarsadalmi ismeretek tanulasa a gyakorlatban // Informacios Tarsadalom. 8 (2008) 3, p. 126-136.

* Selg, P., Ventsel, A. Semiootilise hegemooniateooria suunas // Kohane ja kohatu semiootika : 28.–30. november 2008, Tartu. Tartu : Eesti Semiootika Selts, 2008.

Selg, P., Ventsel, A. Towards a semiotic theory of hegemony : naming as hegemonic operation in Lotman and Laclau // Sign systems studies = Töid märgisüsteemide alalt. 36 (2008) 1, p. 167-183.

* Selg, P., Ventsel, A. Towards a semiotic model of hegemony // Integration und Explosion : Perspektiven auf die Kultursemiotik Jurij Lotmans : Universität Konstanz, 23–25 October, 2008.

Teichmann, M., Kübarsepp, J., Ilvest, J. Students' self-management : e-course, e-tutoring and online support system // Innovative techniques in instruction technology, e-learning, e-assessment, and education. [S.l.] : Springer, c2008. p. 304-308.

Teichmann, M., Kübarsepp, J. Students preparation for, and coping with, tertiary level science and engineering education // The need for a paradigm shift in science education for post-soviet societies : research and practice (Estonian example). Frankfurt am Main : Lang, 2008. p. 184-198.

Teichmann, M. Inseneride tööstress ületab juhtide oma // Inseneeria (2008) 4, lk. 36-38.

Tiits, M., Kattel, R., Kalvet, T., Tamm, D. Catching up, forging ahead or falling behind? Central & Eastern European development in 1990–2005 // Innovation : the European journal of social science research. 12 (2008) 1, p. 65-85.

Vallimäe, T., Selg, P. Liberalistlik sissejuhatus poliitilisse filosoofiasse // Akadeemia (2008) 5, lk. 1114-1126.

* Vanhaverbeke, W., De Jong, J., Kalvet, T., Chesbrough, H. Policies for open innovation : theory and framework // Proceedings of the 1st International Society for Professional Innovation Management (ISPIM) Innovation Symposium : Singapore, 14–17 December 2008. [S.l.], 2008.

Voltri, A. Kehaline kasvatus ülikoolis kui vabaaine // Sporditäht (2008) lk. 46-47.

INFOTEHNOLOOGIA TEADUSKOND

Raamatud

Buldas, A., Laud, P., Villemson, J. Graafid. 2., parand. ja täiend. tr. Tartu : Tartu Ülikooli kirjastus, 2008. 111 lk.

Eessaar, E. Andmebaaside projekteerimine. Tallinn : TTÜ kirjastus, 2008. 349 lk.

Ernits, J.-P. Two state space reduction techniques for explicit state model checking. Tallinn : TUT Press, 2007. 123 p. (Theses of Tallinn University of Technology. C, Thesis on informatics and system engineering ; 38).

Haav, H.-M., Kalja, A. (eds.). Databases and information systems : proceedings of the Eighth International Baltic Conference, Baltic DB&IS 2008 : Tallinn, June 2–5, 2008. Tallinn : Tallinn University of Technology Press, 2008. 430 p.

Jenihhin, M. Simulation-based hardware verification with high-level decision diagrams. Tallinn : TUT Press, 2008. 137 p. (Theses of Tallinn University of Technology. C, Thesis on informatics and system engineering ; 42).

Jürgenson, R. Infotööluse kateeder : lugu ühe kateedri sünnist, arengust ja instituudiks kasvamisest. [Tallinn] : TTÜ kirjastus, c2008. 219 lk.

Kallis, A., Luczkowski, T. jt. (koost.). A ja O taskuteatmik : miljon fakti 2009. 8., täiend. ja parand. tr. [Tallinn] : Eesti Entsüklopeediakirjastus, c2008. 559 lk.

Liiv, I. Pattern discovery using seriation and matrix reordering : a unified view, extensions and an application to inventory management. Tallinn : TUT Press, 2008. 123 p. (Theses of Tallinn University of Technology. C, Thesis on informatics and system engineering ; 39).

Mõtus, L., Varlamova, G. (comp.). Estonian Academy of Sciences year book 2007. Tallinn : Eesti Teaduste Akadeemia, 2008. 159, [2] p.

Mõtus, L., Varlamova, G. (koost.). Eesti Teaduste Akadeemia aastaraamat 2007. Tallinn, 2008. 213, [1] lk.

Pokatilov, A. Development of national standard for voltage unit based on solid-state references. Tallinn : TUT Press, 2008. 69 p. (Theses of Tallinn University of Technology. C, Thesis on informatics and system engineering ; 40).

Zakrevskij, A., Pottosin, Yu., Cheremisinova, L ; (ed.) Keevallik, A. Combinatorial algorithms of discrete mathematics. [Tallinn] : TUT Press, 2008. 192 p.

Trump, T. Adaptiivsed filtrid ning nende rakendused sidesüsteemides. Tallinn : TTÜ kirjastus, 2008. 100 lk.

Tšahhиров, I. Security protocols analysis in the computational model – dependency flow graphs-based approach. Tallinn : TUT Press, 2008. 204 p. (Theses of Tallinn University of Technology. C, Thesis on informatics and system engineering ; 44).

Uustalu, T., Vain, J., Ernits, J.-P. 20th Nordic Workshop on Programming Theory : NWPT 2008 : Tallinn, Estonia, 19–21 November 2008 : abstracts. Tallinn : Institute of Cybernetics at Tallinn University of Technology, 2008. 106 p.

Artiklid

Aarna, A. Perspektiivid voogtöötuses // A & A (2008) 1, lk. 29-36.

Aleksejev, I., Raik, J., Jutman, A., Ubar, R.-J. A scalable static test set compaction method for sequential circuits // Proceedings of the 9th IEEE Latin-American Test Workshop : LATW2008 : February 17–20, 2008, Puebla, Mexico. [S.l., 2008]. p. 87-92.

Annus, P., Krivošei, A., Min, M., Parve, T. Excitation current source for bioimpedance measurement applications : analysis and design // I2MTC 2008 : IEEE International Instrumentation and Measurement Technology Conference : May 12–15, 2008, Victoria, Canada. [S.l.], 2008. p. 848-853.

Annus, P., Min, M., Ojarand, J. Optimized waveforms for synchronous signal processing // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kolmanda aastakonverentsi artiklite kogumik : 25.–26. aprill 2008, Voore külalistemaja. [Tallinn : TTÜ kirjastus], 2008. p. 51-54.

Annus, P., Min, M., Ojarand, J. Shortened square wave waveforms in synchronous signal processing // I2MTC 2008 : IEEE International Instrumentation and Measurement Technology Conference : May 12–15, 2008, Victoria, Canada. [S.l.], 2008. p. 1259-1262.

Annus, P. Mõtleivate asjade maailma poole // Keskkonnatehnika (2008) 8, lk. 8-10.

Arhipov, A., Ellervee, P. Applying FPGA partial reconfiguration for digital system simulation // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kolmanda aastakonverentsi artiklite kogumik : 25.–26. aprill 2008, Voore külalistemaja. [Tallinn : TTÜ kirjastus], 2008. p. 145-148.

* Astrov, I., Pedai, A. Enhancing situational awareness by means of hybrid adaptive neural control of vertical flight in unmanned helicopter [Electronic resource] // ICCAS 2008 CD-ROM proceedings : International Conference on Control, Automation and Systems 2008 (ICCAS 2008, Seoul, Korea, October 14–17, 2008). [Seoul], 2008. p. 329-332 [CD-ROM].

Astrov, I., Pedai, A. Enhancing situational awareness through neural regulation of take-off and landing manoeuvres in unmanned helicopter // Recent advances in computational intelligence, man-machine systems and cybernetics : proceedings of 7th WSEAS International Conference on Computational Intelligence, Man-machine Systems and

Cybernetics (CIMMACS'08) : Cairo, Egypt, December 29–31, 2008. [S.I.] : WSEAS, 2008. p. 29-34. Electrical and computer engineering series. A series of reference books and textbooks.

* Astrov, I., Pedai, A. Situational awareness based on neural control of an autonomous helicopter during hovering manoeuvres // Proceedings of 5th International Conference on Electrical and Computer Engineering (ICECE 2008) : Dhaka, Bangladesh, December 20–22, 2008. [S.I.] : IEEE, 2008. p. 857-860. Kättesaadav ka CD-ROMil.

* Astrov, I., Tatarly, S., Tatarly, S. Fingerprint recognition for varied degrees of image distortion using three-rate hybrid Kohonen neural network // Proceedings of 2008 International Conference on Audio, Language and Image Processing (ICALIP 2008 : Shanghai, China, July 7–9, 2008). 1. [S.I.], 2008. p. 363-369. Kättesaadav ka CD-ROMil.

* Belikov, J., Vassiljeva, K., Petlenkov, E., Nõmm, S. A novel Taylor series based approach for control computation in NN-ANARX structure based control of nonlinear systems // Proceedings of the 27th Chinese Control Conference : July 16–18, 2008, Kunming, Yunnan, China. 2. Kunming : Beihang University Press, 2008. p. 474-478.

Bengtsson, T., Kumar, S., Ubar, R.-J., Jutman, A., Peng, Z. Test methods for crosstalk-induced delay and glitch faults in network-on-chip interconnects implementing asynchronous communication protocols // IET computers & digital techniques. 2 (2008) 6, p. 445-460.

Birjukov, A. Applications of multi-resolution analysis for bioimpedance signal processing // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kolmanda aastakonverentsi artiklite kogumik : 25.–26. aprill 2008, Voore külalistemaja. [Tallinn : TTÜ kirjastus], 2008. p. 115-118.

Buldas, A., Jürgenson, A. Does secure time-stamping imply collision-free hash functions // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kolmanda aastakonverentsi artiklite kogumik : 25.–26. aprill 2008, Voore külalistemaja. [Tallinn : TTÜ kirjastus], 2008. p. 59-63.

* Cahill, B.P., Giannitsis, A.T., Land, R., Gastrock, G., Pliquett, U., Nacke, T., Min, M., Beckmann, D. Electrowetting as a tool for droplet actuation : electrode design and simulation // Tagungsband : Technische Systeme für die Lebenswissenschaften : 14.Heiligenstädter Kolloquium : Heiligenstadt (Germany), 22.9–24.9.2008, p. 433-442.

Cahill, B.P., Giannitsis, A.T., Land, R., Min, M. [et al.]. Optimization of electrowetting electrodes : analysis of the leakage current characteristics of various dielectric layers // BEC 2008 : 2008 International Biennial Baltic Electronics Conference : proceedings of the 11th Biennial Baltic Electronics Conference : October 6–8, 2008, Tallinn, Estonia. [Tallinn] : Tallinn University of Technology, 2008. p. 79-82.

Chepurov, A., Guglielmo, G. D., Raik, J., Ubar, R., Viilukas, T. [et al.]. Automatic generation of EFSMs and HLDDs for functional ATPG // BEC 2008 : 2008 International Biennial Baltic Electronics Conference : proceedings of the 11th Biennial Baltic Electronics Conference :

October 6–8, 2008, Tallinn, Estonia. [Tallinn] : Tallinn University of Technology, 2008. p. 143-146.

Devadze, S., Sudnitsõn, A. Software environment for synthesis of testable FSM through decomposition // 2008 26th International Conference on Microelectronics (MIEL 2008) : proceedings. New York : IEEE, 2008. p. 433-436.

Devadze, S., Sudnitsõn, A. Synthesis of testable FSM through decomposition // Info- ja kommunikatsiooni-tehnoloogia doktorikooli IKTDK kolmanda aastakonverentsi artiklite kogumik : 25.–26. aprill 2008, Voore külalistemaja. [Tallinn : TTÜ kirjastus], 2008. p. 101-104.

Eessaar, E., Soobik, M. On universal database design // Databases and information systems : proceedings of the Eighth International Baltic Conference, Baltic DB&IS 2008 : Tallinn, June 2–5, 2008. Tallinn : Tallinn University of Technology Press, 2008. p. 349-360.

Eessaar, E. On metamodel-based design of software metrics // Balancing agility and formalism in software engineering : second IFTP TC 2 Central and East European Conference on Software Engineering Techniques : CEE-SET 2007 : Poznan, Poland, October 10–12, 2007 : revised selected papers. [Berlin] : Springer, c2008. p. 40-54. (Lecture notes in computer science ; 5082).

Eessaar, E. On pattern-based database design and implementation // Proceedings : 6th ACIS International Conference on Software Engineering Research, Management and Applications : SERA 2008 : 20–22 August 2008, Prague, Czech Republic. Los Alamitos : IEEE, c2008. p. 235-242.

Eessaar, E. On translation-based design of UML profiles // Innovative techniques in instruction technology, e-learning, e-assessment, and education. [S.l.] : Springer, c2008. p. 144-149.

Eessaar, E. Towards a semiotic quality framework of software measures // ICEIS 2008 : proceedings of the Tenth International Conference on Enterprise Information Systems : Barcelona, Spain, June 12–16, 2008, p. 41-48.

Ellervee, P. Bottlenecks in hardware design and design automation [Electronic resource] : [slides] // Design and Test Technology for Dependable Hardware/Software Systems : DEDIS/DAAD Summer Academy : BTU Cottbus, Sept. 1st–12th, 2008. [S.l., 2008]. [24] p. [CD-ROM].

Ellervee, P. Digitaali disain – ideest realiseerimiseks // A & A (2008) 1, lk. 6-10.

Ernits, J., Kääramees, M., Raiend, K., Kull, A. Requirements-driven model-based testing of the IP Multimedia Subsystem // BEC 2008 : 2008 International Biennial Baltic Electronics Conference : proceedings of the 11th Biennial Baltic Electronics Conference : October 6–8, 2008, Tallinn, Estonia. [Tallinn] : Tallinn University of Technology, 2008. p. 203-206.

* Ernits, J., Veanes, M., Helander, J. Model-based testing of robots with NMmodel // TESTCOM/FATES 2008 : Tokyo, Japan, June 12–13, 2008 : short papers. Tokyo, 2008. p. 40-49.

Ernits, J.-P. Allveemaailma avastamas // Horisont (2008) 5, lk. 34-36.

Ernits, J. Robotivõistlus Ameerika moodi // Horisont (2008) 2, lk. 36-38.

* Ernits, M., Tammemäe, K. Environment for distance study of embedded system programming // AMIES : Kiel, 2008.

* Gavshin, Y., Kruusmaa, M. Comparative experiments on the emergence of safe behaviours // Towards Autonomous Robotic Systems 2008 : Edinburgh, 1–3 September 2008.

* Giannitsis, A.T., Cahill, B.P., Pliquett, U., Gastrock, G., Land, R., Nacke, T., Min, M., Beckmann, D. Improving coplanar electrodes for moving water droplets // Proceedings of the 1st European Conference on Microfluidics – Microfluidics 2008 : Bologna, Italy December 10-12, 2008, [10] p.

* Giannitsis, A.T., Cahill, B.P., Land, R., Gastrock, G., Pliquett, U., Nacke, T., Min, M., Beckmann, D. Chip design for microfluidic bioimpedance measurement // Tagungsband : Technische Systeme für die Lebenswissenschaften : 14. Heiligenstädter Kolloquium : Heiligenstadt (Germany), 22.9–24.9.2008, p. 423-432.

Gordon, B., Velmre, E. Infotehnoloogia teaduskond // Leiutajaid ja leiutisi Tallinna Tehnikaülikoolis 1922–2007. Tallinn : TTÜ kirjastus, 2008. lk. 34-47.

Gordon, R., Rätsep, I., Kink, A. Computer-simulation of impedance vector dynamics of intracardiac 4-electrode bio-impedance measurement // BEC 2008 : 2008 International Biennial Baltic Electronics Conference : proceedings of the 11th Biennial Baltic Electronics Conference : October 6–8, 2008, Tallinn, Estonia. [Tallinn] : Tallinn University of Technology, 2008. p. 257-260.

Govind, V., Raik, J., Ubar, R. DfT for application of external test patterns in a Network-on-a-Chip // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kolmanda aastakonverentsi artiklite kogumik : 25.–26. aprill 2008, Voore külalistemaja. [Tallinn : TTÜ kirjastus], 2008. p. 25-28.

* Govind, V., Raik, J. Design-for-testability for application of external test patterns in a NoC // 2nd Workshop on Diagnostic Services in Network-on-Chips – Test, Debug, and On-Line Monitoring, in conjunction with Design Automation Conference (DAC). Anaheim, 2008. [4] p.

Haav, H.-M., Kalja, A., Küngas, P., Luts, M. Semantilise koosvõime arhitektuur riigi infosüsteemis // A & A (2008) 6, lk. 32-42.

* Henno, J., Jaakkola, H. Game programming course – creative design and development // MIPRO 2008 : 31th International Convention on Information and Communication

Technology, Electronics and Microelectronics : May 26–30, Opatija, Croatia : proceedings. IV. Opatija, 2008. p. 86-88.

Henno, J., Jaakkola, H. Game programming course – creative design and development // International journal of emerging technologies in learning (IJET). 3 (2008) MIPRO2008, p. 14-17.

Henno, J. Emergence of language : hidden states and local environments // Information modelling and knowledge bases XIX. Amsterdam : IOS Press, 2008. p. 170-181.

Ivask, E., Raik, J., Ubar, R.-J. Web-based framework for parallel distributed test [Electronic resource] // 2008 IEEE Design and Diagnostics of Electronic Circuits and Systems : Bratislava, Slovakia, April 16–18, 2008. [S.l.] : IEEE, c2008. p. 271-274. [CD-ROM].

Ivask, E., Raik, J., Ubar, R.-J. Distributed approach for genetic test generation in the field of digital electronics // Intelligent Distributed Computing, Systems and Applications : proceedings of the 2nd International Symposium on Intelligent Distributed Computing : IDC 2008 : Catania, Italy, 2008. [S.l.] : Springer, 2008. p. 127-136. (Studies in computational intelligence ; 162).

* Jaakkola, H., Henno, J. Trends in software design education // MIPRO 2008 : 31th International Convention on Information and Communication Technology, Electronics and Microelectronics : May 26–30, Opatija, Croatia : proceedings. IV. Opatija, 2008. p. 89-93.

Jaanus, M. Arvuti videomakiks // Praktiline Arvutikasutaja (2008) 2, lk. 32-34.

Jaanus, M. Avermedia Volar GPS A805 // Praktiline Arvutikasutaja (2008) 12, lk. 73.

Jaanus, M. Ehitame "valedetektorit" // Praktiline Arvutikasutaja (2008) 10, lk. 64-65.

Jaanus, M. Ehitame arvutivõrgu testri // Praktiline Arvutikasutaja (2008) 9, lk. 64-65.

Jaanus, M. Heliefektid : inimese hääl // Praktiline Arvutikasutaja (2008) 8, lk. 16-17.

Jaanus, M. Heliefektid : operatiivautode hääled // Praktiline Arvutikasutaja (2008) 6, lk. 16-17.

Jaanus, M. Heliefektid : vestlus telefoni teel // Praktiline Arvutikasutaja (2007) 4, lk. 18.

Jaanus, M. Heliefektid : noodikorrektor // Praktiline Arvutikasutaja (2008) 1, lk. 22-23.

Jaanus, M. Helitöötlus kõigile : Audacity // Praktiline Arvutikasutaja (2008) 9, lk. 59.

Jaanus, M. Lõikame ja kleebime helilaineid // Praktiline Arvutikasutaja (2008) 10, lk. 58.

Jaanus, M. Olümpiamängud ja digi-TV // Praktiline Arvutikasutaja (2008) 8, lk. 36.

Jaanus, M. SAT-TV õpik // Praktiline Arvutikasutaja (2007) 4, lk. 40.

Jaanus, M. Sound Blaster X-Fi Titanium // Praktiline Arvutikasutaja (2008) 9, lk. 62.

Jaanus, M. Sülearvuti aku // Praktiline Arvutikasutaja (2008) 1, lk. 32-35.

Jaanus, M. Terrateci XXS USB TV-tuuner // Praktiline Arvutikasutaja (2008) 10, lk. 61.

Jenihhin, M., Raik, J., Tšepurov, A., Ubar, R.-J. Temporally extended high-level decision diagrams for PSL assertions simulation // Proceedings : Thirteenth IEEE European Test Symposium : ETS 2008 : 25–29 May 2008, Verbania, Italy. Los Alamitos : IEEE Computer Society, 2008. p. 61-68.

Jenihhin, M., Raik, J., Tšepurov, A., Ubar, R.-J. PSL assertion checking with temporally extended high-level decision diagrams // Proceedings of the 9th IEEE Latin-American Test Workshop : LATW2008 : February 17–20, 2008, Puebla, Mexico. [S.l., 2008]. p. 49-54.

Jenihhin, M., Raik, J., Ubar, R., Tšepurov, A. On reusability of verification assertions for testing // BEC 2008 : 2008 International Biennial Baltic Electronics Conference : proceedings of the 11th Biennial Baltic Electronics Conference : October 6–8, 2008, Tallinn, Estonia. [Tallinn] : Tallinn University of Technology, 2008. p. 151-154.

Jenihhin, M., Raik, J. On reusability of verification assertions for testing // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kolmanda aastakonverentsi artiklite kogumik : 25.–26. aprill 2008, Voore külalistemaja. [Tallinn : TTÜ kirjastus], 2008. p. 43-46.

Jervan, G., Ellervee, P., Ubar, R. Keerukate arvutisüsteemide uurimine Tallinna Tehnikaülikoolis // Tallinna Tehnikaülikooli aastaraamat 2007. Tallinn : TTÜ kirjastus, c2008. lk. 42-60.

Jervan, G., Orasson, E., Kruus, H., Ubar, R.-J. Hybrid BIST optimization using reseeding and test set compaction // Microprocessors and microsystems. 32 (2008) 5/6, p. 254-262.

* Joasoon, E., Henno, J. Method to reduce CPU overhead in blob detection and tracking algorithms [Electronic resource] // 6th IEEE International Conference on Computational Cybernetics : Stara Lesna, Slovakkia, 27–29.11.2008. [S.l.] : IEEE, 2008. [CD-ROM].

Joasoon, E. Inimese ja infosüsteemi vahelise kommunikatsiooni parendamine kahe- ja kolmemõõtmeliste visuaalsete ja haptiliste liideste abil // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kolmanda aastakonverentsi artiklite kogumik : 25.–26. aprill 2008, Voore külalistemaja. [Tallinn : TTÜ kirjastus], 2008. lk. 151-154.

Jutman, A., Aleksejev, I., Raik, J., Ubar, R.-J. Reseeding using compaction of pre-generated LFSR sequences // ICECS 2008 : The 15th IEEE International Conference on Electronics, Circuits and Systems : 31st August to 3rd September 2008, Malta : conference guide. [S.l., 2008]. p. 215.

Jutman, A., Aleksejev, I., Raik, J., Ubar, R.-J. Reseeding using compaction of pre-generated LFSR sub-sequences // ICECS 2008 : The 15th IEEE International Conference on Electronics, Circuits and Systems : Malta. [S.l.] : IEEE, 2008. p. 1290-1295.

Jutman, A., Tšertov, A., Ubar, R. Calculation of LFSR seed and polynomial pair for BIST applications // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kolmanda aastakonverentsi artiklite kogumik : 25.–26. aprill 2008, Voore külalistemaja. [Tallinn : TTÜ kirjastus], 2008. p. 105-108.

Jutman, A., Tšertov, A., Ubar, R.-J. Calculation of LFSR seed and polynomial pair for BIST applications [Electronic resource] // 2008 IEEE Design and Diagnostics of Electronic Circuits and Systems : Bratislava, Slovakia, April 16–18, 2008. [S.l.] : IEEE, c2008. p. 275-279. [CD-ROM].

Kalja, A. The X-road : a key interoperability component within the state information system // Information technology in public administration of Estonia : yearbook 2007. Tallinn : Ministry of Economic Affairs and Communications, 2008. p. 19-22.

* Kangilaski, T. ICT and business alignment in virtual organization // 6th IEEE International Conference on Industrial Informatics (INDIN) : July 13–16, 2008 Daejeon, Korea. Daejeon : IEEE, 2008. p. 1251-1256.

* Kangilaski, T. Implementing EU directive 2003/54/EC for electricity market in Estonia // Proceedings of the IADIS International Conference Information Systems 2008 : Algarve, Portugal, April 9–11, 2008. Algarve : IADIS Press, 2008. p. 246-250.

Karpitšenko, A. Code generation and simulation of situation aware networked systems // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kolmanda aastakonverentsi artiklite kogumik : 25.–26. aprill 2008, Voore külalistemaja. [Tallinn : TTÜ kirjastus], 2008. p. 136-139.

Kasemaa, A., Annus, P. CMOS current source for shortened square wave waveforms // BEC 2008 : 2008 International Biennial Baltic Electronics Conference : proceedings of the 11th Biennial Baltic Electronics Conference : October 6–8, 2008, Tallinn, Estonia. [Tallinn] : Tallinn University of Technology, 2008. p. 119-120.

Keks, A., Viies, V. Is the scanning of computer networks dangerous? // Databases and information systems : proceedings of the Eighth International Baltic Conference, Baltic DB&IS 2008 : Tallinn, June 2–5, 2008. Tallinn : Tallinn University of Technology Press, 2008. p. 391-398.

* Kimlaychuk, V. Integrating Oracle enterprise service bus with JADE agents // IEEE 6th International Conference on Computational Cybernetics : November 27–29, 2008. [S.l.] : IEEE, 2008. p. 59-61.

* Kimlaychuk, V. SOA integration aspects for large companies // Proceedings of the IADIS International Conference Information Systems 2008 : Algarve, Portugal, April 9–11, 2008. Algarve : IADIS Press, 2008.

Korolkov, O., Sleptsuk, N., Sitnikova, A., Rang, T. Electron microscopy study of contact layers in n-type 4H-SiC after diffusion welding // BEC 2008 : 2008 International Biennial Baltic Electronics Conference : proceedings of the 11th Biennial Baltic Electronics Conference : October 6–8, 2008, Tallinn, Estonia. [Tallinn] : Tallinn University of Technology, 2008. p. 91-94.

Kostin, S. Embedded diagnosis in digital systems // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kolmanda aastakonverentsi artiklite kogumik : 25.–26. aprill 2008, Voore külalistemaja. [Tallinn : TTÜ kirjastus], 2008. p. 81-84.

Krivenko, A., Ubar, R., Raik, J., Kruus, M. New technique for hierarchical identification of untestable faults in sequential circuits // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kolmanda aastakonverentsi artiklite kogumik : 25.–26. aprill 2008, Voore külalistemaja. [Tallinn : TTÜ kirjastus], 2008. lk. 155-158.

Krivošei, A., Kukk, V., Birjukov, A. Bio-Impedance Signal Decomposer (BISD) as an adaptive signal model based separator of cardiac and respiratory components // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kolmanda aastakonverentsi artiklite kogumik : 25.–26. aprill 2008, Voore külalistemaja. [Tallinn : TTÜ kirjastus], 2008. p. 29-32.

Krivošei, A., Kukk, V., Min, M. Decomposition method of an electrical bio-impedance signal into cardiac and respiratory components // Physiological measurement. 29 (2008) 6, p. S15-S25.

* Krivošei, A., Kukk, V., Min, M. An adaptively tunable model of the cardiac signal for the bio-impedance signal decomposer (BISD) // MeMeA 2008 : IEEE International Workshop on Medical Measurements and Applications : 9–10 May 2008, Ottawa, Ontario, Canada. [S.l.] : IEEE, 2008. p. 49-52.

Kruus, H., Jervan, G., Ubar, R. Using Tabu Search for optimization of memory-constrained hybrid BIST // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kolmanda aastakonverentsi artiklite kogumik : 25.–26. aprill 2008, Voore külalistemaja. [Tallinn : TTÜ kirjastus], 2008. p. 85-88.

Kruus, H., Jervan, G., Ubar, R. Using Tabu Search for optimization of memory-constrained hybrid BIST // BEC 2008 : 2008 International Biennial Baltic Electronics Conference : proceedings of the 11th Biennial Baltic Electronics Conference : October 6–8, 2008, Tallinn, Estonia. [Tallinn] : Tallinn University of Technology, 2008. p. 155-158.

* Kruus, M., Viies, V., Sudnitsõn, A. Professional standards and curricula of doctoral education in computer engineering // 35th International Conference on Information Technologies in Science, Education, Telecommunication, Business (IT+SE'2008) : Yalta-Gurzuf, Ukraine, 2008. Moscow, 2008. p. 302-303.

Kruusmaa, M., Hunt, A., Punning, A., Anton, M., Aabloo, A. A linked manipulator with ion-polymer metal composite (IPMC) joints for soft- and micromanipulation // 2008 IEEE International Conference on Robotics and Automation : Pasadena, CA, 19–23 May 2008. Vols. 1-9. New York : IEEE, 2008. p. 3588-3593.

Kruusmaa, M. Biorobotika : hetkeseis ja arengusuunad : avalik loeng 14. mail 2007 TTÜs // Tallinna Tehnikaülikooli aastaraamat 2007. Tallinn : TTÜ kirjastus, c2008. lk. 332-334.

Kumlander, D. An extended comparison of the best known algorithms for finding the unweighted maximum clique // Modelling, computation and optimization in information systems and management sciences. Berlin : Springer, 2008. p. 175-181. (Communications in computer and information science ; 14).

* Kumlander, D. Balancing supporting software development by dedicated infrastructure elements // Proceedings of the IASTED Conference on Software Engineering as part of the 26th IASTED International Multi-Conference on Applied Informatics : Innsbruck, Austria, February 12–14, 2008. [Calgary] : ACTA Press, 2008. p. 243-248.

* Kumlander, D. Bridging uncertainties gaps in software development projects // ICEIS 2008 : proceedings of the Tenth International Conference on Enterprise Information Systems. Vol ISAS-2, Information systems analysis and specification. Vol. 2. Setubal : INSTICC, 2008. p. 240-245.

Kumlander, D. NP-hard graph problems' algorithms testing guidelines : artificial intelligence principles and testing as a service // Innovative techniques in instruction technology, e-learning, e-assessment, and education. [S.l.] : Springer, c2008. p. 112-116.

Kumlander, D. NP-hard graph problems' algorithms testing guidelines : artificial intelligence principles and testing as a service // Advances in computer and information sciences and engineering. Berlin : Springer, 2008. p. 114-118.

Kumlander, D. On importance of a special sorting in the maximum-weight clique algorithm based on colour classes // Modelling, computation and optimization in information systems and management sciences. Berlin : Springer, 2008. p. 165-174. (Communications in computer and information science ; 14).

* Kumlander, D. Real-time systems : incomplete solution approach for the maximum-weight clique problem // Proceedings of the IASTED International Conference on Artificial Intelligence and Applications : Innsbruck, Austria, February 11–13, 2008. [Calgary] : ACTA Press, 2008. p. 140-145.

Kurel, R., Rang, T., Rang, G., Kasemaa, A. Charge carrier transport in SiC Schottky interfaces : shape factor approach // BEC 2008 : 2008 International Biennial Baltic Electronics Conference : proceedings of the 11th Biennial Baltic Electronics Conference : October 6–8, 2008, Tallinn, Estonia. [Tallinn] : Tallinn University of Technology, 2008. p. 87-90.

Kuusik, A. Smart house // Integrated systems and design : interstudy, May 9, 2008. [S.I.] : Kauno technologijos universitetas, 2008. p. 65-72.

Kuusik, R., Lind, G. Algorithm MONSA for all closed sets finding : basic concepts and new pruning techniques // WSEAS transactions on information science and applications. 5 (2008) 5, p. 599-611.

Laidvee, A. Mobiilne sidesüsteem LTE // A & A (2008) 2, lk. 17-33.

Leis, P. CERT Resiliency Engineering Framework // A & A (2008) 5, lk. 3-5.

Leis, P. Information Security Management Maturity Model // A & A (2008) 2, lk. 3-4.

Leis, P. Strateegilised tehnoloogiad aastal 2008 // A & A (2008) 3, lk. 3-4.

Leis, P. Toimetajalt : [10 aastat ajakirja A & A] // A & A (2008) 1, lk. 3-5.

Leis, P. Uue aastatuhande tudengitest // A & A (2008) 4, lk. 3-4.

Liiv, I. Evaluation of matrix seriation algorithms // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kolmanda aastakonverentsi artiklite kogumik : 25.–26. aprill 2008, Voore külalistemaja. [Tallinn : TTÜ kirjastus], 2008. p. 33-34.

Lind, G., Kuusik, R. New developments for determinacy analysis : clique-based approach // WSEAS transactions on information science and applications. 5 (2008) 10, p. 1458-1469.

* Lind, G., Kuusik, R. Some problems in determinacy analysis approaches development // Proceedings of the 2008 International Conference on Data Mining (DMIN 2008) : Las Vegas, Nevada, USA, July 14–17, 2008. I. [S.I.] : CSREA Press, 2008. p. 102-108.

Lints, T. Defining adaptivity // Thirteenth Estonian Winter School in Computer Science (EWSCS'08) : Park Hotel Palmse, Lahemaa, Estonia : March 2–7, 2008. [S.I., 2008]. [1] p.

* Lints, T. FlockHeadz: virtual flock in a room used as a controller // IEEE Swarm Intelligence Symposium 2008 (SIS2008) : 21–23 September 2008, St.Louis, MO, USA. [S.I.] : IEEE, 2008.

* Lints, T. Let AI learn from Web 2.0 Tag co-occurrence based text categorization as an example // Proceedings of the Twelfth IASTED International Conference on Artificial Intelligence and Soft Computing 2008 : September 1–3, Palma de Mallorca, Spain. [S.I.] : ACTA Press, 2008.

Lints, T. What is adaptation? // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kolmanda aastakonverentsi artiklite kogumik : 25.–26. aprill 2008, Voore külalistemaja. [Tallinn : TTÜ kirjastus], 2008. p. 133-135.

Listak, M., Kruusmaa, M. Biologically inspired semi-autonomous underwater robot // US/EU-Baltic International Symposium : Ocean Observations, Ecosystem-based Management &

Forecasting : May 27–29, 2008, Tallinn, Estonia : book of abstracts. [Tallinn : TUT Press], 2008. p. 89.

Lossmann, E., Madar, U., Raja, A., Meister, A. Some fading-related problems at shortwave propagation path in the Baltics // Elektronika ir elektrotehnika = Electronics and electrical engineering (2008) 5, p. 57-60.

* Lu, B., Sterling, L., Taveter, K. Supporting evolving multi-agent systems with a system evolution directory // Proceedings of the 19th Australian Software Engineering Conference (ASWEC 2008) : Perth, Western Australia, March 26–28, 2008. [S.I.] : IEEE Computer Society Press, 2008. p. 180-189.

Luczkowski, T. 15 pikka aastat // Tehnikamaailm (2008) 7, lk. 66-68.

Luczkowski, T. De Havilland Kanadast // Tehnikamaailm (2008) 3, lk. 88-90.

Luczkowski, T. Järgmisel aastal uus põlvkond // Tehnikamaailm (2008) 7, lk. 80-81.

Luczkowski, T. Lennuslaalom // Tehnikamaailm (2008) 11, lk. 90-93.

Luczkowski, T. Ohutu lennuki otsinguil // Tehnikamaailm (2008) 12, lk. 88-90, 93.

Luczkowski, T. Vaiksem, puhtam, rohelisem // Tehnikamaailm (2008) 10, lk. 68-70.

Luts, M., Haav, H.-M., Küngas, P., Vallner, U., Kalja, A., Arula, K. The Estonian semantic interoperability initiative in public sector // Databases and information systems : proceedings of the Eighth International Baltic Conference, Baltic DB&IS 2008 : Tallinn, June 2–5, 2008. Tallinn : Tallinn University of Technology Press, 2008. p. 103-113.

Luts, M. The Estonian semantic interoperability initiative in public sector // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kolmanda aastakonverentsi artiklite kogumik : 25.–26. aprill 2008, Voore külalistemaja. [Tallinn : TTÜ kirjastus], 2008. p. 47-50.

Luts, M. Tähenduse refleksioonist kuuetuhande alt // A & A (2008) 6, lk. 3-4.

Matsak, E. Assessment of knowledge and understanding with artificial intelligence methods // IMETI 2008 : International Multi-Conference on Engineering and Technological Innovation : proceedings. Vol. 1. Orlando : Int. Inst. Informatics & Systemics, 2008. p. 256-261.

* Matsak, E. Improved version of the natural language dialog system DST and its application for discovery of logical constructions in children's speech // The 2008 International Conference on Artificial Intelligence : ICAI 2008 : Las Vegas, Nevada, USA (June 14–17, 2008). [S.I.] : CSREA Press, 2008. p. 332-338.

Meister, A., Ruuben, T. Some signal processing aspects in software defined radios // Elektronika ir elektrotehnika = Electronics and electrical engineering (2008) 4, p. 97-100.

Meister, A. Ühekülgriba eraldamise tehnikast // A & A (2008) 2, lk. 34-37.

Mellik, A., Raik, J. An XML-based test development and deployment framework for mixed-signal and digital devices // 2008 IEEE AUTOTESTCON. Vols. 1 and 2. New York : IEEE, 2008. p. 193-196.

Mellik, A., Raik, J. Test development and deployment tool-set for mixed-signal and digital devices // BEC 2008 : 2008 International Biennial Baltic Electronics Conference : proceedings of the 11th Biennial Baltic Electronics Conference : October 6–8, 2008, Tallinn, Estonia. [Tallinn] : Tallinn University of Technology, 2008. p. 163-166.

Mellik, A. An XML-based test development and deployment framework for mixed-signal and digital devices // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kolmanda aastakonverentsi artiklite kogumik : 25.–26. aprill 2008, Voore külalistemaja. [Tallinn : TTÜ kirjastus], 2008. p. 140-141.

Mihhailov, D., Kruus, M., Sudnitsõn, A. FPGA platform based digital design education // International Conference on Computer Systems and Technologies – CompSysTech'2008 : Gabrovo, Bulgaria, p. IV.4-1–IV.4-6.

Miidla, P., Rannat, K., Uba, P. Tomographic approach for tropospheric water vapor detection // Computational methods in applied mathematics. 8 (2008) 3, p. 263-278.

Miidla, P., Rannat, K., Uba, P. Simulated studies of water vapour tomography // WSEAS transactions on environment and development. 4 (2008) 3, p. 181-190.

* Miidla, P., Rannat, K. Thermohaline fields monitoring model // Applied and Computational Mathematics : proceedings of the 13th WSEAS International Conference on Applied Mathematics (MATH'08) : Puerto de la Cruz, Spain, December 15–17, 2008. [S.I.] : WSEAS Press, 2008. p. 188-192.

Min, M., Pliquett, U., Nacke, T., Barthel, A., Annus, P., Land, R. Broadband excitation for short-time impedance spectroscopy // Physiological measurement. 29 (2008) 6, p. S185-S192.

Minakova, K., Reinsalu, U., Tšepurov, A., Raik, J., Jenihhin, M., Ubar, R., Ellervee, P. High-Level Decision Diagram manipulations for code coverage analysis // BEC 2008 : 2008 International Biennial Baltic Electronics Conference : proceedings of the 11th Biennial Baltic Electronics Conference : October 6–8, 2008, Tallinn, Estonia. [Tallinn] : Tallinn University of Technology, 2008. p. 207-210.

* Mõtus, L., Meriste, M., Preden, J.-S. NNEC technologies focused on use by semi-autonomous groups // Proceedings : SCI-187 Symposium on Agility, Resilience and Control in NEC : Amsterdam, 27–29 May 2008. [S.I.] : North Atlantic Treaty Organization, 2008. [16] p.

Mõtus, L. Akadeemia 2006. a eelarve täitmine ja Akadeemia 2007. a eelarve // Eesti Teaduste Akadeemia aastaraamat 2007. Tallinn : Eesti Teaduste Akadeemia, 2008. lk. 72-74.

* Märtens, O., Min, M., Land, R., Liimets, A., Trampärk, H., Annus, P. TMS320F2811-based multi-frequency multi-channel bio-impedance measurement device // Proceedings of the 3rd European DSP Education and Research Symposium : EDERS 2008 : Tel Aviv, Israel, 18th June, p. 179-183.

Märtens, O. Simplified DFT with sorted accumulation of input samples // BEC 2008 : 2008 International Biennial Baltic Electronics Conference : proceedings of the 11th Biennial Baltic Electronics Conference : October 6–8, 2008, Tallinn, Estonia. [Tallinn] : Tallinn University of Technology, 2008. p. 329-332.

Mürsepp, I. Keskkonnasäästlik radar // Keskkonnatehnika (2008) 7, lk. 37-39.

Mürsepp, I. Software radar // Elektronika ir elektrotehnika = Electronics and electrical engineering (2008) 4, p. 59-62.

Nacke, T., Land, R., Barthel, A. et al. Process instrumentation for impedance spectroscopy – a modular concept // BEC 2008 : 2008 International Biennial Baltic Electronics Conference : proceedings of the 11th Biennial Baltic Electronics Conference : October 6–8, 2008, Tallinn, Estonia. [Tallinn] : Tallinn University of Technology, 2008. p. 235-238.

Nael, M. Agile software development with Scrum and ISO/IEC software quality standards // Databases and information systems : proceedings of the Eighth International Baltic Conference, Baltic DB&IS 2008 : Tallinn, June 2–5, 2008. Tallinn : Tallinn University of Technology Press, 2008. p. 427-430.

* Nõmm, S., Petlenkov, E., Vain, J., Belikov, J., Miyawaki, F., Yoshimitsu, K. Recognition of the surgeon's motions during endoscopic operation by statistics based algorithm and neural networks based ANARX models // Proceedings of the 17th World Congress The International Federation of Automatic Control : Seoul, Korea, July 6–11, 2008. [Seoul], 2008. p. 14773-14778.

Okun, O., Priisalu, H. Ensembles of nearest neighbors for gene expression based cancer classification // Supervised and unsupervised ensemble methods and their applications. Berlin : Springer, 2008. p. 115-134. (Studies in computational intelligence ; 126).

Okun, O., Priisalu, H. Ensembles of k-nearest neighbors and dimensionality reduction // 2008 IEEE International Joint Conference on Neural Networks. Vols 1-8. New York : IEEE, 2008. p. 2032-2039.

* Okun, O., Priisalu, H. Lowering uncertainty of cancer classification // Proceedings of the 12th International Conference on Information Processing and Management of Uncertainty in Knowledge-Based Systems : Malaga, Spain, June 22–27, 2008, p. 543-550.

Paavle, T., Min, M., Parve, T. Using of chirp excitation for bioimpedance estimation : theoretical aspects and modeling // BEC 2008 : 2008 International Biennial Baltic Electronics Conference : proceedings of the 11th Biennial Baltic Electronics Conference : October 6–8, 2008, Tallinn, Estonia. [Tallinn] : Tallinn University of Technology, 2008. p. 325-328.

Parve, T., Gordon, R., Min, M. Development of the biomedical electronics course for e-learning // 14th Nordic-Baltic Conference on Biomedical Engineering and Medical Physics : NBC2008 : 16–20 June 2008, Riga, Latvia. [S.l.] : Springer, 2008. p. 425-428.

Pedai, A., Astrov, I. Demand and supply chain simulation in telecommunication industry by multi-rate expert systems // Proceedings of World Academy of Science, Engineering and Technology. 31 (2008) p. 268-270.

* Pedai, A., Astrov, I. Demand and supply chain simulation in telecommunication industry by multi-rate expert systems [Electronic resource] // WCSET 2008 CD-ROM proceedings : 2008 World Congress on Science, Engineering and Technology (WCSET 2008, Prague, Czech Republic, July 25–27, 2008). [Prague], 2008. p. 268-270 [CD-ROM].

* Pedai, A., Astrov, I. Multi-rate expert systems in supply chain simulation for telecommunication industry [Electronic resource] // WiCOM 2008 CD-ROM proceedings : 4th International Conference on Wireless Communications, Networking and Mobile Computing (WiCOM 2008 : Dalian, China, October 12–17, 2008), [4] p. [CD-ROM].

Penjam, J. Elu võimalikkusest TTÜ katuse all : esimese kümne aasta kokkuvõte // Tallinna Tehnikaülikooli aastaraamat 2007. Tallinn : TTÜ kirjastus, c2008. lk. 25-30.

Penjam, J. Ivar-Heldur Petersen : 26.07.1929 – 09.08.2007 : [in memoriam] // Tallinna Tehnikaülikooli aastaraamat 2007. Tallinn : TTÜ kirjastus, c2008. lk. 433-435.

Petlenkov, E., Artemtšuk, I., Miyawaki, F., Yoshimitsu, K. Restricted connectivity neural network structure for organ recognition by analysis of endoscopic images during surgical operation // BEC 2008 : 2008 International Biennial Baltic Electronics Conference : proceedings of the 11th Biennial Baltic Electronics Conference : October 6–8, 2008, Tallinn, Estonia. [Tallinn] : Tallinn University of Technology, 2008. p. 261-264.

* Petlenkov, E., Belikov, J., Nõmm, S., Wyrwas, M. Dynamic output feedback linearization based adaptive control of nonlinear MIMO systems // The American Control Conference (ACC2008) : Seattle, Washington, USA, June 11–13, 2008. Washington : IEEE, 2008. p. 3446-3451.

Petlenkov, E., Jutman, A., Nõmm, S., Ubar, R. A novel artificial neural networks based automatic adaptive fault detection technique for analog circuits // BEC 2008 : 2008 International Biennial Baltic Electronics Conference : proceedings of the 11th Biennial Baltic Electronics Conference : October 6–8, 2008, Tallinn, Estonia. [Tallinn] : Tallinn University of Technology, 2008. p. 167-170.

Petlenkov, E., Jutman, A., Nõmm, S., Ubar, R.-J. Towards artificial intelligence based automatic adaptive response analyzer for high frequency analog BIST // CIMSA 2008 : IEEE International Conference on Computational Intelligence for Measurement Systems and Applications : Istanbul, Turkey, July 14–16, 2008. [S.l.] : IEEE, 2008. p. 99-104.

* Petlenkov, E., Nõmm, S., Vain, J., Miyawaki, F. Application of self organizing Kohonen Map to detection of surgeon motions during endoscopic surgery // 2008 International Joint Conference on Neural Networks (IJCNN2008), 2008 IEEE World Congress on Computational Intelligence (WCCI2008) : June 1–6, 2008, Hong Kong. Hong Kong, 2008. p. 2807-2812.

* Petlenkov, E. Model reference control of nonlinear systems by dynamic output feedback linearization of neural network based ANARX models // Proceedings of the 10th International Conference on Control Automation Robotics & Vision (ICARCV 2008) : Hanoi, Vietnam, December 17–20, 2008. [S.l.] : IEEE, 2008. p. 1119-1123.

Piho, G. A quantity : a simple example of software development with domain analysis // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kolmanda aastakonverentsi artiklite kogumik : 25.–26. aprill 2008, Voore külalistemaja. [Tallinn : TTÜ kirjastus], 2008. p. 73-76.

* Piho, G. Towards archetypes based domain model of clinical laboratory // Proceedings of Doctoral Symposium held in Conjunction with Formal Methods : May 26–30, 2008, Turku, Finland. Turku : Turku Centre for Computer Science, 2008. p. 33-42. (TUCS general publications ; 48).

* Plakk, T. Percometer – a capacitive probe instrument for soil dielectric constant and conductivity measurement and monitoring // International Conference on Metrology of Environmental, Food and Nutritional Measurements : 9.–12.09.2008, Budapest, Hungary. Budapest : IMEKO, 2008. p. 17-19.

Pleskacz, W.A., Jenihhin, M., Raik, J., Rakowski, M., Ubar, R.-J., Kuzmicz, W. Hierarchical analysis of short defects between metal lines in CMOS IC // Proceedings : 11th EUROMICRO Conference on Digital System Design : Architectures, Methods and Tools : (DSD 2008) : September 3–5, 2008, Parma, Italy. Los Alamitos : IEEE Computer Society, 2008. p. 729-734.

Pleskacz, W.A., Stopjakova, V., Borejko, T., Jutman, A., Walkanis, A. DefSim: a remote laboratory for studying physical defects in CMOS digital circuits // IEEE transactions on industrial electronics. 55 (2008) 6, p. 2405-2415.

Preden, J.-S. Situation awareness of computing agents // Thirteenth Estonian Winter School in Computer Science (EWSCS'08) : Park Hotel Palmse, Lahemaa, Estonia : March 2–7, 2008. [S. l., 2008]. [1] p.

Preden, J. Situation awareness of computing agents // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kolmanda aastakonverentsi artiklite kogumik : 25.–26. aprill 2008, Voore külalistemaja. [Tallinn : TTÜ kirjastus], 2008. p. 11-13.

Preden, J. Smart network // Integrated systems and design : interstudy, May 9, 2008. [S.I.] : Kauno technologijos universitetas, 2008. p. 47-53.

Pugal, D., Kasemägi, H., Kruusmaa, M., Aabloo, A. An advanced finite element model of IPMC // Electroactive Polymer Actuators and Devices (EAPAD) 2008. [S.I.] : SPIE, 2008. p. 692711. (Proceedings of SPIE ; 6927).

Põld, J., Kalja, A., Robal, T. A five step refactoring process : improving software design properly // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kolmanda aastakonverentsi artiklite kogumik : 25.–26. aprill 2008, Voore külalistemaja. [Tallinn : TTÜ kirjastus], 2008. p. 93-96.

Põld, J., Kalja, A., Robal, T. A five step refactoring process : improving software design properly // Databases and information systems : proceedings of the Eighth International Baltic Conference, Baltic DB&IS 2008 : Tallinn, June 2–5, 2008. Tallinn : Tallinn University of Technology Press, 2008. p. 37-48.

* Raik, J., Fujiwara, H., Krivenko, A. RT-level identification of potentially testable initialization faults // The Ninth IEEE Workshop on RTL and High Level Testing (WRTL 2008), Sapporo, Japan. Sapporo, 2008. [6] p.

Raik, J., Fujiwara, H., Ubar, R.-J., Krivenko, A. Untestable fault identification in sequential circuits using model-checking // Proceedings of the 17th Asian Test Symposium (ATS 2008). Los Alamitos : IEEE Computer Society Press, 2008. p. 21-26.

Raik, J., Reinsalu, U., Ubar, R.-J., Jenihhin, M., Ellervee, P. Code coverage analysis using high-level decision diagrams [Electronic resource] // 2008 IEEE Design and Diagnostics of Electronic Circuits and Systems : Bratislava, Slovakia, April 16–18, 2008. [S.I.] : IEEE, c2008. p. 201-207. [CD-ROM].

Raik, J., Ubar, R.-J., Viilukas, T., Jenihhin, M. Mixed hierarchical-functional fault models for targeting sequential cores // Journal of systems architecture. 54 (2008) 3/4, p. 465-477.

Raik, J. Mikroelektroonika kiipide testimise tarkvara turbo-tester : kommentaar Eesti Teaduste Akadeemia Bernhard Schmidti preemia pälvinud tööle // Tallinna Tehnikaülikooli aastaraamat 2007. Tallinn : TTÜ kirjastus, c2008. lk. 275-278.

Raik, J. SoC and NoC test technology [Electronic resource] : [PowerPoint presentation] // Design and Test Technology for Dependable Hardware/Software Systems : DEDIS/DAAD Summer Academy : BTU Cottbus, Sept. 1st–12th, 2008. [S.I., 2008]. [41] p. [CD-ROM].

Reinsalu, U., Arhipov, A., Ellervee, P. Architectural exploration tasks for on-chip embedded systems // BEC 2008 : 2008 International Biennial Baltic Electronics Conference : proceedings of the 11th Biennial Baltic Electronics Conference : October 6–8, 2008, Tallinn, Estonia. [Tallinn] : Tallinn University of Technology, 2008. p. 171-174.

Reinsalu, U., Devadze, S., Jutman, A., Tšertov, A., Ellervee, P. Hardware/Software co-design in practice : MEMOCODE'08 contest experience // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kolmanda aastakonverentsi artiklite kogumik : 25.–26. aprill 2008, Voore külalistemaja. [Tallinn : TTÜ kirjastus], 2008. p. 55-58.

* Riid, A., Rüstern, E. Fed-batch fermentation controller design with evolutionary computation // Proceedings of the 5th International Conference on Soft Computing as Transdisciplinary Science and Technology (CSTST 2008) : Cergy-Pontoise, Paris, France, 28–31 October, p. 371-377.

* Riid, A., Saastamoinen, K., Rüstern, E. Error-free simplification of transparent Mamdani systems. [S.l.] : IEEE, 2008. p. 2-8–2-13.

* Riid, A., Saastamoinen, K., Rüstern, E. Redundancy detection and removal in Mamdani Fuzzy Systems // Proceedings of the Eighth International Conference on Applications of Fuzzy Systems and Soft Computing : Helsinki, Finland, 1–3 September 2008. [S.l.] : b-Quadrat Verlag, 2008. p. 131-140.

Robal, T., Kalja, A. Evaluating Web systems on the basis of users' behavior modeling // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kolmanda aastakonverentsi artiklite kogumik : 25.–26. aprill 2008, Voore külalistemaja. [Tallinn : TTÜ kirjastus], 2008. p. 64-67.

Robal, T., Kalja, A. Evaluations for improving web systems on the basis of users behaviour modelling // Databases and information systems : proceedings of the Eighth International Baltic Conference, Baltic DB&IS 2008 : Tallinn, June 2–5, 2008. Tallinn : Tallinn University of Technology Press, 2008. p. 229-240.

Robal, T., Kalja, A. Making use of personalized web services in the study process // BEC 2008 : 2008 International Biennial Baltic Electronics Conference : proceedings of the 11th Biennial Baltic Electronics Conference : October 6–8, 2008, Tallinn, Estonia. [Tallinn] : Tallinn University of Technology, 2008. p. 211-212.

Ronk, A., Toomessoo, J. Synchronous primary signal processing for MIMO bio-impedance measurement on several frequencies // BEC 2008 : 2008 International Biennial Baltic Electronics Conference : proceedings of the 11th Biennial Baltic Electronics Conference : October 6–8, 2008, Tallinn, Estonia. [Tallinn] : Tallinn University of Technology, 2008. p. 313-316.

Roo, R., Ernits, J. Model-based testing of a web-based positioning application // 20th Nordic Workshop on Programming Theory : NWPT 2008 : Tallinn, Estonia, 19–21 November 2008 : abstracts. Tallinn : Institute of Cybernetics at Tallinn University of Technology, 2008. p. 75-77.

Roosmann, P., Võhandu, L., Kuusik, R., Treier, T., Lind, G. Monotone systems approach in inductive learning // International journal of applied mathematics and informatics. 2 (2008) 2, p. 47-56.

Roosmann, P., Vöhandu, L., Kuusik, R., Treier, T., Lind, G. A new inductive learning algorithm based on monotone system theory // Recent advances in applied computer science : proceedings of the 8th WSEAS International Conference on Applied Computer Science (ACS'08) : Venice, Italy, November 21–23, 2008. [S.l.] : WSEAS Press, 2008. p. 310-316. (Recent advances in computer engineering. A series of reference books and textbooks).

Ruuben, T., Derkatš, J. Some method of signal processing and beamforming in hydrographic applications // Elektronika ir elektrotehnika = Electronics and electrical engineering (2008) 6, p. 27-32.

Saar, T., Märtens, O. A DSP-based laser scanner // BEC 2008 : 2008 International Biennial Baltic Electronics Conference : proceedings of the 11th Biennial Baltic Electronics Conference : October 6–8, 2008, Tallinn, Estonia. [Tallinn] : Tallinn University of Technology, 2008. p. 345-348.

* Saastamoinen, K., Riid, A. S-type Lukasiewicz equivalences in medical data classification // Proceedings of the Eighth International Conference on Applications of Fuzzy Systems and Soft Computing : Helsinki, Finland, 1–3 September 2008. [S.l.] : b-Quadrat Verlag, 2008. p. 231-238.

* Saue, T., Kadaja, J., Plakk, T. Measurement of soil water content by percometer // 1st Global Workshop on High Resolution Digital Soil Sensing & Mapping : 5–8 February, Sydney : workshop programm & papers. 1. Sidney : International Union of Soil Sciences, 2008. p. 184-192.

* Serg, R., Helander, J. Using XML web services for embedded systems interoperability. World's smallest Web 2.0 server demo // Advances in Pervasive Computing : adjunct proceedings of the 6th International Conference on Pervasive Computing : Sydney, Australia. [S.l.] : Austrian Computer Society, 2008. p. 111-114.

Strik, S., Strik, V. Low quiescent current LDO with improved load transient // BEC 2008 : 2008 International Biennial Baltic Electronics Conference : proceedings of the 11th Biennial Baltic Electronics Conference : October 6–8, 2008, Tallinn, Estonia. [Tallinn] : Tallinn University of Technology, 2008. p. 127-130.

* Strik, S., Strik, V. Solutions for LDO load transient improvement // EE Times-India. [S.l.], 2008.

Zub, D., Eessaar, E. Pattern-based usability evaluation of e-learning systems // Innovative techniques in instruction technology, e-learning, e-assessment, and education. [S.l.] : Springer, c2008. p. 117-122.

Zub, D. General method for usability evaluation // Databases and information systems : proceedings of the Eighth International Baltic Conference, Baltic DB&IS 2008 : Tallinn, June 2–5, 2008. Tallinn : Tallinn University of Technology Press, 2008. p. 415-418.

Tagel, M., Jervan, G. System level design of dependable real-time Systems-on-Chip // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kolmanda aastakonverentsi artiklite kogumik : 25.–26. aprill 2008, Voore külalistemaja. [Tallinn : TTÜ kirjastus], 2008. p. 77-80.

Taklaja, A. Eesti Elektroonikaühing // Inseneeria (2008) 6, lk. 20.

Taklaja, A. Elektroonikasektor vajab kodumaiseid ettevõtteid // Inseneeria (2008) 3, lk. 24.

Taklaja, P., Annus, A., Oidram, R. The study of discharge characteristics of medium voltage overhead line insulators // 5th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology : Kuressaare, January 14–19, 2008. [Tallinn] : Department of Electrical Drives and Power Electronics, 2008. p. 24-27.

Tammemäe, K., Rokk, I. Eesti Infotehnoloogia Kolledž, versioon 2.0 // A & A (2008) 2, lk. 51-57.

Tammemäe, K. Second Life õppe- ja teaduskeskkonnana // A & A (2008) 5, lk. 27-34.

Tammet, T., Vain, J., Puusepp, A., Reilent, E., Kuusik, A. RFID-based communications for a self-organizing robot swarm // SASO 2008 : Second IEEE International Conference on Self-Adaptive and Self-Organizing Systems : 20–24 October, 2008, Venice, Italy : proceedings. Los Alamitos : IEEE Computer Society, 2008. p. 45-54.

Tammet, T. E-tiiger puurist välja // Tallinna Tehnikaülikooli aastaraamat 2007. Tallinn : TTÜ kirjastus, c2008. lk. 352-354.

* Taveter, K., Sterling, L. Agent-oriented software engineering // Encyclopedia of information science and technology, 2nd edition. 1. [S.l.] : Idea Group Reference, 2008. [6] p.

Taveter, K., Sterling, L. An expressway from agent-oriented models to prototypes // Agent-oriented software engineering VIII. Berlin : Springer, 2008. p. 147-163. (Lecture notes in computer science ; 4951).

Tepandi, J., Vassiljev, S. Conflict expansion in an information rich society : feasibility of corrective actions // Innovations and advances techniques in systems, computing sciences and software engineering. [S.l.] : Springer, 2008. p. 231-236.

Tepandi, J. Co-operation in the field of information security // Information technology in public administration of Estonia : yearbook 2007. Tallinn : Ministry of Economic Affairs and Communications, 2008. p. 16-18.

Tepandi, J. Keep faith in ambient intelligence // Communications of the ACM. 51 (2008) 5, p. 11.

Toom, A., Näks, T. Model transformations in the Gene-Auto Automatic Code Generation // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kolmanda aastakonverentsi artiklite kogumik : 25.–26. aprill 2008, Voore külalistemaja. [Tallinn : TTÜ kirjastus], 2008. p. 126-129.

* Toom, A., Näks, T., Pantel, M., Gandriau, M., Wati, I. Gene-auto : an automatic code generator for a safe subset of Simulink/Stateflow and Scicos // Embedded Real Time Software : ERTS 2008 : Toulouse, France.

Toom, A. Automatic code generation for safety critical embedded systems: developments in the Gene-Auto project // Thirteenth Estonian Winter School in Computer Science (EWSCS'08) : Park Hotel Palmse, Lahemaa, Estonia : March 2–7, 2008. [S.l., 2008]. [1] p.

Toomsalu, A. Autonoomsed andmelogid // A & A (2008) 1, lk. 11-28.

Toomsalu, A. Esimene üldkasutatav mikrokontrollerkiip TMS 1000 // A & A (2008) 2, lk. 9-16.

Toomsalu, A. Prootonmälu // A & A (2008) 5, lk. 8-15.

Toomsalu, A. Z-RAM-mälu // A & A (2008) 3, lk. 10-19.

Torim, A., Lindroos, K. Sorting concepts by priority using the theory of monotone systems // Conceptual structures : knowledge visualization and reasoning. Berlin : Springer, 2008. p. 175-188. (Lecture notes in computer science ; 5113).

Torim, A. MONOCLE method for knowledge discovery // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kolmanda aastakonverentsi artiklite kogumik : 25.–26. aprill 2008, Voore külalistemaja. [Tallinn : TTÜ kirjastus], 2008. p. 111-114.

* Trump, T. Detection of echo generated in mobile phones using pitch distance // Proceedings of 16th European Signal Processing Conference (EUSIPCO) : Lausanne, Switzerland, August 25–29, 2008.

Tšahhirov, I., Laud, P. Application of dependency graphs to security protocol analysis // Trustworthy global computing. Berlin : Springer, 2008. p. 294-311. (Lecture notes in computer science ; 4912).

Ubar, R., Kostin, S., Raik, J. Calculation of the diagnosability of digital circuits without using fault models // BEC 2008 : 2008 International Biennial Baltic Electronics Conference : proceedings of the 11th Biennial Baltic Electronics Conference : October 6–8, 2008, Tallinn, Estonia. [Tallinn] : Tallinn University of Technology, 2008. p. 159-162.

Ubar, R., Raik, J., Jutman, A., Jenihhin, M., Brik, M., Istenberg, M., Wuttke, H.-D. Diagnostic modeling of microprocessors with high-level decision diagrams // BEC 2008 : 2008 International Biennial Baltic Electronics Conference : proceedings of the 11th Biennial Baltic Electronics Conference : October 6–8, 2008, Tallinn, Estonia. [Tallinn] : Tallinn University of Technology, 2008. p. 147-150.

Ubar, R.-J., Devadze, S., Jenihhin, M., Raik, J., Jervan, G., Ellervee, P. Hierarchical calculation of malicious faults for evaluating the fault-tolerance // Proceedings : Fourth IEEE International Symposium on Electronic Design, Test and Applications : [DELTA 2008] : 23–25 January 2008, Hong Kong, SAR, China. Los Alamitos : IEEE Computer Society, 2008. p. 222-227.

Ubar, R.-J., Devadze, S., Raik, J., Jutman, A. Parallel fault backtracing for calculation of fault coverage // Proceedings of the ASP-DAC 2008 : [13th] Asia and South Pacific Design Automation Conference 2008 : January 21–24, 2008, COEX, Seoul, Korea. [S.l.], 2008. p. 667-672.

Ubar, R.-J., Kostin, S., Raik, J. Built-in self diagnosis with multiple signature analyzers in digital systems // Proceedings of the 9th IEEE Latin-American Test Workshop : LATW2008 : February 17–20, 2008, Puebla, Mexico. [S.l., 2008]. p. 29-34.

Ubar, R.-J., Kostin, S., Raik, J. Embedded diagnosis in digital systems // 2008 26th International Conference on Microelectronics : Niš, Serbia, 11–14 May 2008 : proceedings. Vol. 2. [S.l.], 2008. p. 421-424.

Ubar, R.-J., Kostin, S., Raik, J. Embedded fault diagnosis in digital systems with BIST // Microprocessors and microsystems. 32 (2008) 5/6, p. 279-287.

Ubar, R.-J., Raik, J., Jutman, A., Jenihhin, M., Istenberg, M., Wuttke, H.-D. Modeling microprocessor faults on high-level decision diagrams [Electronic resource] // DSN 2008 : supplemental : 2008 IEEE International Conference on Dependable Systems & Networks With FTCS & DCC (DSN) : June 24–27, 2008, Anchorage, Alaska. [S.l., 2008]. p. C17-C22. [CD-ROM].

Ubar, R.-J., Raik, J., Kruus, H., Lensen, H., Evertson, T. Diagnostic modelling of digital systems with binary and high-level decision diagrams // Progress in industrial mathematics at ECMI 2006. [S.l.] : Springer, 2008. p. 902-907. (Mathematics in industry ; 12).

Ubar, R.-J. Faults and fault models for integrated circuits and systems [Electronic resource] : [slides] // Design and Test Technology for Dependable Hardware/Software Systems : DEDIS/DAAD Summer Academy : BTU Cottbus, Sept. 1st–12th, 2008. [S.l., 2008]. [64] p. [CD-ROM].

Ubar, R. Teaduse mõõtmisest, hindamisest ja auhindamisest // Tallinna Tehnikaülikooli aastaraamat 2007. Tallinn : TTÜ kirjastus, c2008. lk. 17-24.

Udal, A., Kukk, V., Velmre, E., Klopov, M. Quantum mechanical transforms between χ - and κ -space as a signal processing problem // BEC 2008 : 2008 International Biennial Baltic Electronics Conference : proceedings of the 11th Biennial Baltic Electronics Conference : October 6–8, 2008, Tallinn, Estonia. [Tallinn] : Tallinn University of Technology, 2008. p. 71-74.

Uustalu, T. Arvutiteaduse tippkeskus panustab väliskoostöösse : [intervjuu] // Arvutimaailm (2008) 9, lk. 12.

Uustalu, T. Sisust ja mainest // A & A (2008) 4, lk. 5-7.

* Vain, J., Miyawaki, F. Model learning for reactive motion planning in assisting robots // Modelling, Identification and Control (MIC2008) : February 11–13, 2008, Innsbruck, Austria. [S.l.] : ACTA Press, 2008. p. 596-809.

Vain, J., Tammet, T., Kuusik, A., Juurik, S. Towards scalable proofs of robot swarm dependability // BEC 2008 : 2008 International Biennial Baltic Electronics Conference : proceedings of the 11th Biennial Baltic Electronics Conference : October 6–8, 2008, Tallinn, Estonia. [Tallinn] : Tallinn University of Technology, 2008. p. 199-202.

Vain, J., Tammet, T., Kuusik, A., Reilent, E. Software architecture for swarm mobile robots // BEC 2008 : 2008 International Biennial Baltic Electronics Conference : proceedings of the 11th Biennial Baltic Electronics Conference : October 6–8, 2008, Tallinn, Estonia. [Tallinn] : Tallinn University of Technology, 2008. p. 231-234.

Vain, J. Robot swarms // Integrated systems and design : interstudy, May 9, 2008. [S.l.] : Kauno technologijos universitetas, 2008. p. 54-64.

Velmre, E., Klopov, M., Udal, A. Modeling of a carbon nanotube junction with ab-initio software VASP // BEC 2008 : 2008 International Biennial Baltic Electronics Conference : proceedings of the 11th Biennial Baltic Electronics Conference : October 6–8, 2008, Tallinn, Estonia. [Tallinn] : Tallinn University of Technology, 2008. p. 75-78.

Velmre, E. Termoelektri avastaja Thomas Johann Seebeck // Tallinna Tehnikaülikooli aastaraamat 2007. Tallinn : TTÜ kirjastus, c2008. lk. 335-339.

Veski, A. Rongid, algoritmid ja andmestruktuurid // A & A (2008) 3, lk. 48-54.

Viilukas, T., Raik, J. Using constraint solver in Test Pattern Generation Tool // Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kolmanda aastakonverentsi artiklite kogumik : 25.–26. aprill 2008, Voore külalistemaja. [Tallinn : TTÜ kirjastus], 2008. p. 14-17.

Voitovitš, V., Rang, T., Rang, G., Pikkov, M. High performance GaAs power diodes // BEC 2008 : 2008 International Biennial Baltic Electronics Conference : proceedings of the 11th Biennial Baltic Electronics Conference : October 6–8, 2008, Tallinn, Estonia. [Tallinn] : Tallinn University of Technology, 2008. p. 111-114.

Võhandu, L., Sirts, K., Aab, E. Eesti silbisüsteemi struktuurist // Eesti Rakenduslingvistika Ühingu aastaraamat. 4. Tallinn : Eesti Keele Sihtasutus, 2008. lk. 263-269.

Võhandu, L. Graphs as effective models of the world // Baltic horizons. 8(107) (2007) December, p. 17-22.

Võhandu, L. Kompromissidest ja matemaatikast // A & A (2008) 2, lk. 38-43.

Võhandu, L. Leo Võhandu – Eesti bridži grand old man : [intervjuu] // Sporditäht (2008) 23. jaan., lk. 62-63.

Võhandu, L. Ministrikohad ja matemaatika // Tallinna Tehnikaülikooli aastaraamat 2007. Tallinn : TTÜ kirjastus, c2008. lk. 343-344.

Võhandu, L. Olulisest ja mitteolulisest // A & A (2008) 5, lk. 51-57.

Võhandu, L. Sport, informaatika ja NP-keerukus // A & A (2008) 3, lk. 55-62.

Õunapuu, E. Masinad õpivad mõtlema : [vestlus E.Õunapuuga] // Maatriks (2008) juuni, lk. 20-23.

KEEMIA- ja MATERJALITEHNOLOOGIA TEADUSKOND

Raamatud

Christjanson, P. Polümeeriteadus. Tallinn : TTÜ kirjastus, 2008. 279 lk.

Gorkunov, V. Calcium-aluminothermal production of niobium and utilization of wastes. Tallinn : TUT Press, 2008. 126 p. (Theses of Tallinn University of Technology. G, Thesis on chemistry and chemical engineering ; 21).

Hüvonen, D. Terahertz spectroscopy of low-dimensional spin systems. Tallinn : TUT Press, 2008. 123 p. (Theses of Tallinn University of Technology. B, Thesis on natural and exact sciences ; 74).

Jaansoo, S., Pitsi, T. (koost.). Menüüd ja retseptid lastele : juhendmaterjal toitlustajatele. 1. [Tallinn : Tervise Arengu Instituut], 2008. 266 lk.

Jaansoo, S., Pitsi, T. (koost.). Menüüd ja retseptid lastele : juhendmaterjal toitlustajatele. 2, Retseptid. [Tallinn : Tervise Arengu Instituut], 2008. 159 lk.

Järviste, R. The study of the changes of diesel fuel properties at its long term storage = Diislikütuste omaduste muutumise uurimine nende pikaajalisel hoiustamisel. Tallinn : TUT Press, 2008. 111 p. (Theses of Tallinn University of Technology. G, Thesis on chemistry and chemical engineering ; 19).

Kann, A., Veskus, T., Vokk, R., Laasik, M. Toiduhügieenikoolituse täiendmaterjalid. 3., parand. ja täiend. tr. Tallinn : TTÜ toiduainete instituut, 2008. 84 lk.

Kulik, N. The application of fenton-based processes for wastewater and soil treatment. Tallinn : TUT Press, 2008. 127 p. (Theses of Tallinn University of Technology. G, Thesis on chemistry and chemical engineering ; 18).

Liebert, T. Toitumine : müüdid ja tegelikkus. [Tallinn] : Adelante Koolitus, [2008]. 150 lk.

Maser, M., Kiisk, L., Oona, M., Sooba, E., Vaask, S., Vihalemm, T. (koost.). Eakate inimeste toitumine ja kehaline aktiivsus : toitumis- ja toidusoovitused. Tallinn : Tervise Arengu Instituut, 2008. 52 lk.

Reiska, R. (tlk.). Puitkonstruktsioonid. Nelinurkse ristlõikega tugevussorditud ehituspuit. Osa 1, Üldnõuded. [Tallinn] : Eesti Standardikeskus, 2008. II, 27 lk. (Eesti standard ; EVS-EN 14081-1:2006).

Reiska, R. (tlk.). Puitkonstruktsioonid. Nelinurkse ristlõikega tugevussorditud ehituspuit. Osa 2, Masinsortimine. [Tallinn] : Eesti Standardikeskus, 2008. II, 27 lk. (Eesti standard ; EVS-EN 14081-2:2006).

Reiska, R. (tlk.). Puitkonstruktsioonid. Nelinurkse ristlõikega tugevussorditud ehituspuit. Osa 3, Masinsortimine. Täiendavad nõuded tootmisohjele ettevõttes. [Tallinn] : Eesti Standardikeskus, 2008. II, 16 lk. (Eesti standard ; EVS-EN 14081-3:2006).

Reiska, R., Meier, P. Puidu kuivatamine. Tallinn : TTÜ kirjastus, 2008. 116 lk.

Uibu, M. Abatement of CO₂ emissions in Estonian oil shale-based power production. Tallinn : TUT Press, 2008. 148 p. (Theses of Tallinn University of Technology. G, Thesis on chemistry and chemical engineering ; 20).

Vaask, S. The comparability, reproducibility and validity of Estonian food consumption surveys. Tallinn : TUT Press, 2008. 139 p. (Theses of Tallinn University of Technology. B, Thesis on natural and exact sciences ; 81).

Varava, L., Pitsi, T., Oja, L. (koost.). Tervis ja terviseteadlikkus läbi toitumis- ja liikumismängude. [Tallinn] : Tervise Arengu Instituut, 2008. 51 lk.

Viiikna, A. (koost.). Keemia- ja materjalitehnoloogia teaduskond : teadus- ja arendustegevus 2007. [Tallinn] : TTÜ kirjastus, [2008]. 141 lk.

Volobujeva, O. SEM study of selenization of different thin metallic films. Tallinn : TUT Press, 2008. 111 p. (Theses of Tallinn University of Technology. B, Thesis on natural and exact sciences ; 77).

Artiklid

Alatalo, H., Kohonen, J., Qu, H., Hatakka, H., Reinikainen, S.-P., Louhi-Kultanen, M., Kallas, J. In-line monitoring of reactive crystallization process based on ATR-FTIR and Raman spectroscopy // *Journal of chemometrics*. 22 (2008) 11/12, p. 644-652.

Altosaar, M., Raudoja, J., Timmo, K., Danilson, M., Grossberg, M., Krustok, J., Mellikov, E. Cu₂Zn_{1-x}CdSn(Se_{1-y}Sy)₄ solid solutions as absorber materials for solar cells // *Physica status solidi (a) : applications and material science*. 205 (2008) 1, p. 167-170.

Altosaar, M., Timmo, K., Danilson, M., Raudoja, J., Mellikov, E. Characterization of Cu₂ZnSnSe₄ monograin layer solar cells // *Proceedings of the International Conference on Solar Cells : IC-SOLACE 2008 : January 21–23, 2008, Cochin, India. [Kerala, 2008].* p. 103-105.

Bas, D., Ehavald, H., Veskus, T. et al. Microbiological risk assessment and preventative actions in bakery and beverage industries in Estonia, Slovenia and Turkey // *Risk assessment of microbial problems and preventative actions in food industry*. Espoo : VTT, 2008. p. 149-166. (VTT symposium ; 251).

* Bereznev, S., Volobujeva, O., Laes, K., Kois, J., Öpik, A. Highly conductive PEDOT-PSS back contact layer for CdTe photoabsorber layer in the solar cell // *ICSM-2008 : International Conference of Science and Technology of Synthetic Metals : Porto de Galinhas, Brazil, July 6–11, 2008 : book of abstracts. [S.I.], 2008.* p. 160.

Černivec, G., Jagomägi, A., Smole, F., Topič, M. Numerical and experimental indication of thermally activated tunneling transport in CIS monograin layer solar cells // *Solid state electronics*. 52 (2008) 1, p. 78-85.

Christjanson, P., Pehk, T., Siimer, K., Paju, J. Structure of polycondensates from hydroxymethylphenols // *Journal of applied polymer science*. 107 (2008) 2, p. 1226-1234.

Christjanson, P. Adhesiiv ; Alkүүлvaigud // *TEA entsüklopeedia*. 1, a-Alžeeria. Tallinn : TEA, 2008. lk. 155 ; 365.

Dedova, T., Klauson, J., Badre, C., Pauporte, Th., Nisumaa, R., Mere, A., Volobujeva, O., Krunk, M. Chemical spray deposition of zinc oxide nanostructured layers from zinc acetate solutions // *Physica status solidi (a) : applications and materials science*. 205 (2008) 10, p. 2355-2359.

Dimova-Malinovska, D., Nichev, H., Georgieva, V., Angelov, O., Pivin, J.-C., Mikli, V. Sensitivity of ZnO films doped with Er, Ta and Co to NH₃ at room temperature // *Physica status solidi (a) : applications and material science*. 205 (2008) 8, p. 1993-1997.

Elenurm, A., Oja, V., Tali, E., Tearo, E., Yanchilin, A. Thermal processes of dictyonema argillite and kukersite oil shale : transformation and distribution of sulfur compounds in pilot-scale Galoter process // *Oil shale*. 25 (2008) 3, p. 328-334.

Goi, A., Veressinina, J., Trapido, M. Degradation of salicylic acid by Fenton and modified Fenton treatment // *Chemical engineering journal*. 143 (2008) [9] p.

Goi, A., Veressinina, J., Trapido, M. Combination of ozonation and Fenton processes for landfill leachate treatment : evaluation of treatment efficiency // *Ozone & Related Oxidants in : Advanced Treatment of Water for Human Health and Environment Protection : IOA International Conference Brussels, Belgium, May 15–16, 2008*. [S.l., 2008]. p. 6.1.2-1–6.1.2.-12.

Gorkunov, V., Kogtev, M., Munter, R. Removal of mechanical additives from the surface of cast niobium // *Proceedings of the Estonian Academy of Sciences*. 57 (2008) 4, p. 241-246.

Grossberg, M., Krustok, J., Bodnar, I., Siebentritt, S., Albert, J. Photoluminescence and Raman spectra of the ordered vacancy compound CuGa_5Se_8 // *Physica B*. 403 (2008) 1, p. 184-189.

* Hatakka, M., Liiri, M., Aittamaa, J., Alopaeus, V., Louhi-Kultanen, M., Kallas, J. Flow patterns and slip velocities of crystals in a 100 liters suspension crystallizer equipped with two turbine impellers // *Proceedings of 17th International Symposium of Industrial Crystallization : 665th Event of EFCE in combination of 8th Workshop of Crystal Growth of Organic Materials : ISIC 17 – CGOM 8 : Maastricht (The Netherlands), September 14–17*. 3. [S.l.] : European Federation of Chemical Engineering, 2008. p. 1851-1858.

* Hibberd, C.J., Ernits, K., Kaelin, M., Tiwari, A.N. Chemical incorporation of copper into indium selenide thin films // *4th Photovoltaic Science, Applications and Technology Conference C89 : University of Bath, United Kingdom, 2–4 April, 2008*. [S.l.], 2008. p. 052.

Hibberd, C.J., Ernits, K., Kaelin, M., Mueller, U., Tiwari, A.N. Chemical incorporation of copper into indium selenide thin-films for processing of CuInSe_2 solar cells // *Progress in photovoltaics : research and applications*. 16 (2008) 7, p. 585-593.

Hiie, J., Muska, K., Valdna, V., Mikli, V., Taklaja, A., Gavrilov, A. Thermal annealing effect on structural and electrical properties of chemical bath-deposited CdS films // *Thin solid films*. 516 (2008) 20, p. 7008-7012.

* Hirvisaari, S., Ekberg, B., Rautanen, A., Storbacka, S., Häkkinen, A., Kallas, J. Study on parameters affecting belt filtration of a metal precipitate suspension // *Proceedings of the 10th World Filtration Congress : Leipzig, Germany, April 14–18*. 1. [S.l.] : Filtech Exhibitions Germany, 2008. p. I-625–I-629.

* Häkkinen, A., Huhtanen, M., Ekberg, B., Kallas, J. Utilization of statistical design of experiment for improving the efficiency of test filtration tasks // *Proceedings of the 10th World Filtration Congress : Leipzig, Germany, April 14–18*. 1. [S.l.] : Filtech Exhibitions Germany, 2008. p. I-180–I-184.

* Häkkinene, A., Huhtanen, M., Ekberg, B., Kallas, J. Optimization of the performance of a filter press by statistical design of experiments and empirical modelling // American Filtration and Separation Society : Valley Forge, USA, May 20–22, 2008.

Intelmann, C.M., Hinrichs, K., Söritski, V., Yang, F., Rappich, J. Recombination behaviour at the ultra-thin polypyrrole film/silicon interface investigated by in-situ pulsed photoluminescence // Japanese journal of applied physics. 47 (2008) 2, p. 554-557.

Intelmann, C.M., Söritski, V., Tsankov, D., Hinrichs, K., Rappich, J. Ultrathin polypyrrole films on silicon substrates // Electrochimica acta. 53 (2008) 11, p. 4046-4050.

* Johannes, I., Soone, J., Zaidentsal, A. Thermobituminizing kinetics of Estonian oil shale at low-temperature pyrolysis // Theses of the 28th Oil Shale Symposium : October 13–17, 2008, Colorado. Colorado : The Colorado Energy Research Institute at The Colorado School of Mines, 2008.

Johannes, I., Zaidentsal, A. Kinetics of low-temperature retorting of kukersite oil shale // Oil shale. 25 (2008) 4, p. 412-425.

* Johannes, I., Tiikma, L., Zaidentsal, A., Luik, L. Kinetics of kukersite low-temperature pyrolysis in autoclaves // Advances in Analytical and Applied Pyrolysis 2006–2008 : book of abstracts of the communications presented to the 18th International Symposium on Analytical and Applied Pyrolysis : Lanzarote, Canary Islands, May 18–23, 2008, p. 181.

* Järvik, O., Kamenev, I., Viiroja, A., Kallas, J. Purification of phenolic wastewater using aerobic bio-oxidation combined with activated carbon treatment and ozonation // Ozone & Related Oxidants in : Advanced Treatment of Water for Human Health and Environment Protection : IOA International Conference Brussels, Belgium, May 15–16, 2008. [S.l.], 2008. p. 1.2-1–1.2-10.

* Järviste, R., Muoni, R., Soone, J., Riisalu, H., Zaidentsal, A. Diesel fuel oxidation in storage // Khimiya tverdogo topliva (2008) p. 123-127. 8

Kaevand, T., Öpik, A., Lille, Ü. A mesoscale simulation of the morphology of the PEDT/PSS complex in the water dispersion and thin film : the use of the MesoDyn simulation code // Advances in computer and information Science and Engineering. XVIII. [S.l.] : Springer, 2008. p. 540-546.

Kaljuvee, T., Edro, E., Kuusik, R. Influence of lime-containing additives on the thermal behaviour of ammonium nitrate // Journal of thermal analysis and calorimetry. 92 (2008) 1, p. 215-221.

Kaljuvee, T., Edro, E., Trikkel, A. Heating rate effect on the thermal behaviour of ammonium nitrate and its blends with limestone and dolomite // 14th International Congress on Thermal Analysis and Calorimetry . VI Brazilian Congress on Thermal Analysis and Calorimetry : September 14–18, 2008, Sao Pedro, Brazil. [Sao Pedro, 2008]. p. H-02 [CD-ROM].

Kamenev, I., Viiroja, A., Kallas, J. Aerobic bio-oxidation with ozonation for recalcitrant wastewater treatment // Journal of advanced oxidation technologies. 11 (2008) 2, p. 338-347.

Kanarjov, P., Reedo, V., Oja Acik, I., Matisen, L., Vorobjov, A., Kiisk, V., Krunks, M., Sildos, I. Luminescent materials based on thin metal oxide films doped with rare Earth ions // Physics of the solid state. 50 (2008) 9, Proceedings of the XIII Feofilov Symposium "Spectroscopy of Crystals Doped by Rare-Earth and Transition-Metal Ions" (Irkutsk, July 9–13, 2007). p. 1727-1730.

Kaps, T., Mölder, L., Christjanson, P. jt. Keemia- ja materjalitehnoloogia teaduskond // Leiutajaid ja leiutisi Tallinna Tehnikaülikoolis 1922–2007. Tallinn : TTÜ kirjastus, 2008. lk. 48-71.

Katerski, A., Mere, A., Kazlauskiene, V., Miskinis, J., Saar, A., Matisen, L., Kikas, A., Krunks, M. Surface analysis of spray deposited copper indium disulfide films // Thin solid films. 516 (2008) p. 7110-7115.

Kauk, M., Altosaar, M., Raudoja, J., Timmo, K., Varema, T., Danilson, M., Grossberg, M., Mellikov, E. The influence of doping with donor type impurities on the properties of CuInSe₂ // Physica status solidi (c). 5 (2008) 2, p. 609-611.

Kirss, H., Kuus, M., Siimer, E. Isobaric vapor-liquid equilibria of the ternary system 1-pentanol+nonane+anisole // Journal of chemical and engineering data. 53 (2008) 1, p. 310-314.

Klauson, D., Portjanskaja, E., Preis, S. Visible light-assisted photocatalytic oxidation of organic pollutants using nitrogen-doped titania // Environmental chemistry letters. 6 (2008) 1, p. 35-39.

* Klauson, D. Physical and chemical properties of ozone [Electronic resource] // Encyclopedia of life support systems (EOLSS). Chapter 6.192. Oxford : Oxford University Press Inc, 2008. Available at: <http://www.eolss.net>.

Kois, J., Ganchev, M., Kaelin, M., Bereznev, S., Tzvetkova, E., Volobujeva, O., Stratieva, N., Tiwari, A.N. Electrodeposition of Cu-In-Ga thin metal films for Cu(In, Ga)Se₂ based solar cells // Thin solid films. 516 (2008) 18, p. 5948-5952.

Kois, J., Volobujeva, O., Bereznev, S. One-step electrochemical deposition of CuInSe₂ absorber layers // Physica status solidi (c). 5 (2008) 11, p. 3441-3444.

* Kritševskaja, M., Jõks, S., Katšina, A., Preis, S. Gas-phase photocatalytic oxidation of acrylonitrile // The 5th European Meeting on Solar Chemistry and Photocatalysis : Environmental Applications (SPEA5) : 04–08 October 2008, Palermo, Italy : book of abstracts. [Palermo], 2008. p. PP2.20.

* Kritševskaja, M. Ozone in drinking water treatment, in ozone science and technology [Electronic resource] // Encyclopedia of life support systems (EOLSS). Chapter 6.192. Oxford : Oxford University Press Inc, 2008. Available at: <http://www.eolss.net>.

Kropman, D., Mellikov, E., Kärner, T., Ugaste, Ü., Laas, T., Heinmaa, I., Abru, U., Medvid, A. Hydrogen interaction with point defects in the Si-SiO₂ structures and its influence on the interface properties // Solid state phenomena. 131/133 (2008) p. 345-350.

* Kropman, D., Mellikov, E., Öpik, A., Lott, K., Volobujeva, O., Kärner, T., Heinmaa, I., Laas, T., Medvid, A. Strain relaxation mechanism in the Si-SiO₂ system and its influence on the interface properties // Radiation Interaction with Materials and its use in Technologies : Kaunas, 24–27.09.2008. Kaunas : Technologija, 2008. p. 204-207.

Krumme, A., Lehtinen, A., Adamovsky, S., Schick, C., Roots, J., Viikna, A. Crystallization behavior of some unimodal and bimodal linear low-density polyethylenes at moderate and high supercooling // Journal of polymer science. Part B, Polymer physics. 46 (2008) p. 1577-1588.

* Krumme, A., Tarasova, E., Poltimäe, T., Lehtinen, A., Viikna, A. Low temperature crystallization peak in Ziegler-Natta and single site based ethylene/α-olefin composites // 2nd International Conference on Polyolefin Characterization : Valencia (Spain), September 14–17, 2008. Valencia, 2008. p. 85.

Krunks, M., Katerski, A., Dedova, T., Oja Acik, I., Mere, A. Nanostructured solar cell based on spray pyrolysis deposited ZnO nanorod array // Solar energy materials & solar cells. 92 (2008) p. 1016-1019.

Krunks, M., Mere, A., Katerski, A. Copper indium disulfide films by chemical spray pyrolysis for photovoltaics // Proceedings of the International Conference on Solar Cells : IC-SOLACE 2008 : January 21–23, 2008, Cochin, India. [Kerala, 2008]. p. 16-19.

Kulik, N., Trapido, M., Goi, A., Veressinina, J., Munter, R. Combined chemical treatment of pharmaceutical effluents from medical ointment production // Chemosphere. 70 (2008) 8, p. 1525-1531.

Kulik, N., Trapido, M., Veressinina, J., Goi, A., Munter, R. The Fenton chemistry as an effective tool for treatment of wastewater generated by different processes // ICERT 08 : proceedings of the International Conference on Environmental Research and Technology 2008 : Penang, Malaysia, 28–30 May 2008 : Environmental Technology for a Greener Tomorrow. Penang : School of Industrial Technology Universiti Sains Malaysia, 2008. p. 811-815.

Kutsar, L., Mets, M., Veskus, T., Rätto, M., Salo, S., Wirtanen, G. Validation and development of cleaning systems in dairies // Risk assessment of microbial problems and preventative actions in food industry. Espoo : VTT, 2008. p. 77-78. (VTT symposium ; 251).

Kuusik, R., Uibu, M., Triikkel, A. CO₂ mineraliseerimine põlevkivienergeetikas – alused, võimalused ja olukord // Keskkonnatehnika (2008) 6, lk. 23-27.

Liebert, T. Lusikatäis võid või kulbitäis kohupiima? // Tervis Pluss (2008) aug., lk. 72.

Liebert, T. Mida teha suhkruga? : [vastus lugejale] // Üks (2008) veebr./märts, lk. 141.

Liebert, T. Säilitusained smuutides // Üks (2008) 5, lk. 127.

Liebert, T. Toit ja päikesepõletus : [vastus lugejale] // Üks (2008) aug./sept., lk. 143.

* Liiri, M., Hatakka, H., Kallas, J., Aittamaa, J., Alopaeus, V. Modelling of crystal growth of KPD in a 100 dm³ crystallizer using combination of CFD and multiblock model // Proceedings of 17th International Symposium of Industrial Crystallization : 665th Event of EFCE in combination of 8th Workshop of Crystal Growth of Organic Materials : ISIC 17 – CGOM 8 : Maastricht (The Netherlands), September 14–17. 3. [S.I.] : European Federation of Chemical Engineering, 2008. p. 1859-1866.

Lohner, T., Angelov, C., Mikli, V. Comparative ellipsometric and ion beam analytical studies on ion beam crystallized silicon implanted with Zn and Pb ions // Thin solid films. 516 (2008) 22, p. 8009-8012.

Louhi-Kultanen, M., Qu, H., Salmela, N., Kallas, J., Nyström, L. Filter cake washing : partial dissolution of organic particles and real-time monitoring based on Raman spectroscopy // Separation, purification, technology. 59 (2008) p. 270-276.

* Luik, H., Palu, V., Luik, L., Sokolova, J. Peat semicoking and hydrocracking // Advances in Analytical and Applied Pyrolysis 2006–2008 : book of abstracts of the communications presented to the 18th International Symposium on Analytical and Applied Pyrolysis : Lanzarote, Canary Islands, May 18–23, 2008, p. 248.

Luik, H., Palu, V., Tamvelius, H., Luik, L., Sokolova, J. Co-conversion of Salix biomass and oil shale in the medium of supercritical water // 16th European Biomass Conference & Exhibition : from Research to Industry and Markets : proceedings of the International Conference held in Valencia, Spain, 2–6 June 2008. Florence : ETA-Renewable Energies, 2008. p. 2007-2009.

* Luik, L., Luik, H., Palu, V., Kruusement, K., Tamvelius, H. Conversion of the Estonian fossil and renewable feedstocks in the medium of supercritical water // Advances in Analytical and Applied Pyrolysis 2006–2008 : book of abstracts of the communications presented to the 18th International Symposium on Analytical and Applied Pyrolysis : Lanzarote, Canary Islands, May 18–23, 2008, p. 247.

Lõugas, T. Comparison of different sea buckthorn berry varieties on the basis of physical properties // Journal of food physics. XXI (2008) p. 58-61.

* Lõugas, T. Comparison of different sea buckthorn berries on the basis of physical properties // 8th International Conference of Food Physics : Bulgaria, Plovdiv, September 24–27, 2008 : book of abstracts. Plovdiv : University of Plovdiv, 2008. p. 81.

Makhotkina, O., Preis, S., Parkhomchuk, E. Water delignification by advanced oxidation processes : homogeneous and heterogeneous Fenton and H₂O₂ photo-assisted reactions // Applied catalysis B : environmental. 84 (2008) 3/4, p. 821-826.

* Meier, P., Stöör, E., Kallavus, U., Kaps, T. Mechanical properties of pinewood treated with aqueous solutions of organic substances // WCTE 2008 Conference Proceedings : 10th World Conference on Timber Engineering : Miyazaki, Japan, June 2–5, 2008, [6] p.

Mellikov, E., Altosaar, M., Krunks, M., Krustok, J., Varema, T., Volobujeva, O., Grossberg, M., Kaupmees, L., Dedova, T., Timmo, K., Ernits, K., Kois, J., Oja Acik, I., Danilson, M., Bereznev, S. Research in solar cell technologies at Tallinn University of Technology // Thin solid films. 516 (2008) 20, p. 7125-7134.

* Mere, A., Katerski, A., Dedova, T., Oja Acik, I., Krunks, M. Extremely thin absorber layer nanostructured solar cell by chemical spray pyrolysis // Proceedings 23rd European Photovoltaic Solar Energy Conference : 1–5 September, 2008, Valencia, Spain. [S.l.] : WIP-Renewable Energies, 2008. p. 2147-2150.

Mets, M., Kutsar, L., Veskus, T., Rätto, M., Salo, S., Wirtanen, G. Enhanced monitoring of microbes on process surfaces // Risk assessment of microbial problems and preventative actions in food industry. Espoo : VTT, 2008. p.75-76. (VTT symposium ; 251).

* Mihhalevski, A., Paalme, T., Heinmaa, I., Traksmäa, R. The study of rye bread staling // 7th European Young Cereal Scientists and Technologists Workshop : Kaunas, Lithuania, May 19–21, 2008 : programme and abstract book. Kaunas : Technologija, 2008. p. 22.

* Mihhalevski, A., Paalme, T. Application of isothermic calorimetry and dynamic viscosimetry in studies of rye bread staling // Proceedings of the 4th International Congress on Flour-Bread '07 : Opatija, Croatia, Oct. 24–27. Osijek : J.J.Strossmayer University in Osijek, 2008. p. 451-455.

* Mihhalevski, A., Paalme, T. Investigation on structural changes during storage of rye bread // 13th ICC Cereal and Bread Congress Cerworld 21st : book of abstracts. Madrid : AETC, 2008. p. 372.

* Mihhalevski, A., Paalme, T. Study of rye bread staling // Proceedings of Bosphorus 2008 ICC International Conference : Istanbul, Turkey, April 24–26, 2008. Istanbul : Hacettepe University. XXI, 2008. p. 195.

Mikli, V., Hiie, J., Viljus, M., Nisumaa, R., Traksmäa, R., Kallavus, U. Recrystallization of CdTe film under conditions of high temperature and mechanical pressure // Thin solid films. 516 (2008) 20, p. 7041-7045.

Munter, R., Overbeck, P., Sutt, J. Which is the best oxidant for complexed iron removal from groundwater : the Kogalym case // *Ozone : science and engineering*. 30 (2008) 1, p. 73-80.

Munter, R., Vilu, H. Drinking water production from well water with high sulfur and sulfur bacteria content // *Journal of environmental engineering*. 134 (2008) 5, p. 376-381.

* Munter, R. Atmospheric ozone and climate change. Synthetic ozone and its applications. 21st Century and role of ozone [Electronic resource] // *Encyclopedia of life support systems (EOLSS)*. Chapter 6.192. Oxford : Oxford University Press Inc, 2008. Available at: <http://www.eolss.net>.

Munter, R. Globaalsed keskkonnaprobleemid Oxfordi ümarlaua päevakorras // *Keskkonnatehnika* (2008) 6, lk. 10-13.

Mänttari, M., Kuosa, M., Kallas, J., Nyström, M. Membrane filtration and ozone treatment of biologically treated effluents from the pulp and paper industry // *Journal of membrane science*. 309 (2008) p. 112-119.

Obabkov, N., Gorkunov, V., Munter, R., Beketov, A. Protective coatings for the graphite facing in calcium-aluminothermal processes // *Proceedings of the Estonian Academy of Sciences*. 57 (2008) 1, p. 54-60.

Oja Acik, I., Madarasz, J., Heinamaa, I., Pehk, T., Tõnsuaadu, K., Krunks, M., Pokol, G., Niinistö, L. Titanium(IV) acetylacetonate xerogels for processing titania films : structure and thermal analysis [Electronic resource] // *14th International Congress on Thermal Analysis and Calorimetry . VI Brazilian Congress on Thermal Analysis and Calorimetry : September 14–18, 2008, Sao Pedro, Brazil. [Sao Pedro, 2008]. p. OP-C06 [CD-ROM]*.

Oja Acik, I. Titaandioksiidi kiled sool-geeli meetodil // *Inseneeria* (2008) 3, lk. 54-55.

Oja, V., Elenurm, A., Rohtla, I., Tearo, E., Tali, E. Thermal processing of polyvinylchloride waste with oil shale ash to capture chloride // *Oil shale*. 25 (2008) 2, p. 203-208.

* Oja, V. Application of Knudsen effusion methods to study the vaporization of compounds from complex matrices // *Proceedings of the 23rd European Symposium on Applied Thermodynamics : Cannes, France, 29 May – 1 June, 2008. Cannes, 2008. p. 228*.

* Paalme, T., Sarand, I., Mihhailevski, A. Rye sourdough bread, fermentation and stability // *First European Food Congress : 4–19 Nov.2008, Ljubljana, Slovenia : abstract book, p. Q026*.

Parkhomchuk, E., Vanina, M., Preis, S. The activation of heterogeneous Fenton-type catalyst Fe-MFI // *Catalysis communications*. 9 (2008) 3, p. 381-385.

Pere, R., Kallavus, U. Hallitus meie kodus // *Tervislik Kodu : Kodukiri lisa* (2008) kevad/suvi, lk. 30-33.

Pitsi, T. Soodsa hinnaga vorst on sageli lihavaba // *Naised* (2008) 5, lk. 30-31.

* Portjanskaja, E., Stepanova, K., Klauson, D., Preis, S. The influence of titanium dioxide modifications on photocatalytic oxidation of lignin and humic acids // The 5th European Meeting on Solar Chemistry and Photocatalysis : Environmental Applications (SPEA5) : 04–08 October 2008, Palermo, Italy : book of abstracts. [Palermo], 2008. p. PP3.37.

* Portjanskaja, E. Ozone reactions with inorganic and organic compounds in water, in ozone science and Technology [Electronic resource] // Encyclopedia of life support systems (EOLSS). Chapter 6.192. Oxford : Oxford University Press Inc, 2008. Available at: <http://www.eolss.net>.

* Preis, S. History of ozone synthesis and use for water treatment [Electronic resource] // Encyclopedia of life support systems (EOLSS). Chapter 6.192. Oxford : Oxford University Press Inc, 2008. Available at: <http://www.eolss.net>.

* Puranen, J., Ekberg, B., Häkkinen, A., Kallas, J. Comparison of regeneration methods for ceramic filter media // Proceedings of the 10th World Filtration Congress : Leipzig, Germany, April 14–18. 1. [S.l.] : Filtech Exhibitions Germany, 2008. p. I-165–I-169.

* Qu, H., Alatalo, H., Dai, Y., Kohonen, J., Hatakka, H., Louhi-Kultanen, M., Reinikainen, S.-P., Kallas, J. RAMAN and ATR FTIR spectrometry in reactive crystallization : simultaneous monitoring of solute concentration and polymorphic state of crystals // Proceedings of 17th International Symposium of Industrial Crystallization : 665th Event of EFCE in combination of 8th Workshop of Crystal Growth of Organic Materials : ISIC 17 – CGOM 8 : Maastricht (The Netherlands), September 14–17. 2. [S.l.] : European Federation of Chemical Engineering, 2008. p. 753-760.

Qu, H., Kohonen, J., Louhi-Kultanen, M., Reinikainen, S.-P., Kallas, J. Spectroscopic monitoring of carbamazepine crystallization and phase transformation in ethanol-water solution // *Ind.Eng.Chem.Res.* 47 (2008) p. 6991-6998.

* Raudsepp, P., Borolina, O., Lõugas, T. Sea buckthorn berries as a source of carotenoids // 5th Pigments in Food Congress – for Quality and Health. Helsinki : University of Helsinki, 2008. p. 151-154.

Raudsepp, P., Lõugas, T. Physical characteristics of sea buckthorn berries grown in 2007 // *Journal of food physics.* XXI (2008) p. 95-99.

* Raudsepp, P., Lõugas, T. Physical characteristics of sea buckthornberries grown in 2007 // 8th International Conference of Food Physics : Bulgaria, Plovdiv, September 24–27, 2008 : book of abstracts. Plovdiv : University of Plovdiv, 2008. p. 51.

* Salmimies, R., Louhi-Kultanen, M., Ekberg, B., Häkkinen, A., Kallas, J., Huhtanen, M. Fouling of filter media : solubility of oxalate solutions // Proceedings of the 10th World Filtration Congress : Leipzig, Germany, April 14–18. 1. [S.l.] : Filtech Exhibitions Germany, 2008. p. I-81–I-85.

* Sarand, I., Paalme, T. Diversity of lactic acid bacteria in rye sourdough // The 9th Symposium on Lactic Acid Bacteria : Egmond aan Zee, The Netherlands, August 31 – September 4, 2008 : abstract book. Egmond aan Zee, 2008. p. A058.

Siimer, K., Christjanson, P., Kaljuvee, T., Pehk, T., Lasn, I., Saks, I. TG-DTA study of melamine-urea-formaldehyde resins // Journal of thermal analysis and calorimetry. 92 (2008) 1, p. 19-27.

Siimer, K., Kaljuvee, T., Christjanson, P., Pehk, T., Saks, I. Effect of alkylresorcinols on curing behaviour of phenol-formaldehyde resin // Journal of thermal analysis and calorimetry. 92 (2008) 2, p. 365-373.

Siimer, K., Kaljuvee, T., Christjanson, P., Pehk, T., Lasn, I., Saks, I. Urea-formaldehyde resins for low formaldehyde emission particleboards // PPS-24 : The Polymer Processing Society 24th Annual Meeting : June 15–19, 2008, Salerno, Italy : book of abstracts. [Salerno, 2008]. p. II.478.

Siimer, K., Kaljuvee, T., Christjanson, P., Pehk, T., Lasn, I., Saks, I. Urea-formaldehyde resins for low formaldehyde emission particleboards [Electronic resource] // PPS-24 : The Polymer Processing Society 24th Annual Meeting : June 15–19, 2008, Salerno, Italy : program and proceedings. [Salerno, 2008]. [7] p. [CD-ROM].

Siimer, K., Kaljuvee, T., Christjanson, P., Pehk, T., Saks, I. Thermal behaviour of hydroxymethyl compounds as models for adhesive resins [Electronic resource] // 14th International Congress on Thermal Analysis and Calorimetry . VI Brazilian Congress on Thermal Analysis and Calorimetry : September 14–18, 2008, Sao Pedro, Brazil. [Sao Pedro, 2008]. p. D-06 [CD-ROM].

Stoyanova-Ivanova, A., Terzieva, S., Shivachev, B., Mikli, V., Vladimirova, L. Synthesis and superconducting properties of Nd_{0.33}Eu_{0.08}Gd_{0.58}Ba₂Cu₃O_z materials // Central European journal of physics. 6 (2008) 1, p. 76-79.

Sumeri, I., Arike, L., Adamberg, K., Paalme, T. Single bioreactor gastrointestinal tract simulator for study of survival of probiotic bacteria // Applied microbiology and biotechnology. 80 (2008) 2, p. 317-324.

* Sumeri, I. Single bioreactor gastrointestinal tract simulator for study of survival of probiotic bacteria // 3rd International Probiotic Conference : High Tatras, Slovakia, June 4–7, 2008 : abstract book. [S.I.], 2008. p. 215.

* Sõritski, V., Menaker, A., Horvath, V., Gyurcsanyi, R.E., Reut, J., Öpik, A. Surface imprinted microrods of nucleotide-conducting polymer composites for protein recognition // The 5th International Workshop on Molecular Imprinting (MIP 2008) : September 7–11, Kobe, Japan. Kobe, 2008. p. PM 10.

* Sõritski, V., Menaker, A., Reut, J., Gyurcsanyi, R.E., Öpik, A. Surface imprinted conducting polymer microrods for selective protein recognition // ICSM-2008 : International Conference

of Science and Technology of Synthetic Metals : Porto de Galinhas, Brazil, July 6–11, 2008 : book of abstracts. [S.l.], 2008. p. 43.

Sõritski, V., Reut, J., Menaker, A., Gyurcsanyi, R.E., Öpik, A. Electrosynthesized molecularly imprinted polypyrrole films for enantioselective recognition of L-aspartic acid // *Electrochimica acta*. 53 (2008) 6, p. 2729-2736.

Süld, T.-M., Viikna, A. Biocomposites materials based on lignocellulosic fibres and thermoplastic matrices // PPS-24 : The Polymer Processing Society 24th Annual Meeting : June 15–19, 2008, Salerno, Italy : book of abstracts. [Salerno, 2008]. p. II.260.

Süld, T.-M., Viikna, A. Biocomposites materials based on lignocellulosic fibres and thermoplastic matrices // PPS-24 : The Polymer Processing Society 24th Annual Meeting : June 15–19, 2008, Salerno, Italy : program and proceedings. [Salerno, 2008]. p. 976-978.

* Šogenova, A., Sliupa, S., Šogenov, K., Sliapiene, R., Pomeranceva, R., Uibu, M., Kuusik, R. Geological storage and mineral trapping of industrial CO₂ emissions – prospects in the Baltic Region // First CO₂ Geological Storage Workshop, 29–30 September 2008, Budapest, Hungary. A04. [S.l.] : European Association of Geoscientists and Engineers, 2008. p. 25-30.

* Zaidentsal, A., Soone, J., Muoni, R. Yields and properties of thermal bitumen obtained from combustible shale // *Khimiya tverdogo topliva* (2008) p. 14-20.

* Tiikma, L., Johannes, I., Luik, H., Zaidentsal, A., Vink, N. Thermal dissolution of Estonian oil shale // *Advances in Analytical and Applied Pyrolysis 2006–2008* : book of abstracts of the communications presented to the 18th International Symposium on Analytical and Applied Pyrolysis : Lanzarote, Canary Islands, May 18–23, 2008, p. 265.

Tomson, T. Ülevaade teaduskonverentsist EuroSun 2008 // *Keskkonnatehnika* (2008) 8, lk. 11-12.

Tomson, T., Erm, A., Pirksaar, R. Tuulevõimsuse standardhälbest // *TEUK X : Taastuvate energiaallikate uurimine ja kasutamine : kümnenda konverentsi kogumik*. Tartu : Eesti Maaülikool, 2008. lk. 40-48.

Tomson, T., Russak, V., Kallis, A. Dynamic behavior of solar radiation // *Modeling solar radiation at the Earth's surface : recent advances*. Berlin : Springer, 2008. p. 257-281 + 1 CD.

Tomson, T. Discrete two-positional tracking of solar collectors // *Renewable energy*. 33 (2008) 3, p. 400-405.

Tomson, T. Profit and problems of the two-positional tracking // *Eurosun 2008 : 1st International Conference on Solar Heating, Cooling and Buildings : 7th to 10th October, Lisbon, Portugal* : book of abstracts. Lisboa, 2008. p. 115-116.

Trapido, M., Kulik, N., Munter, R. Fentoni protsess reoveepuhastustehnoloogias // *Keskkonnatehnika* (2008) 4, lk. 8-11.

* Trapido, M. Ozone-based advance oxidation processes [Electronic resource] // Encyclopedia of life support systems (EOLSS). Chapter 6.192. Oxford : Oxford University Press Inc, 2008. Available at: <http://www.eolss.net>.

Trikkel, A., Kuusik, R., Martins, A., Pihu, T., Stencil, J.M. Utilization of Estonian oil shale semicoke // Fuel processing technology. 89 (2008) p. 756-763.

Tõnsuaadu, K., Nemliher, J., Kallaste, T. Low-temperature transition of bioaragonite of *Tapes decussatus linnaeus* (mollusca: bivalvia) [Electronic resource] // 14th International Congress on Thermal Analysis and Calorimetry . VI Brazilian Congress on Thermal Analysis and Calorimetry : September 14–18, 2008, Sao Pedro, Brazil. [Sao Pedro, 2008]. p. C03 [CD-ROM].

Tõnsuaadu, K., Viipsi, K., Trikkel, A. EDTA impact on Cd²⁺ migration in apatite-water system // Journal of hazardous materials. 154 (2008) p. 491-497.

Uibu, M., Kuusik, R., Veskimäe, H. Seasonal binding of atmospheric CO₂ by oil shale ash // Oil shale. 25 (2008) 2, p. 254-266.

Uibu, M., Velts, O., Trikkel, A., Kallas, J., Kuusik, R. Developments in CO₂ mineral carbonation by oil shale ash // 2nd International Conference on Accelerated Carbonation for Environmental and Materials Engineering : October 1–3, 2008, Rome, Italy : proceedings. [Rome, 2008]. p. 421-430.

Uibu, M., Velts, O., Trikkel, A., Kuusik, R. Reduction of CO₂ emissions by carbonation of alkaline wastewater // Air pollution XVI. Southampton : WIT Press, c2008. p. 311-320. (WIT transactions on ecology and the environment ; 116).

Veiderma, M. Algatused traditsioonideks // Eesti Teaduste Akadeemia : aastatest akadeemias. Tallinn : Eesti Teaduste Akadeemia, 2008. lk. 92-101.

* Veiderma, M. Suomen ja Viron tiedeyhteistyön historiaa // Viro 90 : Viro-vuosikirjan juhlaulkaisu 2008. Helsinki; Tallinn : Tallinna-kustannus, 2008. s. 66-70.

Viikna, A. Abaka ; Akrüülkiud ; Aktiivvärvained // TEA entsüklopeedia. 1, a-Alžeeria. Tallinn : TEA, 2008. lk. 98, 278-279, 284-285.

Vokk, R. Kas kohvist tuleks tervise huvides loobuda? // Anne (2008) 10, lk. 6.

Vokk, R. Päikesekuivatatud tomatid // Üks (2008) 5, lk. 127.

* Volobujeva, O., Abou-Ras, D., Grossberg, M., Raudoja, J., Mellikov, E., Traksmäa, R. Selenization of co-sputtered Cu-In alloy films // Conference records of the 33rd IEEE Photovoltaic Specialists Conference : San Diego, U.S.A., May 12–16, 2008. [S.l.] : IEEE, 2008.

Volobujeva, O., Kois, J., Traksmäa, R., Muska, K., Bereznev, S., Grossberg, M., Mellikov, E. Influence of annealing conditions on the structural quality of CuInSe₂ thin films // Thin solid films. 516 (2008) 20, p. 7105-7109.

MAJANDUSTEADUSKOND

Raamatud

Aarma, A. Teadustöö alused. [Kordustr.]. Tallinn, 2008. 113 lk.

Alver, J. (toim.). Business analysis, accounting, taxes and auditing : proceedings of the conference = Majandusanalüüs, majandusarvestus, maksundus ja auditeerimine : konverentsikogumik : 6.–7.11.2008, Tallinn. Tallinn : Tallinna Tehnikaülikool, 2008. 389 p.

Alver, J., Listra, E., Randveer, M., Paadam, K., Saat, M., Venesaar, U. (eds.). Working papers in economics. Volume 25 (TUTWPE No 168-180), A special issue on organization and management research. Tallinn : Tallinn University of Technology, 2008. 172 p. k

Alver, J., Listra, E., Randveer, M., Paadam, K., Saat, M., Venesaar, U. (eds.). Working papers in economics. Volume 26 (TUTWPE No 181-184). Tallinn : Tallinn University of Technology, 2008. 85 p.

Ennuste, Ü., Tarvel, E., Varju, P. (toim.). Kannatuste aastad 1940 – 1991. 1. vihik. Tallinn, 2008. 256 lk.

Hazak, A. Capital structure and dividend decisions under distributed profit taxation. Tallinn : TUT Press, 2008. 81, [1] p. (Theses of Tallinn University of Technology. H, Thesis on economics ; 14).

Joamets, K., Solarte Vasquez, M.C. Legal environment of business : textbook. 2., rev. ed. Tallinn : TUT Press, 2008. 128 p.

Kilvits, K. Majanduspoliitika : loengukonspekt. 5., parand., täiend. ja osaliselt muudetud struktuuriga vlj. [Tallinn] : TTÜ kirjastus, 2008. 280 lk.

Kolbre, E., Ilsjan, V., Tiits, T., Tomson, A. (koost.). Vara hindamine. Osa 10, Objekti ülevaatus ja andmete kogumine. [Tallinn] : Eesti Standardikeskus, 2008. 35 lk. (Eesti standard ; EVS 875-10:2008).

Kukrus, A., Kartus, R. Tööstusomand ja globaalmajandus. [Tallinn] : Külim, 2008. 248 lk. (Majandusraamat ; 2-12).

Laidroo, L. Public announcements' relevance, quality and determinants on Tallinn, Riga and Vilnius stock exchanges. Tallinn : TUT Press, 2008. 107 p. (Theses of Tallinn University of Technology. H, Thesis on economics ; 15).

Lindroos, K. Mapping social structures by formal non-linear information processing methods : case studies of Estonian islands environments. Tallinn : TUT Press, 2008. 138 p. (Theses of Tallinn University of Technology. C, Thesis on informatics and system engineering ; 41).

Lumiste, R., Pefferly, R., Purju, A. Estonia's economic development : trends, practices, and sources : a case study. Washington : The World Bank, c2008. 46 p. (The Commission on Growth and Development working paper series ; 25).

Lumiste, R. Networks and innovation in machinery and electronics industry and enterprises (Estonian case studies). Tallinn : TUT Press, 2008. 134 p. (Theses of Tallinn University of Technology. E, Thesis on mechanical and instrumental engineering ; 40).

Mereste, U. Riigikogu ja Eesti Panga aastad : meenutusi aastaist 1991–2003. Tallinn : SE&JS, 2008. 775, [1] lk.

Meriküll, J., Staehr, K. Unreported employment and tax evasion in mid-transition : comparing developments and causes in the Baltic States. [Tallinn] : Bank of Estonia, 2008. 36 p. (Working papers / Bank of Estonia ; 6/2008).

Miettinen, A., Rikkinen, L., Teder, J. Ettevõtlus. II, Äriideest, äriplaanist, ettevõtte rajamisest ja kasvust. Tallinn : Külim, c2008. 247 lk. (Majandusraamat ; 2-13).

Pabedinskaite, A., Bivainis, J., Põlajeva, T. et al. (eds.). Verslas, vadiba ir studijos'2007 : mokslo darbai. Vilnius : Technica, 2008. 228 p.

Pabedinskaite, A., Ginevicius, R., Põlajeva, T. et al. (ed.) 5th International Scientific Conference : Business and Management' 2008 : May 16–17, 2008, Vilnius, Lithuania : selected papers. Vilnius : Technica, 2008. 500 p.

Saat, M. Lasnamäe lunastaja. [Tallinn] : Tuum, 2008. 149, [1] lk.

Siirak, V. (tlk.). Ergonoomilised soovitused : praktilised ja lihtsad lahendused ohutuse, tervise, töötingimuste parandamiseks. [Tallinn] : TTÜ kirjastus, 2008. 275 lk.

Sirkel, R., Uibolet, K., Teder, J., Nikitina-Kalamäe, M. (koost.). Ideest eduka ettevõtte ni : õppematerjal. [Tartu] : Haridus- ja Teadusministeerium, c2008. 148 lk.

Soosaar, R. Avaliku sektori ökonomika : õppevahend. Tallinn : TTÜ kirjastus, 2008. 86 lk.

Staehr, K. Estimates of employment and welfare effects of personal labour income taxation in a flat-tax country : the case of Estonia. [Tallinn] : Bank of Estonia, 2008. 48 p. (Working papers / Bank of Estonia ; 3/2008).

Staehr, K. The Maastricht inflation criterion and the new EU members from Central and Eastern Europe. [Tallinn] : Bank of Estonia, 2008. 40 p. (Working papers / Bank of Estonia ; 4/2008).

Teearu, A. Ettevõtte finantsjuhtimine. 2. tr. [Tallinn] : Pegasus, [2008]. 223 lk.

Tikk, J. Finantsarvestus. Täiend. tr. Tallinn : Valgus, 2008. 294, [1] lk.

Toots, A., Alver, J. Dictionary of accounting terms : English - eesti - francais - Deutsch. Tallinn : Deebet, 2008. 208 p.

Varendi, M., Teder, J. (koost.). Mis toimub ettevõttes? Ettevõtte hindamine ja arendamine : õppematerjal. [Tartu] : Haridus- ja Teadusministeerium, c2008. 135 lk.

Vassilkova, A. (koost.). XV juhtimiskonverents "Juhtimistekond". Tallinn, 2008. 87 lk.

Vihalem, A. Turunduse alused. 2., parand. ja täiend. tr. [Tallinn] : Külim, c2008. 308 lk. (Majandusraamat ; 2-84).

Übi, E. Meeapteek : tervendamine ja haiguste ennetamine mesindussaadustega. Tallinn : Külim, 2008. 107 lk.

Üksvärav, R. Organisatsioon ja juhtimine. 4., täiend. tr. [Tallinn] : TTÜ kirjastus, 2008. 592 lk.

Artiklid

* Aarma, A., Vainu, J. About analysis and forecasting of the development of banking : the Estonian case // EABR & TLC conference proceedings : Salzburg, Austria, 2008. Salzburg : Clute Institute, 2008. [7] p.

Aasma, A. Strong μ -faster convergence and strong μ -acceleration of convergence by regular matrices // Mathematical modelling and analysis. 13 (2008) 1, p. 1-6.

* Aasma, A. On improvement and acceleration of convergence by regular matrix methods // Approximations, harmonic analysis, operators and sequences : research communications of the workshop held in Narva-Jõesuu, Estonia, October 3–5, 2008. Tartu : Estonian Mathematical Society, 2008. p. 26-28.

* Aasma, A. On new methods for comparison of speeds of convergence of sequences // Programme and book of abstracts of Mathematics Workshop Days (Summability, Sequence Spaces and Applications) at Istanbul Commerce University, May 15–16, 2008. Istanbul, 2008. [3] p.

Aasma, A. On the acceleration of convergence by regular matrix methods // Proceedings of the Estonian Academy of Sciences. 57 (2008) 1, p. 3-17.

* Aava, K., Tosso, H., Tint, P. The possibilities of using SWOT and risk analysis in prevention of coal dust emission during its transportation in Tallinn ports // The proceedings of 34th ESReDA Seminar : San Sebastian, Spain, 2008, [7] p.

* Alver, J., Alver, L., Sundgaard, E., Thomsen, J. How problematic is usage of local accounting staff in Danish subsidiaries in Estonia? // British Accounting Association Annual Conference : Blackpool, 1–3 April, 2008 : delegate pack. Blackpool : The University of Sheffield, 2008. p. 27.

* Alver, J., Alver, L. The development of the curriculum of accounting study programme // International Scientific Conference Finance and Accounting : Theory and Practice, Development and Trends : Riga, 18.-19.09.2008. Riga, 2008. p. 18.

* Alver, J., Kadak, T. Conformity of data used in planning and performing in the controlling process : a survey of Estonian SMEs // International Scientific Conference Finance and Accounting : Theory and Practice, Development and Trends : Riga, 18.–19.09.2008. Riga, 2008. p. 78.

Alver, J. Abakus ; Aazio // TEA entsüklopeedia. 1. köide, a-Alžeeria. Tallinn : TEA, 2008. lk. 98-99, 91.

Alver, J. Anekdoote ja nalju // Raamatupidamisuudised (2008) 1, lk. 60 ; 2, lk. 59 ; 3, lk. 57 ; 4, lk. 60 ; 6, lk. 60.

Alver, J. Geniaalne aferist Charles Ponzi ja tema püramiidskeem // Raamatupidamisuudised (2008) 2, lk. 56-58.

Alver, J. Gerbert D'Aurillac – paavst, kes leiutas arvelaua // Raamatupidamisuudised (2008) 1, lk. 54-56.

Alver, J. Herman Hollerith – perfokaartarvuti leiutaja // Raamatupidamisuudised (2008) 3, lk. 52-53.

Alver, J. Kliendirentaablus ja relevantsed kulud // Raamatupidamisuudised (2008) 6, lk. 24-26.

Alver, J. Majandusteadlane ja raamatupidaja Karl Inno – 100 // Raamatupidamisuudised (2008) 7, lk. 48-50.

Alver, J. Majandusteadlane Karl Inno – 100 // Business analysis, accounting, taxes and auditing : proceedings of the conference = Majandusanalüüs, majandusarvestus, maksundus ja auditeerimine : konverentsikogumik : 6.–7.11.2008, Tallinn. Tallinn, 2008. lk. 318-322.

Alver, J. Raamatupidajate kutseksamitest // Raamatupidamisuudised (2008) 2, lk. 3.

Alver, J. Uno Mereste – 80 // Business analysis, accounting, taxes and auditing : proceedings of the conference = Majandusanalüüs, majandusarvestus, maksundus ja auditeerimine : konverentsikogumik : 6.–7.11.2008, Tallinn. Tallinn, 2008. p. 9.

Alver, J. Valmistume Raamatupidaja II kutseksamiks // Raamatupidamisuudised (2008) 3, lk. 5-7.

Alver, J. Gotovimsja k kvalifikacionnomu èkzamenu "Buhgalter II" // Buhgalterskie novosti (2008) 3, lk. 10-13.

Alver, J. O buhgalterah, kotorye proslavilis' v drugih oblastjah // Buhgalterskie novosti (2008) 2, lk. 49-51.

Alver, J. O kvalifikacionnyh èkzamenah dlja buhgalterov // Buhgalterskie novosti (2008) 2, lk. 33.

Alver, J. Rentabel'nost' klienta i relevantnye rashody // Buhgalterskie novosti (2008) 6, lk. 28-30.

Alver, L., Alver, J. Accounting curriculum at Tallinn University of Technology // Business analysis, accounting, taxes and auditing : proceedings of the conference = Majandusanalüüs, majandusarvestus, maksundus ja auditeerimine : konverentsikogumik : 6.–7.11.2008, Tallinn. Tallinn, 2008. p. 20-26.

Alver, L. Ehituslepingute tulu kajastamine // Raamatupidamisuudised (2008) 1, lk. 28-31.

Alver, L. Müügitulu kajastamise erijuhtumid: ositilaekumine // Raamatupidamisuudised (2008) 2, lk. 17-22.

Alver, L. Rahvusvahelised finantsaruandluse standardid : organisatsioonist ja arenguloost // Eesti Majanduse Teataja (2008) 1, lk. 14-18.

Alver, L. Rahvusvahelised finantsaruandluse standardid : IASB // Raamatupidamisuudised (2008) 6, lk. 32-35.

Alver, L. Rahvusvahelistest standarditest IAS 1-19 // Eesti Majanduse Teataja (2008) 1, lk. 18-24.

Alver, L. Ühendkasum ja ühendkasumi aruanne : tekkelugu ja areng // Business analysis, accounting, taxes and auditing : proceedings of the conference = Majandusanalüüs, majandusarvestus, maksundus ja auditeerimine : konverentsikogumik : 6.–7.11.2008, Tallinn. Tallinn, 2008. lk. 323-329.

Alver, L. Meždunarodnye standarty finansovoj otčetnosti : plan raboty IASB // Buhgalterskie novosti (2008) 6, lk. 37-40.

Alver, L. Osobyje slučai otrāženija dohoda : kassovyj metod priznanija dohodov ot prodaži v rassročku // Buhgalterskie novosti (2008) 3, lk. 16-21.

Arvola, R. Kaugtöö kui lahendus vanemale tööjõule // Kaugtöö kojutulek [Võrguteavik]. Kärkla : Arhipelaag, 2008. lk. 72-82.

Burnašev, D., Kalle, E. Lisandväärtus fookusesse // Inseneeria (2008) 4, lk. 32-34.

Ennuste, Ü. Synthetic conceptions of implementing mechanisms design for public socio-economic information structure : illustrative Estonian examples // Socio-economic and institutional environment : harmonisation in the EU countries of Baltic Sea rim : a collection of research articles... . Tallinn, 2008. p. 9-39. (Proceedings of the Institute for European Studies, International University Audentes ; 4).

Gerndorf, K., Allmann, M., Habakuk, J., Leimann, J. Palju õnne, Eesti juhtimise Grand Old Man! : Raoul Üksvärav – 80 // Director (2008) 3, lk. 56-57.

Hazak, A. Profit versus distributed profit based taxation and companies' capital structure // International journal of entrepreneurship and innovation management. 8 (2008) 5, p. 524-541.

Järvis, M., Tint, P. Knowledge transfer – critical components in occupational health and safety – an Estonian approach // Hazards XX : process safety and environmental protection, harnessing knowledge, challenging complacency. Rugby : Institution of Chemical Engineers, 2008. p. 385-397. (Symposium series ; 154).

Kadak, T. Difficulties in implementation of efficient PMS // Business analysis, accounting, taxes and auditing : proceedings of the conference = Majandusanalüüs, majandusarvestus, maksundus ja auditeerimine : konverentsikogumik : 6.–7.11.2008, Tallinn. Tallinn, 2008. p. 47-51.

Kadak, T. Raskused tõhusate PMSide rakendamisel : analüüs kirjanduse põhjal // Business analysis, accounting, taxes and auditing : proceedings of the conference = Majandusanalüüs, majandusarvestus, maksundus ja auditeerimine : konverentsikogumik : 6.–7.11.2008, Tallinn. Tallinn, 2008. lk. 338-343.

Kallakmaa-Kapsta, A. Kommentaar väikehoiuste sajabrotsendilise tagamise võimalikule mõjule // Ärielu (2008) 44, lk. 31.

Kallaste, K. Raamatupidajate kutsevalifikatsioonist ja selle tõendamise võimalustest Eestis // Business analysis, accounting, taxes and auditing : proceedings of the conference = Majandusanalüüs, majandusarvestus, maksundus ja auditeerimine : konverentsikogumik : 6.–7.11.2008, Tallinn. Tallinn, 2008. lk. 344-347.

Kalle, E. Eesti tootlikkuse tegurid makro- ja mikrotasandil // Ühiskonna arengu majandus- ja sotsiaalprobleemid "globaalse küla" tingimustes : EABA teaduslik-praktilise konverentsi materjalid. Tallinn : Eesti-Ameerika Äriakadeemia, 2008. lk. 172-176.

Kalle, E. Eksperthinnangud ettevõtte tootlikkuse juhtimisel, ehk, Kuidas kaasata töötajad tootlikkuse juhtimisse // Inseneeria (2008) 3, lk. 36-37.

Kannike, S. Orientacija na potrebitelej v teorii i praktike menedžmenta // Ühiskonna arengu majandus- ja sotsiaalprobleemid "globaalse küla" tingimustes : EABA teaduslik-praktilise konverentsi materjalid. Tallinn : Eesti-Ameerika Äriakadeemia, 2008. lk. 153-160.

Kellik, V. Majandusõppe võtmesõnast // Ühiskonna arengu majandus- ja sotsiaalprobleemid "globaalse küla" tingimustes : EABA teaduslik-praktilise konverentsi materjalid. Tallinn : Eesti-Ameerika Äriakadeemia, 2008. lk. 388-391.

Kerem, K., Püss, T., Viies, M., Maldre, R. Health and convergence of health care expenditure in EU // International business and economics research journal. 7 (2008) 3, p. 29-43.

Kerem, K., Randveer, M. Assessment of the Estonian labor market development // International business and economics research journal. 7 (2008) 2, p. 85-94.

* Kilvits, K. Delocalisation of production : threats and opportunities for Estonia // Eastern European Day 2008 : May 30th 2008, Fribourg. Fribourg : University of Fribourg, 2008.

Kilvits, K. Töötleva tööstuse struktuuri tuleb muuta // Mehaanikateaduskond 2008. [Tallinn] : TTÜ kirjastus, 2008. lk. 24-31.

Kilvits, K. Töötleva tööstuse struktuuri tuleb muuta // HEI : Hea Eesti Idee, 2008. 2, lk. 41-43.

Kirch, A., Tuisk, T. Estonians and Russians in Estonia : is the Soviet past still dominating the present // Socio-economic and institutional environment : harmonisation in the EU countries of Baltic Sea rim : a collection of research articles... . Tallinn, 2008. p. 67-94. (Proceedings of the Institute for European Studies, International University Audentes ; 4).

Koslov, V. Benthami analüütilised heitlused // Business analysis, accounting, taxes and auditing : proceedings of the conference = Majandusanalüüs, majandusarvestus, maksundus ja auditeerimine : konverentsikogumik : 6.-7.11.2008, Tallinn. Tallinn, 2008. lk. 348-349.

Kristjuhan, Ü., Arvola, R. Tallinnas toimunud töövõime pikendamise sümposioonil vaadati tulevikku // Eesti Töötervishoid (2008) 4, lk. 14.

Kristjuhan, Ü., Arvola, R. Töövõime- ja terviseaastate pikendamine // Eesti Töötervishoid (2008) 4, lk. 12-13.

Kristjuhan, Ü. Inimese vananemine // Hippokrates (2008) sept., lk. 454-458.

Kristjuhan, Ü. Nanomaterjalide seminar // Eesti Töötervishoid (2008) 2, lk. 28.

* Kristjuhan, Ü. Prolonging work ability in intellectual work // Promotion of work ability towards productive aging. London : Taylor & Francis, 2008. p. 209-212.

Kristjuhan, Ü. Youth maintenance and postponing human aging in reality // Rejuvenation research. 11 (2008) 2, p. 505-508.

Laidroo, L. Measuring public announcements' disclosure quality on Tallinn, Riga and Vilnius stock exchanges // Working papers in economics. Vol. 26 (TUTWPE No 181-184). Tallinn : Tallinn University of Technology, 2008. TUTWPE No 181, p. 5-27.

Laidroo, L. Public announcement induced market reactions on Baltic stock exchanges // Baltic journal of management. 3 (2008) 2, p. 174-192.

Laidroo, L., Rahu, K. Obzor fondovyh birž Tallinna, Rigi i Vil'njusa // Rynok cennyh bumag (2008) 2, lk. 65-69.

Leimann, J., Miettinen, A. Dissertations on organization and management in Estonia and Finland 1960–1989 // Working papers in economics. Vol. 25 (TUTWPE No 168-180). Tallinn : Tallinn University of Technology, 2008. TUTWPE No. 175, p. 91-102.

Leimann, J. Jaak Leimann: "Maailma parandamine algab iseendast" : [intervjuu] // Viruskundra : valitud lehekülgi Võrumaa kultuurilehest : (1989–2006). Võru : Dr.Fr.R.Kreutzwaldi Memoriaalmuuseum, 2008. lk. 87-89.

Leimann, J. Juhtimisuuringute usaldusväarsusest // Director (2008) 3, lk. 12.

* Lend, E., Uustalu, A.-M. The role of Rail Baltica and Baltic Tangent from the Baltic Sea region perspective // The 20th NOFOMA Anniversary conference : Helsinki, 4–6 June, 2008.

Lend, E. Aeg on luua Läänemere terviklik logistikasüsteem // Inseneeria (2008) 3, lk. 26.

Lend, E. Insenerid ja Ockhami habemenuga // Inseneeria (2008) 6, lk. 8.

* Leppiman, A. Asiakaslähtöisyys ja asikkaiden osallisuus arkipäivät perheleirityössä // Sosiaalityön tiede- ja teoriaperusta : sosiaalityön tutkimuksen seura & Kuopion yliopiston sosiaalityön ja sosiaalipedagogiikan laitoksen. Kuopio : Kuopio University Press, 2008.

Lumi, M. Majandusarvestuse alase hariduse uuringute ajaloost // Business analysis, accounting, taxes and auditing : proceedings of the conference = Majandusanalüüs, majandusarvestus, maksundus ja auditeerimine : konverentsikogumik : 6.–7.11.2008, Tallinn. Tallinn, 2008. lk. 350-357.

Lumiste, R., Roosimölder, L. Changes in innovative activities of Estonian firms in period 1995–2005 // Proceedings of the 6th International Conference of DAAAM Baltic "Industrial Engineering" : 24–26th April 2008, Tallinn, Estonia. [2]. Tallinn : Tallinn University of Technology, [2008]. p. 339-344.

Lumiste, R. The impact of delocalization on the European electronics industry // The moving frontier : the changing geography of production in labour-intensive industries. Hampshire : Ashgate, 2008. p. 177-203.

Lutsoja, K., Lutsoja, M. Economic growth, foreign investments and economic freedom : a case of transition economy // Business strategies for economies in transition : book of readings on CEE Countries. Cambridge : Cambridge Scholars Press, 2008. p. 127-146.

Lutsoja, K., Lutsoja, M. The main changes in financial behaviour of Estonian firms in transition economy // International business and economic research journal. 7 (2008) 1, [10] p.

Lutsoja, M., Lutsoja, K. Shortened IFRS standards – do they benefit to the harmonisation of accounting? The Estonian case // International review of business research papers. 4 (2008) 1, p. 217-226.

Löökene, I. Akadeemik Uno Mereste – 80 // Raamatupidamis uudised (2008) 4, lk. 51-53.

Löökene, I. Akadeemik Uno Mereste – 80 // Business analysis, accounting, taxes and auditing : proceedings of the conference = Majandusanalüüs, majandusarvestus, maksundus ja auditeerimine : konverentsikogumik : 6.–7.11.2008, Tallinn. Tallinn, 2008. p. 11-19.

Löökene, I. Majandusteadlane Vello Volt – 80 // Business analysis, accounting, taxes and auditing : proceedings of the conference = Majandusanalüüs, majandusarvestus, maksundus ja auditeerimine : konverentsikogumik : 6.–7.11.2008, Tallinn. Tallinn, 2008. lk. 313-317.

Mankin, R., Laas, T., Soika, E., Sauga, A., Rekker, A., Ainsaar, A., Ugaste, Ü. Coloured-noise-induced transitions in nonlinear structures // Nukleonika. 53 (2008) 3, p. 127-134.

Mankin, R., Sauga, A., Laas, T., Soika, E. Environmental-fluctuations-induced slow-fast cycles in ratio-dependent predator-prey systems // WSEAS transactions on systems. 6 (2007) 5, p. 934-941.

Mankin, R., Soika, E., Sauga, A., Ainsaar, A. Thermally enhanced stability in fluctuating bistable potentials // Physical review. E. 77 (2008) p. 051113-1 – 051113-9.

Mankin, R., Soika, E., Sauga, A. Multiple noise-enhanced stability versus temperature in asymmetric bistable potentials // WSEAS transactions on systems. 7 (2008) 3, p. 239-250.

* Mankin, R., Soika, E., Sauga, A. Double temperature-enhanced occupancy of metastable states in fluctuating bistable potentials // Advanced Topics on Mathematical Biology and Ecology : Proceedings of the 4th WSEAS International Conference on Mathematical Biology and Ecology (MABE'08). Acapulco : WSEAS, 2008. p. 24-28.

Maspanov, I., Tael, J. Eesti avaliku sektori siseauditi korralduse täiustamise võimalusi // Business analysis, accounting, taxes and auditing : proceedings of the conference =

Majandusanalüüs, majandusarvestus, maksundus ja auditeerimine : konverentsikogumik : 6.–7.11.2008, Tallinn. Tallinn, 2008. lk. 358-360.

McGee, R.W., Alver, J., Alver, L. The ethics of tax evasion : a survey of Estonian opinion // Taxation and public finance in transition and developing economies. [S.l.] : Springer, 2008. p. 527-550.

Metsala, E. Dinosaurius või dünamo? : mõtle, kuidas sina selle juhtimisülesande lahendaksid! // Director (2008) 7, lk. 46-49.

Metsala, E. Meeskond versus staar : Director murrab pead : [juhtimisülesanne] // Director (2008) 1, lk. 48-49.

Miina, A. Lean-tootmise esimesed sammud // Inseneeria (2008) 5, lk. 28-30.

Miina, A. Lean-tootmise järgmised sammud // Inseneeria (2008) 7, lk. 22-25.

* Miina, A. Ideas on implementing lean manufacturing in Estonia – critical success factors [Electronic resource] // Proceedings of the 15th International Annual EurOMA Conference : Groningen (The Netherlands), June 15–18, 2008. [CD-ROM].

Miina, A. Toyota perekonna ja Toyota tootmissüsteemi ajalugu // Inseneeria (2008) 2, lk. 36-38.

Must, M. Võrdsete ühinemise arvestus // Business analysis, accounting, taxes and auditing : proceedings of the conference = Majandusanalüüs, majandusarvestus, maksundus ja auditeerimine : konverentsikogumik : 6.–7.11.2008, Tallinn. Tallinn, 2008. lk. 361-364.

Mändmaa, S., Vainu, J. Constructing of factor indices : a new approach // The business review, Cambridge. 9 (2008) 2, p. 176-182.

* Mändmaa, S., Vainu, J. Distributing the increase of a phenomenon among factors and constructing of factor indeces // Global Business and Technology Association Tenth International Conference : Madrid, Spain, July 8–12, 2008 : readings book. Madrid, 2008. p. 673-680.

Nežerenko, O. Is there a place for problems of energy resource transit in the EU Baltic Sea strategy? // Socio-economic and institutional environment : harmonisation in the EU countries of Baltic Sea rim : a collection of research articles... . Tallinn, 2008. p. 48-56. (Proceedings of the Institute for European Studies, International University Audentes ; 4).

Org, A. Subjektiarendusest majandushariduses // Ühiskonna arengu majandus- ja sotsiaalprobleemid "globaalse küla" tingimustes : EABA teaduslik-praktilise konverentsi materjalid. Tallinn : Eesti-Ameerika Äriakadeemia, 2008. lk. 376-380.

Org, A. The basis for development for e-learning at universities in Estonia // The proceedings of e-leader (2008) Bangkok, [4] p.

Paadam, K., Liias, R. Knowledgeability and capacity of the owners : assuring professionalism when providing housing services // International journal environment and pollution. 35 (2008) 2/4, p. 205-218.

* Paadam, K., Ojamäe, L. Ideological shifts and shifting relations of actors in field of housing // Social Aspect of Housing Redevelopment. Housing in Ideologies : proceedings of CIB W069 – 21st and 22nd Housing Sociology Conference : 28 September – 2 October 2005, Maribor and 7–10 October 2004, Helsinki. Rotterdam : International Council for Research and Innovation in Building and Construction, 2008. p. 208-222. (CIB publications ; 317).

Põlajeva, T., Toompuu, K. The financing increase in public universities as one possibility for enlarging European competitiveness // 5th International Scientific Conference Business and Management' 2008 : conference proceedings. Vilnius : Technika, 2008. p. 197-198. Full paper on enclosed CD-ROM.

Põlajeva, T., Toompuu, K. The financing increase in public universities as one possibility for enlarging European competitiveness // 5th International Scientific Conference : Business and Management' 2008 : May 16–17, 2008, Vilnius, Lithuania : selected papers. Vilnius : Technika, 2008. p. 398-403.

Põlajeva, T. Analysing the governance's culture influence on the international business environment // 49th International Scientific Conference of Riga Technical University : The Problems of Development of National Economy and Entrepreneurship : RTU Scientific Conference on Economics and Entrepreneurship : (SCEE'2008) : 9–13 October, 2008, Riga : conference proceedings. Riga : RTU Publishing House, 2008. p. 128-129.

Põlajeva, T. Baltic university programme – an example of the cooperation in education of the Baltic Sea region // Materialy 6-j Meždunarodnoj naučno-tehničeskoj konferencii "Nauka – obrazovaniju, proizvodstvu, èkonomike". 6-j Meždunarodnyj naučno-praktičeskij seminar "Mirovaja èkonomika i biznes-administrirovanie malyh i srednih predpriyatij" : 31 janvarja – 2 fevralja 2008 goda. Minsk, 2008. lk. 319-325.

Põlajeva, T. Underdeveloped institutional framework – the main purpose for corruption // 5th International Scientific Conference : Business and Management' 2008 : conference proceedings. Vilnius : Technika, 2008. p. 195-196. Full paper on enclosed CD-ROM.

Põlajeva, T. Underdeveloped institutional framework – the main purpose for corruption // 5th International Scientific Conference : Business and Management' 2008 : May 16–17, 2008, Vilnius, Lithuania : selected papers. Vilnius : Technika, 2008. p. 392-397.

Raudonen, S. The impact of corporate taxation on foreign direct investment : a survey // Working papers in economics. Vol. 26 (TUTWPE No 181-184). Tallinn : Tallinn University of Technology, 2008. TUTWPE No 182, p. 29-50.

* Reimann, M., Ehrlich, Ü. Dependence of tourism destinations non-market value on visit rate : the contingent valuation case study of Jägala Waterfall // Management for Protection

and Sustainable Development : The Fourth International Conference on Monitoring and Management of Visitor Flows in Recreational and Protected Areas : Italy, 14–19 October 2008. Pisa : Pacini Editore Industrie, 2008. p. 239-242.

* Reinhold, K., Järvis, M., Tint, P. Workplace risk assessment as the main tool for prevention of accidents // 4th International Conference : Prevention of Occupational Accidents in a Changing Work Environment : book of abstracts : WOS2008 : 30 September – 3 October 2008, Crete, Greece. [S.l.], 2008. p. 93.

Reinhold, K., Tint, P., Tuulik, V., Saarik, S. Innovations at workplace : improvement of ergonomics // Engineering economics. 60 (2008) 5, p. 85-94.

Reinhold, K., Tint, P. Chemical risk assessment in the work environment // Environmental research, engineering and management. 46 (2008) 4, p. 48-55.

* Rillo, M., Jacobs, C.D. Team interaction, media attention and playfulness – the case of a televised management competition [Electronic resource] // European Group for Organization Studies (EGOS) Colloquium. EGOS Website, 2008. p. 28. Leitav: <http://www.egosnet.org>.

Rillo, M. Ideoloogia – kas Maslow püramiidi täiendav aste? // Director (2008) 7, lk. 16.

Rillo, M. Kuidas motiveerida motiveerimatut Madist? : [võistluse Juhtimisaju ülesanne] // Director (2007) 5, lk. 50.

Rillo, M. Studying strategy process in organizations that are structurally modulating between exploration and exploitation : comparison of computational modelling and case study approach // Working papers in economics. Vol. 25 (TUTWPE No 168-180). Tallinn : Tallinn University of Technology, 2008. TUTWPE No. 177, p. 115-134.

Rillo, M. Tasakaalus tulemuskaardi sobivusest ja mittesobivusest // Director (2008) 3, lk. 26.

* Rillo, M. Top management homophily impact on strategic issue selling // Academy of Management Annual Conference Business Policy and Strategy Professional Development Workshop Presentation in Anaheim. [S.l.], 2008. p. 30.

* Rillo, M. Using video cases to teach strategy – the case of "Management Brains" // Academy of Management Annual Conference Business Policy and Strategy Professional Development Workshop presentation in Anaheim. [S.l.], 2008. p. 18.

Siimann, P. A review of ratio classifications for financial statement analysis // Business analysis, accounting, taxes and auditing : proceedings of the conference = Majandusanalüüs, majandusarvestus, maksundus ja auditeerimine : konverentsikogumik : 6.–7.11.2008, Tallinn. Tallinn, 2008. p. 174-179.

Siimann, P. Analüüs ja selle rakendamine // Business analysis, accounting, taxes and auditing : proceedings of the conference = Majandusanalüüs, majandusarvestus, maksundus ja auditeerimine : konverentsikogumik : 6.–7.11.2008, Tallinn. Tallinn, 2008. lk. 365-368.

Siirak, V. Inimfaktorid töökeskkonnas – inimtegevuse tõrgete liigitused // Eesti Töötervishoid (2008) 2, lk. 8-10.

Siirak, V. Inimfaktorid töökeskkonnas – allikad ja lahendused // Eesti Töötervishoid (2008) 3, lk. 29-31.

Siirak, V. Inimfaktorid töökeskkonnas – eksimine on inimlik ka töö! // Eesti Töötervishoid (2008) 1, lk. 9-10.

Siirak, V. Moodle e-learning environment – an effective tool for a development of a learning culture // Hazards XX : process safety and environmental protection, harnessing knowledge, challenging complacency. Rugby : Institution of Chemical Engineers, 2008. p. 290-296. (Symposium series ; 154).

* Soika, E., Mankin, R., Sauga, A. Colored-noise-induced slow-fast cycles of the predator-prey communities with the Beddington-DeAngelis functional response // European Conference on Mathematical and Theoretical Biology : Edinburgh, 29th June – 4th July 2008.

Staehr, K. Fiscal policies and business cycles in an enlarged euro area // Economic systems. 32 (2008) 1, p. 46-69.

Sundgaard, E., Thomsen, J., Alver, J., Alver, L. Danish investors' demands on skills and attributes of local accounting staff, are they met? – the case of Estonia // Business analysis, accounting, taxes and auditing : proceedings of the conference = Majandusanalüüs, majandusarvestus, maksundus ja auditeerimine : konverentsikogumik : 6.–7.11.2008, Tallinn. Tallinn, 2008. p. 198-204.

* Sundgaard, E., Thomsen, J., Alver, J., Alver, L. How do employers of Danish subsidiaries in Estonia cope with the skills of local accounting staff? // The 31st Annual Congress of the European Accounting Association : Rotterdam, 23–25 April, 2008 : programme and collected abstracts. Rotterdam, 2008. p. 243.

Talmar, M. Juhtimismäng käib! // Director (2008) 3, lk. 28-29.

Talmar, M. Tipus läheb järjest kitsamaks! : juhtimismäng : [M.Rillo kommentaariga] // Director (2008) 4, lk. 54-55.

Talviste, R. Firmaväärtuste kajastamise arenguloost // Business analysis, accounting, taxes and auditing : proceedings of the conference = Majandusanalüüs, majandusarvestus, maksundus ja auditeerimine : konverentsikogumik : 6.–7.11.2008, Tallinn. Tallinn, 2008. lk. 369-376.

* Teder, J., Venesaar, U. Strategic management issues in Estonian SMEs with different growth orientation // SMEs in modern economics : selected issues. Gdansk : Gdansk University of Technology, 2008. p. 11-34.

Tepp, M. Parimate palkamisest ei piisa! // Director (2008) 8, lk. 14.

Tikk, J. Nüüdisaegse finantsarvestuse süsteemi arengust Eestis // Business analysis, accounting, taxes and auditing : proceedings of the conference = Majandusanalüüs, majandusarvestus, maksundus ja auditeerimine : konverentsikogumik : 6.–7.11.2008, Tallinn. Tallinn, 2008. lk. 377-382.

Tikk, J. Raamatupidamise aastaaruande lisadest // RP. = Raamatupidamise Praktik (2008) veebr., lk. 10-14.

* Tikk, J. The historical development of the accounting applications in Estonia // 12th World Congress of Accounting Historians (WCAH) : Istanbul - Turkey, July 20–24, 2008 : program and abstracts. [S.l.], 2008. p. 82.

* Tikk, J. The historical development of the accounting applications in Estonia // 12th World Congress of Accounting Historians (WCAH) : congress proceedings. I. Istanbul : Association of Accounting and Finance Academicians, 2008. p. 317-326.

* Tikk, J. Transfer of financial assets under factoring terms : the Estonian case [Electronic resourc] // Economy & business : journal international scientific publications, 2008. p. 479-488 [CD-ROM].

Tinits, M. Suhtenäitajate vahelised statistilised seosed // Business analysis, accounting, taxes and auditing : proceedings of the conference = Majandusanalüüs, majandusarvestus, maksundus ja auditeerimine : konverentsikogumik : 6.–7.11.2008, Tallinn. Tallinn, 2008. lk. 383-387.

* Tint, P., Reinhold, K. Improvement of health issues in educational institutions [Electronic resource] // Economy & business : journal international scientific publications. 2 (2008) p. 565-570 [CD-ROM].

* Tint, P., Reinhold, K. Measurement of work conditions and risk assessment in industry and offices // The proceedings of 34th ESReDA Seminar : San Sebastian, Spain, 2008.

Toots, A. About Karl Inno and his "Balance sheet analysis" // Business analysis, accounting, taxes and auditing : proceedings of the conference = Majandusanalüüs, majandusarvestus, maksundus ja auditeerimine : konverentsikogumik : 6.–7.11.2008, Tallinn. Tallinn, 2008. p. 205-209.

* Tosso, H., Tint, P., Aava, K. The management of risks at Estonian Railway Company and related activities // The proceedings of 34th ESReDA Seminar : San Sebastian, Spain, 2008, [10] p.

Valmra, E., Laamanen, T., Saukola, H. Content analysis of strategic issue research 1980–2006 // Working papers in economics. Vol. 25 (TUTWPE No 168-180). Tallinn : Tallinn University of Technology, 2008. TUTWPE No. 178, p. 135-148.

Venesaar, U., Jakobson, I. Assessment and promotion of entrepreneurial initiative and attitudes toward entrepreneurship : the case of Estonia // The dynamics between entrepreneurship, environment and education. [S.l.] : Edward Elgar Publishing, 2008. p. 149-167.

Venesaar, U., Liiv, S., Liiv, I., Pihlak, M. Entrepreneurial competence and the personal traits of an entrepreneur : analysis on the basis of students' self-evaluation // 5th International Scientific Conference : Business and Management' 2008 : conference proceedings. Vilnius : Technika, 2008. p. 156-157. Full paper on enclosed CD-ROM.

Venesaar, U., Liiv, S., Liiv, I., Pihlak, M. Entrepreneurial competence and the personal traits of an entrepreneur : analysis on the basis of students' self-evaluation // 5th International Scientific Conference : Business and Management' 2008 : May 16–17, 2008, Vilnius, Lithuania : selected papers. Vilnius : Technika, 2008. p. 320-326.

* Venesaar, U., Pihlak, M. Consequences of EU enlargement for development of entrepreneurship and cross-border co-operation in EU external border regions // Conference "Challenges and Prospects of Cross-Border Co-operation in the Context of EU Enlargement" (CBCED : Varna, Bulgaria, 2–4 July, 2008).

* Venesaar, U., Pihlak, M. Impact of EU enlargement for entrepreneurship development and cross-border co-operation in EU external border regions of Estonia // RENT XXII Conference – Research in Entrepreneurship and Small Business "Entrepreneurship as an Engine for Regional Development" : Covilha, Portugal, 20–21 November, 2008.

* Venesaar, U., Pihlak, M. Regional development and cross-border co-operation in EU external border regions of Estonia [Electronic resource] // 4th International Conference "Baltic Business and Socio-Economic Development" : Riga, Latvia, 30.September – 2.October 2008. [CD-ROM].

* Venesaar, U. Teaching entrepreneurship and business planning at Tallinn University of Technology // Teaching entrepreneurship : cases for education and training. Berlin : Springer, 2008. p. 15-22. (Contributions to management science).

Virovere, A., Rihma, M. Ethics auditing and conflict analysis as management tools // Working papers in economics. Vol. 26 (TUTWPE No 181-184). Tallinn : Tallinn University of Technology, 2008. TUTWPE No 184, p. 67-79.

Wahl, M.F. Governance and ownership : theoretical framework of research // Working papers in economics. Vol. 25 (TUTWPE No 168-180). Tallinn : Tallinn University of Technology, 2008. TUTWPE No. 179, p. 149-162.

* Wahl, M.F. Governance and ownership : practices in Estonia // 5th Workshop on Corporate Governance : Brussels, 27.–28.11.2008. Brussels : EIASM, 2008. [12] p.

Übi, E. A numerically stable least squares solution to the quadratic programming problem // Central European journal of mathematics. 6 (2008) 1, p. 171-178.

Übi, E. Taivo Arak : 02.11.1946 – 17.10.2007 : [in memoriam] // Tallinna Tehnikaülikooli aastaraamat 2007. Tallinn : TTÜ kirjastus, c2008. lk. 437-439.

Üksvärav, R. Kirst : kas taara või mööbel? // Director (2008) 10, lk. 16-17.

Üksvärav, R. Organization and management research in Estonia : quo vadis? // Working papers in economics. Vol. 25 (TUTWPE No 168-180). Tallinn : Tallinn University of Technology, 2008. TUTWPE No. 180, p. 163-68.

MATEMAATIKA–LOODUSTEADUSKOND

Raamatud

Aas, T., Harvig, V. (koost.). Tallinna Tähetorn. 5, nr. 1-6. Tallinn, 2008. 15, 20, 26, 41, 30 lk. (Tallinna Tähetorn ; 2008).

Aas, T., Harvig, V., Johani, T. Tallinna Tähetorni kalender 2008. Tallinn : Tallinna Tehnikaülikool, 2008. 72 lk.

Aas, T., Harvig, V., Johani, T. Kuukalender = Lunar calendar 2008. [Tallinn, 2007]. [14] lk.

Aas, T., Harvig, V., Johani, T. Kuukalender = Lunar calendar 2009. Tallinn, 2008. 26 lk.

Gavrilov, A. Kurs obščej fiziki. I tom, Osnovy klassičeskoj mehaniki. Osnovy molekularnoj fiziki i termodinamiki. Tallinn, 2008. 306 lk.

Hanbury-Tenison, R., Allen, C. jt. ; Pais, E. (tlk.). Seitsekümmend suurt reisi läbi aegade. Tallinn : Koolibri, c2008. 304 lk.

Janno, J. Arvutusmeetodid. [Tallinn] : TTÜ kirjastus, 2008. 182 lk.

Jõgi, A. Synthesis of 4'-substituted 2',3'-dideoxynucleoside analogues. Tallinn : TUT Press, 2008. 140 p. (Theses of Tallinn University of Technology. B, Thesis on natural and exact sciences ; 78).

Kadastik, M. Doubly charged Higgs boson decays and implications on neutrino physics. Tallinn : TUT Press, 2008. 109 p. (Theses of Tallinn University of Technology. B, Thesis on natural and exact sciences ; 79).

Kaldmäe, K., Kontson, A., Matiisen, K., Pais, E. Matemaatika 9. klassile. 2. osa. [Tallinn] : Avita, 2008. 199, [1] lk.

Kaljurand, M. Kemomeetria. Tallinn : TTÜ kirjastus, 2008. 139 lk.

Karelson, M., Tõldsepp, A. Himija : organiçeskaja himija : uõebnik dlja gimnazii. [Tallinn] : Koolibri, 2008. 231, [1] lk.

Kasemets, K., Kõiv, H., Jõgi, T. (koost.). Vastustega matemaatika õlesannete kogu riigieksamiks valmistujale. 3. Tallinn, 2008. 169, [3] lk.

Kask, M., Loitve, M. (koost.). Joonestamise harjutusõlesanded ehituserialadele. Tallinn, 2008. 20 lk.

Kask, M., Loitve, M. (koost.). Metallkonstruktsioonid : keevis- ja neetliited. Tallinn, 2008. 7 lk.

Kask, M., Loitve, M. (koost.). Elamu : metoodiline juhend. Tallinn, 2008. 15 lk.

Kask, M., Tõrn, L. (koost.). Poltliited : metoodiline juhend joonise vormistamiseks. Tallinn, 2008. 5 lk.

Kivinukk, A., Tamberg, G. (eds.). Approximations, Harmonic Analysis, Operators and Sequences : research communications of the workshop held in Narva-Jõesuu, Estonia, October 3–5, 2008. Tartu : Estonian Mathematical Society, 2008. 47, [1] p.

Koel, M. (ed.). Ionic liquids in chemical analysis. Boca Raton : CRC Press, [2008]. 414 p. (Analytical chemistry ; 3).

Mardla, V. Inhibition of platelet aggregation with combination of antiplatelet agents. Tallinn : TUT Press, 2008. 134 p. (Theses of Tallinn University of Technology. B, Thesis on natural and exact sciences ; 72).

Pérez-Caballero, F. Carbon aerogels from 5-methylresorcinol-formaldehyde gels. Tallinn : TUT Press, 2008. 111 p. (Theses of Tallinn University of Technology. B, Thesis on natural and exact sciences ; 80).

Puusemp, P. Tallinna Tehnikaõlikooli matemaatikainstituut 1936–2008. [Tallinn] : TTÜ kirjastus, 2008. 362 lk.

Sarmiento, C. Suppressors of RNA silencing in plants. Tallinn : TUT Press, 2008. 142 p. (Theses of Tallinn University of Technology. B, Thesis on natural and exact sciences ; 71).

Uudelepp, H., Lõhmus, A. Eksaminandile matemaatika riigieksamist 2008. Tallinn : Argo, 2008. 96 lk.

Vallas, E., Kogermann, E., Paluver, N., Türn, L., Annuka, H. (koost.). Tehnilise graafika kursus : harjutusülesanded. Tallinn : Tallinna Tehnikaülikool, 2008. 41 lk.

Villo, L. Stereoselective chemoenzymatic synthesis of deoxy sugar esters involving *Candida antarctica* lipase B. Tallinn : TUT Press, 2008. 116 p. (Theses of Tallinn University of Technology. B, Thesis on natural and exact sciences ; 75).

Artiklid

Aas, T., Harvig, V., Sinivee, V. Educational space physics and astronomical experiments at Tallinn Observatory = Õppeeksperimente Tallinna Tähetornis // Tallinna Tähetorn. 5 (2008) 6, p. 7-30.

Aas, T., Harvig, V. Dr. Wernher von Braun'i mälestuseks // Tallinna Tähetorni kalender 2008. Tallinn : Tallinna Tehnikaülikool, 2008. lk. 65-72.

Aas, T., Kestlane, Ü., Harvig, V., Rästas, M. RU Cam revised = Jälle RU Cam // Tallinna Tähetorn. 5 (2008) 3, lk. 7-26.

* Aav, R., Kanger, T., Lopp, M. Synthesis of 9,11-secoesterol D-ring synthon // *Balticum Organicum Syntheticum* : International Conference on Organic Synthesis : June 29 – July 2, 2008, Vilnius : program and abstract book. Vilnius, 2008.

Banci, L., Bertini, I., Ciofi-Baffoni, S., Janicka, A., Martinelli, M., Kozlowski, H., Palumaa, P. A structural-dynamical characterization of human Cox17 // *Journal of biological chemistry*. 283 (2008) 12, p. 7912-7920.

Banci, L., Bertini, I., Ciofi-Baffoni, S., Hadjiloi, T., Martinelli, M., Palumaa, P. Mitochondrial copper(I) transfer from Cox17 to Sco1 is coupled to electron transfer // *PNAS*. 105 (2008) 19, p. 6803-6808.

Borissova, M., Palk, K., Koel, M. Micellar electrophoresis using ionic liquids // *Journal of chromatography A*. 1183 (2008) 1/2, p. 192-195.

Colombo, A., Benfenati, E., Karelson, M., Maran, U. The proposal of architecture for chemical splitting to optimize QSAR models for aquatic toxicity // *Chemosphere*. 72 (2008) 5, p. 772-780.

Dorfmeister, B., Zeng, W.W., Löökene, A. et al. Effects of six APOA5 varianta, identified in patients with severe hyperglyceridemia, on in vitro lipoprotein lipase activity and receptor binding // *Arteriosclerosis, thrombosis, and vascular biology*. 28 (2008) 10, p. 1866-1871.

Drews, M., Hunt, R. Growth and production characteristics of four mammalian cell lines on a cost-effective serum-free medium // *Cells & Culture* : proceedings of 20th Meeting of the European Society for Animal Cell Technology (ESACT) : June 17–20, Dresden, Germany. [S.l.] : Kluwer Academic Publishers, 2008.

* Engelbrecht, J., Ravasoo, A., Janno, J. Nonlinear acoustic NDE-qualitative and quantitative effects // Multifunctional materials and structures : selected, peer reviewed papers from International Conference on Multifunctional Materials and Structures : July 28–31, 2008, Hong Kong, P.R.China. Stafa-Zurich : Trans Tech Publications Ltd, 2008. p. 17-20. (Advanced materials research ; 47/50).

* Fukumoto, Y., Kaplanski, F., Moffatt, H.K. Global time evolution of viscous vortex rings // Abstracts of IUTAM Symposium 150 years of Vortex Dynamics. [S.l.], 2008.

Fukumoto, Y., Kaplanski, F. Global time evolution of an axisymmetric vortex ring at low Reynolds numbers // Physics of fluids. 20 (2008) p. 053103-1 – 053103-13.

Ghazzali, M., Abu-Youssef, M., Larsson, K., Hansson, Ö., Amer, A., Tamm, T., Öhström, L. Synthesis, EPR and DFT calculations of rare Ag(II)porphyrins and the crystal structure of [Zn(II)tetrakis(4-bromo-2-thiophene)porphyrin] // Inorganic chemistry communications. 11 (2008) 9, p. 1019-1022.

* Gretšušnikova, T., Orav, A. Determination of the essential oil composition of *Acorus calamus* by capillary gas chromatography // 32nd International Symposium on Capillary Chromatography and 5th GC-GC Symposium : May 26–30, 2008, Riva del Garda, Italy : abstract book. [S.l.], 2008. p. P24.

Grossberg, M., Suurvarik, P. Füüsika piire ületamas // Tallinna Tehnikaülikooli aastaraamat 2007. Tallinn : TTÜ kirjastus, c2008. lk. 360-361.

Hansen, K., Kurg, R., Varvas, K., Valmsen, K., Järving, I., Järving, R., Samel, N. Cloning, expression and characterization of cyclooxygenase gene from amphipods // FEBS journal. 275 (2008) Suppl. 1, p. 403.

Harvig, V. Florida 1999 // Tallinna Tähetorni kalender 2008. Tallinn : Tallinna Tehnikaülikool, 2008. lk. 23-36.

Harvig, V. Kalifornia 2007 // Tallinna Tähetorni kalender 2008. Tallinn : Tallinna Tehnikaülikool, 2008. lk. 39-46.

* Helmja, K., Vaher, M., Orav, A., Viitak, A., Püssa, T., Kaljurand, M. Comprehensive investigation of *St. John's Wort* (*Hypericum perforatum*) : polyphenolic compounds, essential oils and metals // 14th International Symposium on Separation Science : Primosten, Croatia, 30 Sept. – 3 Oct. 2008. Zagreb : Croatian Society of Chemical Engineerings, 2008. p. 59.

Helmja, K., Vaher, M., Püssa, T., Kaljurand, M. The evaluation of the oxidation capability of bioactive compounds of *Solanum melongena* by capillary electrophoresis and by HPLC-MS/MS // XXIVth International Conference on Polyphenols : Polyphenols Communications 2008 : Salamanca, 8th –11th July 2008. Volume 1. [Salamanca, 2008]. p. 165-166.

Helmja, K., Vaher, M., Püssa, T., Raudsepp, P., Kaljurand, M. Evaluation of antioxidative capability of the tomato (*Solanum lycopersicum*) skin constituents by capillary electrophoresis and high-performanced liquid chromatography // *Electrophoresis*. 29 (2008) p. 3980-3988.

Hizhnyakov, V., Shelkan, A., Klopov, M., Sievers, A.J. Localized vibrations in perfect anharmonic lattices : trapping on phonos // *Journal of luminescence*. 128 (2008) 5/6, p. 995-997.

* Hussainov, M., Kartušinski, A., Rudi, Ü., Tisler, S., Štšeglov, I. Dispersion of solid particles in grid-generated turbulent flow // *ANSYS Workshop "Multiphase Flows – Simulation, Experiment and Application"* : 24–26 June 2008, Dresden, Germany. [Dresden, 2008].

Janno, J., Engelbrecht, J. Inverse problems related to a coupled system of microstructure // *Inverse problems*. 24 (2008) p. 045017 (15 p.).

Janno, J., Lorenzi, A. Recovering memory kernels in parabolic transmission problems // *Journal of inverse and ill-posed problems*. 16 (2008) 2, p. 239-265.

* Janno, J. A positivity principle for parabolic integro-differential equations and final overdetermination // *Direct, Inverse and Control Problems for PDE's : DICOP : Cortona, 22-26.09.2008* : abstracts, p. 12.

* Janno, J. Inverse problems for microstructured materials // *4th International Conference Inverse Problems : Modelling and Simulation : Fethiye, 26–30.05.2008* : abstracts, p. 85.

Jenkins, G., Phillips, D., Mikhailova, E.I., Timofejeva, L., Jones, R.N. Meiotic genes and proteins in cereals // *Cytogenetic and genome research*. 120 (2008) 3/4, p. 291-301.

Jõgi, A., Ilves, M., Paju, A., Pehk, T., Kailas, T., Mürsepp, A.-M., Lopp, M. Asymmetric synthesis of 4'-C-benzyl-2',3'-dideoxynucleoside analogues from 3-benzyl-2-hydroxy-2-cyclopenten-1-one // *Tetrahedron : asymmetry*. 19 (2008) 5, p. 628-634.

* Jõgi, A., Paju, A., Pehk, T., Lopp, M. Synthesis of 4'-substituted 2',3'-dideoxynucleoside analogues // *Balticum Organicum Syntheticum : International Conference on Organic Synthesis : June 29 – July 2, 2008, Vilnius* : program and abstract book. Vilnius, 2008. p. 97.

Jüriorg, U. Kes vajavad 3D-mudelit? // *Geodeet*. 37(61) (2008) lk. 39.

Kaer, K., Mätlik, K., Metsis, M., Speek, M. Combination of native and denaturing PAGE for the detection of protein binding regions in long fragments of genomic DNA // *BMC genomics*. 9 (2008) 272, [12] p.

Kahn, K., Kahn, I. Improved efficiency of focal point conformational analysis with truncated correlation consistent basis sets // *Journal of computational chemistry*. 29 (2008) 6, p. 900-911.

Kala, K., Jukkola, T., Pata, I., Partanen, J. Analysis of the midbrain-hindbrain boundary cell fate using a boundary cell-specific Cre-mouse strain // *Genesis*. 46 (2008) 1, p. 29-36.

Kaljurand, M., Koel, M., Vaher, M. Elektromigratsioonilised meetodid bioprotsesside analüüsis : kommentaar Eesti Vabariigi teaduse aastapreemia pälvinud tööde tsüklile // Tallinna Tehnikaülikooli aastaraamat 2007. Tallinn : TTÜ kirjastus, c2008. lk. 267-274.

Kalv, P., Aas, T., Harvig, V. Observations of RX Cassiopeiae // *Tallinna Tähetorn*. 5 (2008) 5, lk. 7-41.

Kalv, P., Aas, T., Harvig, V. The mystery of V2148 Cygni // *Tallinna Tähetorn*. 5 (2008) 1, lk. 7-15.

* Kampura, M., Stulova, I., Laht, T.-M. Pseudomonas spp in Estonian farm milk // Programme and abstract book the 21st International ICFMH Symposium "Evolving Microbial Food Quality and Safety" : Aberdeen, Scotland, 1–4 September 2008. Aberdeen, 2008. p. 464.

Kangro, I., Vaarmann, O. Two-parameter regularized Gauss-Newton type methods for highly nonlinear least squares problems // International Conference : 20th EURO Mini Conference "Continuous Optimization and Knowledge-based Technologies" (EurOPT-2008) : May 20–23, 2008, Neringa, Lithuania. Vilnius, 2008. p. 160-164.

Kaplanski, F., Fukumoto, Y., Sazhin, S.S. Vortex rings in a viscous fluid : asymptotic theory and numerical simulations // EUROMECH Fluid Mechanics Conference 7 : University of Manchester, 14–18 September 2008 : abstracts. [Manchester], 2008. p. 169.

Kaplanski, F., Fukumoto, Y. Global time evolution of an axisymmetric vortex ring at small Reynolds number // ICTAM2008 Adelaide : XXII International Congress of Theoretical and Applied Mechanics : abstracts book. [Adelaide, 2008]. p. 73.

Karafin, A., Palumaa, P., Tõugu, V. Interactions of zinc(II) and copper(II) to the full-length Alzheimer's amyloid-B peptide in vitro // *FEBS journal*. 275 (2008) Suppl. 1, p. 222.

Karelson, M., Dobchev, D., Tamm, T., Tulp, I., Jänes, J., Tämm, K., Lomaka, A., Savchenko, D., Karelson, G. Correlation of blood-brain penetration and human serum albumin binding with theoretical descriptors // *Arkivoc*. XVI (2008) p. 38-60.

Katritzky, A., Dobchev, D., Slavov, S., Karelson, M. Legitimate utilization of large descriptor pools for QSPR/QSAR models // *Journal of chemical information and modeling*. 48 (2008) 11, p. 2207-2213.

Katritzky, A.R., Dobchev, D., Stoyanova-Slavova, I.B., Kuanar, M., Bespalov, M.M., Karelson, M., Saarma, M. Novel computational models for predicting dopamine interactions // *Experimental neurology*. 211 (2008) 1, p. 150-171.

Katritzky, A.R., Kuanar, M., Stoyanova-Slavova, I.B., Slavov, S.H., Dobchev, D.A., Karelson, M., William, E.A.jr. Quantitative structure-property relationship studies on Ostwald solubility and partition coefficients of organic solutes in ionic liquids // *Journal of chemical and engineering data*. 53 (2008) 5, p. 1085-1092.

Katritzky, A.R., Slavov, S., Dobchev, D., Karelson, M. QSAR modeling of the antifungal activity against *Candida albicans* for a diverse set of organic compounds // *Bioorganic & medicinal chemistry*. 16 (2008) 14, p. 7055-7069.

Katritzky, A.R., Wang, Z., Slavov, S., Tsikolia, M., Dobchev, D. et al. Synthesis and bioassay of improved mosquito repellents predicted from chemical structure // *Proceedings of the National Academy of Sciences of the United States of America*. 105 (2008) 21, p. 7359-7364.

* Kivinukk, A., Tamberg, G. Approximation by generalized Shannon sampling operators generated by band-limited kernels [Electronic resource] // *GAMM2008 : 79th annual Meeting of the International Association of Applied Mathematics and Mechanics : University of Bremen, 31st March – 4th April 2008*. [CD-ROM].

* Klauson, D., Kritševskaja, M., Borissova, M., Preis, S. Aqueous photocatalytic oxidation of sulfamethizole // *The 5th European Meeting on Solar Chemistry and Photocatalysis : Environmental Applications (SPEA5) : 04–08 October 2008, Palermo, Italy : book of abstracts*. [Palermo], 2008. p. PP2.18.

Koel, M. Future prospects // *Ionic liquids in chemical analysis*. Boca Raton : CRC Press, [2008]. p. 397-399. (*Analytical chemistry ; 3*).

Koel, M. Molecular spectroscopy and ionic liquids // *Ionic liquids in chemical analysis*. Boca Raton : CRC Press, [2008]. p. 295-306. (*Analytical chemistry ; 3*).

Koel, M. Solvatochromic study on binary solvent mixtures with ionic liquids // *Zeitschrift für Naturforschung A*. 63 (2008) p. 505-512.

Kogerman, P. Vähiuuringutest Tallinna Tehnikaülikoolis // *Tallinna Tehnikaülikooli aastaraamat 2007*. Tallinn : TTÜ kirjastus, c2008. lk. 101-103.

* Komissarova, T., Kulp, M., Kaljurand, M. Application of polyether ether ketone capillary for electrophoretic separation of complicated biological samples // *22nd International Symposium on MicroScale Bioseparations & Methods for System Biology : March 9–13, 2008, Berlin, Germany*.

Kong, J., Kim, S.-R., Binley, K., Pata, I., Doi, K., Männik, J., Zernant-Rajang, J. et al. Correction of the disease phenotype in the mouse model of Stargardt disease by lentiviral gene therapy // *Gene therapy*. 15 (2008) p. 1311-1320.

Koppel, I., Pruunsild, P., Timmusk, T. Inimaju asümmeetriast, käelisusest ja skisofreeniast // *Tallinna Tehnikaülikooli aastaraamat 2007*. Tallinn : TTÜ kirjastus, c2008. lk. 109-112.

* Kotta, Ü., Leibak, A., Halas, M. Non-commutative determinants in nonlinear control theory : preliminary ideas // ICARCV 2008 : 10th International Conference on Control, Automation, Robotics & Vision : 17–20 December 2008, Hanoi, Vietnam. Piscataway : IEEE, 2008. p. 815-820.

Laars, M., Kriis, K., Kailas, T., Mürsepp, A.-M., Pehk, T., Kanger, T., Lopp, M. Structural constraints for C₂-symmetric heterocyclic organocatalysts in asymmetric aldol reactions // Tetrahedron : asymmetry. 19 (2008) p. 641-645.

Laht, S., Meerits, K., Altroff, H., Faust, H., Tsaney, R., Kogerman, P., Järvekülg, L., Paalme, V., Valkna, A., Timmusk, S. Generation and characterization of a single-chain Fv antibody against Gli3, a hedgehog signaling pathway transcription factor // Hybridoma. 27 (2008) 3, lk. 167-174.

* Laht, T.-M., Krisciunaite, T., Taivasalo, A. Effect of fat content and starter composition on casein hydrolysis and viscoelastic parameters during ripening of semi-hard Dutch-type cheeses // 5th IDF Symposium on Cheese Ripening : 9–13 March 2008, Bern, Switzerland. Bern, 2008. p. 136.

* Laks, T., Keba, E., Leiner, M., Merilind, E., Petersen, M., Reinmets, S., Väli, S., Sööt, T., Otter, K. Achieving lipid goals with rosuvastatin compared to simvastatin : DISCOVERY-beta study // Circulation : World Congress of Cardiology : Buenos Aires, 18–21 May, 2008, p. P302.

Laks, T., Keba, E., Leiner, M., Merilind, E., Petersen, M., Reinmets, S., Väli, S., Sööt, T., Otter, K. Achieving lipid goals with rosuvastatin compared with simvastatin in high risk patients in real clinical practice : a randomized, open-label, parallel-group, multi-center study : the DISCOVERY-beta study // Vascular health and risk management. 4 (2008) 6, p. 1147-1156.

Leeben, A., Alliksaar, T., Heinsalu, A., Lepane, V., Veski, S. Tracking changes in the organic matter in a lake palaeoecosystem : a spectrophotometric approach // Organic geochemistry. 39 (2008) 8, p. 915-918.

Leeben, A., Tõnno, I., Freiberg, R., Lepane, V., Bonningues, N., Makarõtševa, N., Heinsalu, A., Alliksaar, T. History of anthropogenically mediated eutrophication of Lake Peipsi as revealed by the stratigraphy of fossil pigments and molecular size fractions of pore-water dissolved organic matter // Hydrobiologia. 599 (2008) p. 49-58.

Leibak, A. An explicit construction of initial perfect quadratic forms over some families of totally real number fields // Algorithmic number theory : 8th International Symposium : ANTS-VIII " Banff, Canada, May 17–22, 2008 : proceedings. [S.l.] : Springer, 2008. p. 240-252. (Lecture notes in computer science ; 5011).

Lepane, V., Hinnov, M., Tõnno, I., Alliksaar, T. Spectroscopic analysis of chromatographically separated molecular fractions of sedimentary dissolved organic matter // Geophysical research abstracts. 10 (2008) [2] p.

Levandi, T., Leon, C., Kaljurand, M., Garcia-Ganas, V., Cifuentes, A. Capillary electrophoresis time-of-flight mass spectrometry for comparative metabolomics of transgenic versus conventional maize // *Analytical chemistry*. 80 (2008) 16, p. 6329-6335.

Lindholm, P., Peränen, J., Andressoo, J.-O., Kalkkinen, N., Kokaia, Z., Lindvall, O., Timmusk, T., Saarma, M. MANF is widely expressed in mammalian tissues and differently regulated after ischemic and epileptic insults in rodent brain // *Molecular and cellular neuroscience*. 39 (2008) p. 356-371.

Lopp, M. Keemikud disainivad, sünteesivad ja uurivad uusi bioaktiivseid ühendeid // Tallinna Tehnikaülikooli aastaraamat 2007. Tallinn : TTÜ kirjastus, c2008. lk. 98-100.

Lopp, M. Margus Lopp: Meie ajastu majanduse alus on orgaaniline keemia : [intervjuu] // *Ärielu* (2008) 7, lk. 20-23.

Lõhelaid, H., Järving, R., Samel, N. Generality of marine allene oxide synthesis by the allene oxide synthase-lipoxygenase fusion protein pathway // *FEBS journal*. 275 (2008) Suppl. 1, p. 413.

Lõhelaid, H., Järving, R., Valmsen, K., Varvas, K., Kreen, M., Järving, I., Samel, N. Identification of a functional allene oxide synthase-lipoxygenase fusion protein in the soft coral *Gersemia fruticosa* suggests the generality of this pathway in octocorals // *Biochimica et biophysica acta*. 1780 (2008) 2, p. 315-321.

Lõhmus, L., Harvig, V., Aas, T. A proposal from dr. E.Schoenberg and H.Mäe to establish an observatory to the Glehn's Park // *Tallinna Tähetorn*. 5 (2008) 2, lk. 7.

Lõhmus, L., Harvig, V., Aas, T. Dr. E.Schoenbergi ja H.Mäe ettepanek rajada Glehni parki tähetorn // *Tallinna Tähetorn*. 5 (2008) 2, lk. 8-20.

Makarõtševa, N., Lepane, V., Alliksaar, T., Tõnno, I. Analysis of pore water dissolved organic matter by UV-spectroscopy and spectral fluorescence signatures technology // *From Molecular Understanding to Innovative Applications of Humic Substances : proceedings of the 14th International Meeting of the International Humic Substances Society : September 14–19, 2008, Moscow-Saint Petersburg, Russia. Volume 1. Moscow, 2008. p. 269-272.*

Mankin, R., Laas, K., Laas, T., Reiter, E. Stochastic multiresonance and correlation-time-controlled stability for a harmonic oscillator with fluctuating frequency // *Physical review E*. 78 (2008) 3, p. 031120 [11 p.].

Mardla, V., Rätsep, I., Kobzar, G., Špitsmeister, M., Samel, N. Trombotsüütide agregatsiooni inhibeerimine B6-vitamiini vitameeridega in vitro koronaarhaigetel // *Eesti Arst* (2008) 12, lk. 923-929.

Mars, M. Rahvusvaheline konverents "The Modern Problems of Astronomy" // Tallinna Tähetorni kalender 2008. Tallinn : Tallinna Tehnikaülikool, 2008. lk. 47-54.

Martin, D., Sild, S., Maran, U., Karelson, M. QRSP modeling of the polarizability of polyaromatic hydrocarbons and fullerenes // Journal of physical chemistry C. 112 (2008) 13, p. 4785-4790.

Meier, M., Olsper, A., Sarmiento, C., Truve, E. Sobemovirus // Encyclopedia of virology, Third edition. Oxford : Elsevier, 2008. p. 644-652.

* Meier, M., Sarmiento, C., Olsper, A., Paves, H., Truve, E. Genomic organization and gene functions of sobemoviruses // XIV International Congress of Virology : Istanbul, 10–15 August, 2008, p. 213-214.

Menert, A., Vaalu, T., Michelis, M., Blonskaja, V., Rikmann, E., Mets, A., Vilu, R. Influence of thermal pre-treatment on mesophilic anaerobic digestion of sludges // The 7th International Conference : Environmental Engineering : May 22–23, 2008, Vilnius, Lithuania : selected papers. Volume II, Water engineering. Energy for buildings. Vilnius : Technika, 2008. p. 625-635.

Meronen, O., Tammeraid, I. Generalized linear methods and gap Tauberian remainder theorems // Mathematical modelling and analysis. 13 (2008) 2, p. 223-232.

Muks, E., Kelve, M., Lille, Ü. Matemaatika-loodusteaduskond // Leiutajaid ja leiutisi Tallinna Tehnikaülikoolis 1922–2007. Tallinn : TTÜ kirjastus, 2008. lk. 72-78.

Mägi, R., Hunt, T., Meister, K. From AutoCAD to PowerPoint [Electronic resource] // The 9-th International Conference on Geometry and Engineering Graphics : BALTGRAF-2008, June 5–6, Riga, Latvia : conference proceedings. [Riga] : Riga Technical University, [2008]. [3] p. [CD-ROM].

Mägi, R., Hunt, T., Meister, K. From AutoCAD to PowerPoint // Engineering Graphics BALTGRAF-9 : proceedings of the Ninth International Conference on Geometry & Engineering Graphics : June 5–6, 2008, Riga, Latvia. [Riga] : Riga Technical University, 2008. p. 167-172.

Mägi, R., Möldre, H. Some learning-videos [Electronic resource] // The 9-th International Conference on Geometry and Engineering Graphics : BALTGRAF-2008, June 5–6, Riga, Latvia : conference proceedings. [Riga] : Riga Technical University, [2008]. [2] p. [CD-ROM].

Mägi, R., Möldre, H. Some learning-videos // Engineering Graphics BALTGRAF-9 : proceedings of the Ninth International Conference on Geometry & Engineering Graphics : June 5–6, 2008, Riga, Latvia. [Riga] : Riga Technical University, 2008. p. 178-181.

Mägi, R. Blocks, layers, styles – possibilities and dangers [Electronic resource] // The 9-th International Conference on Geometry and Engineering Graphics : BALTGRAF-2008, June 5–6, Riga, Latvia : conference proceedings. [Riga] : Riga Technical University, [2008]. [3] p. [CD-ROM].

Mägi, R. Blocks, layers, styles – possibilities and dangers // Engineering Graphics BALTGRAF-9 : proceedings of the Ninth International Conference on Geometry & Engineering Graphics : June 5–6, 2008, Riga, Latvia. [Riga] : Riga Technical University, 2008. p. 103-107 p.

Mägi, R. Engineering graphics and clairvoyance [Electronic resource] // The 9-th International Conference on Geometry and Engineering Graphics : BALTGRAF-2008, June 5–6, Riga, Latvia : conference proceedings. [Riga] : Riga Technical University, [2008]. [3] p. [CD-ROM].

Mägi, R. Engineering graphics and clairvoyance // Engineering Graphics BALTGRAF-9 : proceedings of the Ninth International Conference on Geometry & Engineering Graphics : June 5–6, 2008, Riga, Latvia. [Riga] : Riga Technical University, 2008. p. 182-186.

Mägi, R. How to solve the task? [Electronic resource] // The 9-th International Conference on Geometry and Engineering Graphics : BALTGRAF-2008, June 5–6, Riga, Latvia : conference proceedings. [Riga] : Riga Technical University, [2008]. [3] p. [CD-ROM].

Mägi, R. How to solve the task? // Engineering Graphics BALTGRAF-9 : proceedings of the Ninth International Conference on Geometry & Engineering Graphics : June 5–6, 2008, Riga, Latvia. [Riga] : Riga Technical University, 2008. p. 173-177.

Mägi, R. New standards – new problems [Electronic resource] // The 9-th International Conference on Geometry and Engineering Graphics : BALTGRAF-2008, June 5–6, Riga, Latvia : conference proceedings. [Riga] : Riga Technical University, [2008]. [3] p. [CD-ROM].

Mägi, R. New standards – new problems // Engineering Graphics BALTGRAF-9 : proceedings of the Ninth International Conference on Geometry & Engineering Graphics : June 5–6, 2008, Riga, Latvia. [Riga] : Riga Technical University, 2008. p. 187-192.

Mällo, T., Kõiv, K., Koppel, I., Raudkivi, K., Uustare, A., Rinke, A., Timmus, T., Harro, J. Regulation of extracellular serotonin levels and brain-derived neurotrophic factor in rats with high and low exploratory activity // Brain research. 1194 (2008) p. 110-117.

Neuman, T. Inimese tüvirakud, nende potentsiaal uurimistöös ja meditsiinilised rakendused // Tallinna Tehnikaülikooli aastaraamat 2007. Tallinn : TTÜ kirjastus, c2008. lk. 104-108.

* Niidu, A., Kislitsõn, K., Paju, A., Kailas, T., Müürisepp, A.-M., Pehk, T., Lopp, M. Synthesis of chiral FHF-analogues // Balticum Organicum Syntheticum : International Conference on Organic Synthesis : June 29 – July 2, 2008, Vilnius : program and abstract book. Vilnius, 2008.

* Olsper, A., Meier, M., Peil, L., Truve, E. Sobemoviruses possess a common genome organization and a highly modified VPg protein // Genetic Control of Plant Pathogenic Viruses and their Vectors : towards new Resistance Strategies : El Puerto de Santa Maria, 23–27 November 2008, p. 35.

Orav, A., Raal, A., Arak, E. Essential oil composition of Pimpinella anisum L. fruits from various European countries // Natural product research. 22 (2008) 3, p. 227-232.

Paal, E., Vikerpu, J. Note on 2d binary operadic harmonic oscillator // Journal of generalized Lie theory and applications. 2 (2007) 3, p. 221-225.

Paal, E., Vikerpu, J. Note on operadic harmonic oscillator // Reports on mathematical physics. 61 (2008) 2, p. 207-212.

Paal, E. Moufang loops and generalized Lie-Cartan theorem // Journal of generalized Lie theory and applications. 2 (2008) 1, p. 45-49.

Paaver, U., Orav, A., Arak, E., Mäeorg, U., Raal, A. Phytochemical analysis of the essential oil of *Thymus serpyllum* L. growing wild in Estonia // Natural product research. 22 (2008) 2, p. 108-115.

* Paju, A., Hohlova, N., Pehk, T., Lopp, M. Asymmetric oxidation of 3-aminoethyl-1,2-cyclopentanedione : synthesis of spiro-g-lactone-g-lactam // Balticum Organicum Syntheticum : International Conference on Organic Synthesis : June 29 – July 2, 2008, Vilnius : program and abstract book. Vilnius, 2008. p. 143.

Palumaa, P. Uudsed suunad Alzheimeri tõve ravimiarenduses // Tallinna Tehnikaülikooli aastaraamat 2007. Tallinn : TTÜ kirjastus, c2008. lk. 113-116.

Peikolainen, A.-L., Perez-Caballero, F., Koel, M. Low-density organic aerogels from oil shale by-product 5-methylresorcinol // Oil shale. 25 (2008) 3, p. 348-358.

Pérez-Caballero, F., Peikolainen, A.-L., Koel, M. Preparation of nanostructured carbon materials // Proceedings of the Estonian Academy of Sciences. 57 (2008) 1, p. 48-53.

Pérez-Caballero, F., Peikolainen, A.-L., Uibu, M., Kuusik, R., Volobujeva, O., Koel, M. Preparation of carbon aerogels from 5-methylresorcinol-formaldehyde gels // Microporous and mesoporous materials. 108 (2008) p. 230-236.

* Pérez-Caballero, F., Peikolainen, A.-L., Koel, M., Herbert, M., Galindo, A., Montilla, F. Preparation of the catalyst support from the oil-shale processing by-product // The open petroleum engineering journal. 1 (2008) p. 42-46.

Peuša, H., Enno, T., Jakobson, I., Tsõmbalova, J., Ingver, A., Järve, K. Powder mildew resistance of Nordic spring wheat cultivars grown in Estonia // Acta agriculturae Scandinavica. Section B, Soil and plant science. 58 (2008) p. 289-296.

Phillips, D., Mikhailova, E., Timofejeva, L. et al. Dissecting meiosis in rye using translational proteomics // Annals of botany. 101 (2008) p. 873-880.

Pihlak, M. Approximation of multivariate distribution functions // Mathematica Slovaca. 58 (2008) 5, p. 635-652.

Pustõnski, V.-V. Programm "Constellation" // Tallinna Tähetorni kalender 2008. Tallinn : Tallinna Tehnikaülikool, 2008. lk. 55-64.

Puusemp, P. Characterizations of some wreath products of groups by their endomorphism semigroups // International journal of algebra and computation. 18 (2008) 2, p. 1-13.

* Päri, M., Paju, A., Pehk, T., Siirde, K., Lopp, M. Synthesis of novel acyclic nucleoside analogues // Balticum Organicum Syntheticum : International Conference on Organic Synthesis : June 29 – July 2, 2008, Vilnius : program and abstract book. Vilnius, 2008. p. 145.

Raal, A., Arak, E., Orav, A., Kailas, T., Müürisepp, A.-M. Variation in the composition of the essential oil of commercial Valeriana officinalis L. roots from different countries // Journal of essential oil research. 20 (2008) 6, p. 524-529.

Raal, A., Arak, E., Orav, A., Kailas, T., Müürisepp, A.-M. Composition of the essential oil of Levisticum officinale W.D.J. Koch from some European countries // Journal of essential oil research. 20 (2008) p. 318-322.

Raudsepp, P., Helmja, K., Raal, A., Vaher, M., Püssa, T. Comparative study of antioxidant capacity of Rheum rhaponticum root polyphenols // XXIVth International Conference on Polyphenols : Polyphenols Communications 2008 : Salamanca, 8th –11th July 2008. Volume 1. [Salamanca, 2008]. p. 231-232.

Rauhamaa, P., Kantola, M., Viitak, A., Kaasik, T., Mussalo-Rauhamaa, H. Selenium levels of Estonians // European journal of clinical nutrition. 62 (2008) 9, p. 1075-1078.

Reile, I., Paju, A., Eek, M., Pehk, T., Lopp, M. Aerobic oxidation of cyclopentane-1,2-diols to cyclopentane-1,2-diones on Pt/C catalyst // Synlett (2008) 3, p. 347-350.

* Reile, I., Paju, A., Pehk, T., Lopp, M. Mechanism of the asymmetric oxidation of cyclopentane-1,2-diones // Balticum Organicum Syntheticum : International Conference on Organic Synthesis : June 29 – July 2, 2008, Vilnius : program and abstract book. Vilnius, 2008. p. 155.

Reintamm, T., Kuusksalu, A., Metsis, M., Päri, M., Vallmann, K., Lopp, A., Justesen, J., Kelve, M. Sponge OAS has a distinct genomic structure within the 2-5A synthetase family // Molecular genetics and genomics. 280 (2008) p. 453-466.

Riismaa, T., Vaarmann, O. Optimizing the structure of multi-level processing system as a multi-objective optimization problem // Proceedings of the 67th meeting of the European Working Group "Multiple Criteria Decision Aiding". Jyväskylä : University of Jyväskylä, 2008. p. 79-93. (Reports of the Department of Mathematical Information Technology. Series A. Collections / University of Jyväskylä ; No.A1/2008).

* Rudi, Ü. Länderbericht Estland : energy policy and tools for a low-carbon generation in Estonia // Tagungsband Fachbereich Wirtschaftswissenschaften : 17. Zittauer Seminar zur

energiewirtschaftlichen Situation in den Ländern Mittel- und Osteuropas : Zittau, 04–06 Oktober 2007. Zittau : Hochschule Zittau, 2008. p. 150-161.

Rudi, Ü. Maailma Energieetikanõukogu juubelikongress // Tallinna Tehnikaülikooli aastaraamat 2007. Tallinn : TTÜ kirjastus, c2008. lk. 365-371.

* Rudi, Ü. The future development trends of the Estonian power system // 18. Zittauer Seminar zur energiewirtschaftlichen Situation in den Ländern Mittel- und Osteuropas : Zittau, 17–19 September 2008. Zittau : Hochschule Zittau, 2008. p. 159-170. (Wissenschaftliche Berichte / Hochschule Zittau ; 103).

Rätsep, I. Miks riided väsivad // Eesti Naine (2008) 10, lk. 106-108.

* Sazhin, S., Kaplanski, F., Begg, S., Heikal, M. Vortex rings in internal combustion engines : modelling versus experiment // Proceedings of the 19th International Symposium on Transport Phenomena (ISTP-19) : Reykjavik, Iceland, August 17–20, 2008. Reykjavik, 2008. p. 133-140.

* Sazhin, S., Kaplanski, F., Begg, S., Heikal, M. Vortex ring-like structures in gasoline fuel sprays : modelling and observations [Electronic resource] // ILASS 2008 : 22nd European Conference on Liquid Atomization and Spray Systems : September 8–10, 2008, Como Lake, Italy. [S.l.], 2008. p. paper 6-5 [CD-ROM].

Sazhin, S., Martynov, S., Kaplanski, F., Begg, S. Spray dynamics as a multi-scale process // Journal of physics : conference series. 138 (2008) p. 012024 [13 p.].

Segales, J., Olvera, A., Timmusk, S. et al. PCV-2 genotype definition and nomenclature // The veterinary record. 162 (2008) 26, p. 867-868.

Seiman, A., Vaher, M., Kaljurand, M. Monitoring of the electroosmotic flow of ionic liquid solutions in non-aqueous media using thermal marks // Journal of chromatography A. 1189 (2008) p. 266-273.

Shafqat, J., Ishrat, M., Jägerbrink, T., Sillard, R., Mäeorg, U., Efendic, S., Berggren, P.-O., Zaitsev, S., Jörnvall, H. Proteins in the insulin-secreting cell line MIN6 bind the imidazoline compound BL11282 // FEBS letters. 582 (2008) 11, p. 1613-1617.

Siddiqui, S.A., Sarmiento, C., Truve, E., Lehto, H., Lehto, K. Phenotypes and functional effects caused by various viral RNA silencing suppressors in transgenic *Nicotiana benthamiana* and *N. tabacum* // Molecular plant-microbe interactions. 21 (2008) 2, p. 178-187.

Siddiqui, S.A., Sarmiento, C., Kiisma, M., Koivumäki, S., Lemmetty, A., Truve, E., Lehto, K. Effects of viral silencing suppressors on tobacco ringspot virus infection in two *Nicotiana* species // Journal of general virology. 89 (2008) p. 1502-1508.

* Siddiqui, S.A., Sarmiento, C., Kiisma, M., Koivumäki, S., Lemmetty, A., Truve, E., Lehto, K. Effects of viral RNA silencing suppressors on tobacco ringspot virus infection in two

Nicotiana species // Keystone Symposia "RNAi, microRNA and non-coding RNA" : Whistler, Canada, 25–30 March 2008, p. 152.

* Siddiqui, S.A., Sarmiento, C., Kiisma, M., Koivumäki, S., Lemmetty, A., Truve, E., Lehto, K. Different viral RNA silencing suppressors have different effects on virus infection in two Nicotiana species // The 4th EPSO conference "Plants for Life" : Toulon, 22-26 June, 2008, p. 146.

Siegbahn, A., Johnell, M., Nordin, A., Åberg, M., Velling, T. TF/FVIIa transactivate PDGFR β to regulate PDGF-BB-induced chemotaxis in different cell types : involvement of Crc and PLC // Arteriosclerosis, thrombosis and vascular biology. 28 (2008) 1, p. 135-141.

* Siigur, E., Paalme, V., Trummal, K., Tõnismägi, K., Järvekülg, L., Subbi, J., Siigur, J. Vipera lebetina venom nerve growth factor // 16th European Section Meeting of the International Society on Toxinology : Leuven, Belgium, 7–10 September 2008 : book of abstracts, 2008. p. 55.

Sinivee, V., Kurik, L., Kallavus, U. Combined positioning system for mapping measured properties of objects of arbitrary shape // Proceedings of the 6th International Conference of DAAAM Baltic "Industrial Engineering" : 24–26th April 2008, Tallinn, Estonia. [1]. Tallinn : Tallinn University of Technology, [2008]. p. 183-188.

Sinivee, V., Kurik, L., Kallavus, U. Mobile photogrammetry for positioning measuring sensors // BEC 2008 : 2008 International Biennial Baltic Electronics Conference : proceedings of the 11th Biennial Baltic Electronics Conference : October 6–8, 2008, Tallinn, Estonia. [Tallinn] : Tallinn University of Technology, 2008. p. 227-230.

* Sinivee, V. A prototype gamma spectrometer-datalogger binds data to geographical coordinates and offers protection of measurement results // Innovative Algorithms and Techniques in Automation, Industrial Electronics and Telecommunications. [S.I.] : Springer, 2008.

Sinivee, V. Esimene sõprus takisti ja diodiga // Horisont (2008) 1, lk. 47-49.

Sinivee, V. Kolmas vaatus – elektronide gümnaстика "vedrudel" : ehitame arvutisse sobiva retrohõngulise nivooindikaatori // Horisont (2008) 3, lk. 52-53.

Sinivee, V. Kuues vaatus – uus element türistor // Horisont (2008) 6, lk. 52-53.

Sinivee, V. Seade eksperimendi kaugjuhtimiseks e-posti kaudu // Tallinna Tähetorni kalender 2008. Tallinn : Tallinna Tehnikaülikool, 2008. lk. 37-38.

Sinivee, V. Teine vaatus – peaosas kondensaatorid // Horisont (2008) 2, lk. 50-51.

Sinivee, V. Viies vaatus – tripoodide serenaad : väikesed ja kolme jalaga // Horisont (2008) 5, lk. 52-53.

Smirnova, J., Zhukova, L., Witkiewicz-Kucharczyk, A., Kopera, E., Oledzki, J., Wyslouch-Cieszynska, A., Palumaa, P., Hartwig, A., Bal, W. Reaction of the XPA zinc finger with S-nitrosoglutathione // *Chemical research in toxicology*. 21 (2008) p. 386-392.

Smirnova, J., Zovo, K., Chung, R.S., West, A.K., Palumaa, P. Metal-binding properties of unique Cys-deficient mammalian metallothionein – sheep MT-3 // *FEBS journal*. 275 (2008) Suppl. 1, p. 230.

Soesoo, A. Geoloogiateaduselt ühiskonnale // Tallinna Tehnikaülikooli aastaraamat 2007. Tallinn : TTÜ kirjastus, c2008. lk. 61-66.

Soesoo, A. Maapõuerikkused ühiskonna delikaatne arengumootor? // *Horisont* (2008) 6, lk. 32-34.

Soesoo, A. Mesozoic alkali basalts and felsic rocks in eastern Victoria, Australia // *Dyke swarms – time markets of crustal evolution*. Leiden : Taylor & Francis, 2008. p. 131-146.

Soesoo, A. Võrumaa köidab pinnamoe ja Devoni ajastu müüridega // *Eesti Loodus* (2008) 6, lk. 44-47.

* Tamberg, G. On norms of some Shannon sampling operators // *Approximations, Harmonic Analysis, Operators and Sequences : research communications of the workshop held in Narva-Jõesuu, Estonia, October 3–5, 2008*. Tartu : Estonian Mathematical Society, 2008. p. 45-47.

Tamm, K., Rõõm, M., Salumets, A., Metsis, M. Steroidhormoonide sihtmärkgeenid endomeetriumi rakuliinides // *Eesti Arst* (2008) 9, lk. 679.

Tamp, S., Danilas, K., Kreen, M., Vares, L., Kiirend, E., Vija, S., Pehk, T., Parve, O., Metsala, A. A total conformational analysis of diastereomeric esters and calculation of their conformational shielding models // *Journal of molecular structure : THEOCHEM*. 851 (2008) 1/3, p. 84-91.

Tiismus, L., Laht, P., Otsus, M., Veske, A. Identification and characterization of mouse plexin B3 promoter // *Biochemical and biophysical research communications*. 375 (2008) p. 11-15.

* Tiismus, L., Laht, P., Otsus, M., Veske, A. Characterization of the rodent PLXNB3 gene and its minimal promoter // *Axion guidance, synaptogenesis and neural plasticity : Cold Spring Harbor, 2008, September 10–14*. Cold Spring Harbor : Cold Spring Harbor Lab Press, 2008. p. 243.

Tilgar, V., Kilgas, P., Viitak, A., Reynolds, S.J. The rate of bone mineralization in birds is directly related to alkaline phosphatase activity // *Physiological and biochemical zoology*. 81 (2008) 1, p. 106-111.

Timmusk, T. Teaduspreemia arstiteaduse alal publikatsioonide tsükli "Närvisüsteemi haiguste molekulaarsetest mehhanismidest" eest : Tõnis Timmusk // Eesti Vabariigi teaduspreemiad 2008. Tallinn, 2008. lk. 98-109.

* Truve, E., Henning, J. Central and Eastern Europe – the roots of plant science // EPSO news (2008) 6, p. 1.

Tsõmbalova, J., Haljak, M., Ingver, A., Järve, K. Genetic diversity of Estonian-grown spring wheat varieties assessed by microsatellite and morphological analyses // Acta agriculturae Scandinavica. Section B, Soil and plant science. 58 (2008) p. 97-104.

Tšekulajeva, L., Tšekulajev, V., Ševtšuk, I. Active oxygen intermediates in the degradation of hematoporphyrin derivative in tumor cells subjected to photodynamic therapy // Journal of photochemistry and photobiology B : biology. 93 (2008) 2, p. 94-107.

Tõugu, V., Karafin, A., Palumaa, P. Binding of zinc(II) and copper(II) to the full-length Alzheimer's amyloid- β peptide // Journal of neurochemistry. 104 (2008) p. 1249-1259.

Vaarmann, O. Matemaatilise mõtteviisi osast ühiskonnas // Ühiskonna arengu majandus- ja sotsiaalprobleemid "globaalse küla" tingimustes : EABA teaduslik-praktilise konverentsi materjalid. Tallinn : Eesti-Ameerika Äriakadeemia, 2008. lk. 392-396.

Vaarmann, O. Some methods of parameter identification for multilayer neural networks // MODA 68 : 68th Meeting of the Euro Working Group Multiple Criteria Decision Aiding : October 2–3, 2008, Chania, Greece : abstracts and papers. [S.l., 2008]. [5] p.

Vaher, M., Kaljurand, M. Ionic liquids as background electrolyte additives in capillary electrophoresis // Ionic liquids in chemical analysis. Boca Raton : CRC Press, [2008]. p. 185-210. (Analytical chemistry ; 3).

* Vaher, M., Viitak, A., Makarõtševa, N., Muinasmaa, U., Kaljurand, M. Investigation of the stability of glutathione-metal complexes and related tetrapeptides-metal complexes using capillary electrophoresis, ETAAS and ICP-MS // 16th International Symposium on Capillary Electro-separation Techniques : Catania, Italy, August 31–September 4, 2008 : book of abstracts. Catania : Catania Ricerche, 2008. p. 80.

Vanatalu, K., Tsanev, R. Automatic fed-batch cultivation for economic in vivo isotopic labeling // Journal of biotechnology. 136 (2008) Suppl. 1, p. S512-S513.

Velling, T., Stefansson, A., Johansson, S. EGFR and [beta]1 integrins utilize different signaling pathways to activate Akt // Experimental cell research. 314 (2008) p. 309-316.

Vihma, H., Pruunsild, P., Timmusk, T. Alternative splicing and expression of human and mouse NFAT genes // Genomics. 92 (2008) p. 279-291.

Vilu, R. Sünteetilisest bioloogiast, aga ka GMOdest // Tallinna Tehnikaülikooli aastaraamat 2007. Tallinn : TTÜ kirjastus, c2008. lk. 93-97.

Woldersdorf, L.v., Janno, J. On the theory of convolution equations of the third kind, II // Journal of mathematical analysis and applications. 342 (2008) p. 838-863.

* Õunap, K., Joost, K., Kall, K., Krabbi, K., Laht, T.-M., Zordania, R. The diagnostics of inherited metabolic diseases in Estonia // Laboratorine medicina. 10 (2008) p. 17-18.

Übner, M., Kaljurand, M., Lopp, M. Comparison of humic acid and metal salt interactions in capillary electrophoresis // From Molecular Understanding to Innovative Applications of Humic Substances : proceedings of the 14th International Meeting of the International Humic Substances Society : September 14–19, 2008, Moscow-Saint Petersburg, Russia. Volume 1. Moscow, 2008. p. 133-136.

MEHAANIKATEADUSKOND

Raamatud

Abiline, I. Calibration methods of coating thickness gauges. Tallinn : TUT Press, 2008. 76 p. (Theses of Tallinn University of Technology. E, Thesis on mechanical and instrumental engineering ; 44).

Dudziak, R., Köhn, C., Sell, R. (eds.). Integrated systems and design : interstudy, May 9, 2008. [S.l.] : Kauno technologijos universitetas, 2008. 209 p.

Dudziak, R., Köhn, C., Sell, R. (eds.). Integrated systems and design. Tallinn : Tallinn University of Technology Press, 2008. 208 p.

Karjust, K. Integrated product development and production technology of large composite plastic products. Tallinn : TUT Press, 2008. 95 p. (Theses of Tallinn University of Technology. E, Thesis on mechanical and instrumental engineering ; 41).

Kimmari, E. Exothermically synthesized B4C-Al composites for dry sliding. Tallinn : TUT Press, 2008. 80 p. (Theses of Tallinn University of Technology. E, Thesis on mechanical and instrumental engineering ; 43).

Kleis, I., Kulu, P. Solid particle erosion : occurrence, prediction and control. [London] : Springer, c2008. 206 p.

Kulu, P. (koost.). Mehaanikateaduskond 2008. [Tallinn] : TTÜ kirjastus, 2008. 62 lk.

Küttner, R. (ed.). Proceedings of the 6th International Conference of DAAAM Baltic "Industrial Engineering" : 24–26th April 2008, Tallinn, Estonia. [1]. Tallinn : Tallinn University of Technology, [2008]. 288 p.

Küttner, R. (ed.). Proceedings of the 6th International Conference of DAAAM Baltic "Industrial Engineering" : 24–26th April 2008, Tallinn, Estonia. [2.]. Tallinn : Tallinn University of Technology, [2008]. 289-582, [2] p.

Laansoo, A., Saarna, M. Materjalitehnika. Tehnoloogiaprotsessid : laboratoorsete ja kodutööde juhendid. Tallinn : TTÜ kirjastus, 2008. 93 lk.

Loorits, K. (koost.). Eurokoodeks 3: Teraskonstruksioonide projekteerimine. Osa 1-4, Üldreeglid. Täiendavad reeglid roostevaba terase jaoks : Eesti standardi rahvuslik lisa. [Tallinn] : Eesti Standardikeskus, 2008. 7 lk. (Eesti standard ; EVS-EN 1993-1-4/NA:2008).

Lõun, K., Riives, J., Küttner, R., Otto, T., Hõbemägi, A., Lelumees, T., Halling, J. (koost.). Eesti ettevõtete suunalise uuringu raport, 2008. 109, [1] lk. + 1 CD.

Roosimölder, L. (ed.). Proceedings of NordDesign 2008 : August 21–23, 2008. Tallinn : TUT Press, 2008. 391 p.

Saarna, M. Fatigue characteristics of PM steels. [Tallinn] : TUT Press, 2008. 109 p. (Theses of Tallinn University of Technology. E, Thesis on mechanical and instrumental engineering ; 42).

Tammaru, T. (koost.). Kvaliteedijuhtimissüsteemid : juhised standardi ISO 9001:2000 rakendamiseks haridusasutustes. [Tallinn] : Eesti Standardikeskus, 2008. II, 29 lk. (Eesti standard ; EVS 902:2008).

Artiklid

Abiline, I., Laaneots, R., Leibak, A., Riim, J. The coating thickness and its definition // Proceedings of the 6th International Conference of DAAAM Baltic "Industrial Engineering" : 24–26th April 2008, Tallinn, Estonia. [1]. Tallinn : Tallinn University of Technology, [2008]. p. 13-18.

Antonov, M., Hussainova, I., Kimmari, E., Juhani, K. Verification of new 1000 [degree] C tester designed for investigation of wear-corrosion properties of advanced materials for high temperature applications // Proceedings of the 6th International Conference of DAAAM Baltic "Industrial Engineering" : 24–26th April 2008, Tallinn, Estonia. [2]. Tallinn : Tallinn University of Technology, [2008]. p. 395-399.

* Antonov, M., Hussainova, I. Subsurface of Cr₃C₂-Ni cermets modified by wear [Electronic resource] // Proceedings of the 10th International Conference of the European Ceramic Society. Baden-Baden : Göller Verlag, 2008. [CD-ROM].

* Antonov, M., Kulu, P., Sergejev, F., Hussainova, I., Veinthal, R. New high frequency surface fatigue wear tester : design and first results // Proceedings of Nordtrib 2008 : 13th Nordic Symposium on Tribology : Tampere, Finland, 10–13 June, 2008. [Tampere : Tampere University of Technology, 2008]. p. NT2008-87-24.

Arjassov, G., Petritšenko, A. Analysis of stress distribution in roots of bolt threads // Annals of DAAAM for 2008 & proceedings of the 19th International DAAAM Symposium : Intelligent Manufacturing & Automation : Focus on Next Generation of Intelligent Systems and Solutions. Vienna : DAAAM International Vienna, 2008. p. 35-36.

Arjassov, G., Petritšenko, A. Forced vibration of ladder frames under the action of repeated loading // Proceedings of the 6th International Conference of DAAAM Baltic "Industrial Engineering" : 24–26th April 2008, Tallinn, Estonia. [1]. Tallinn : Tallinn University of Technology, [2008]. p. 25-30.

* Arjassov, G., Petritšenko, A. Study of free vibrations of ladder reinforced with plates // The 4th International Conference Mechatronics Systems and Materials : MSM 2008 : Bialystok, Poland, 14–17 July, 2008. Bialystok : Bialystok Technical University, 2008. p. 116-117.

Arro, H., Pihu, T., Prikk, A., Rootamm, R. Extent of carbonate decomposition in CFB boilers firing Estonian oil shale // Circulating Fluidized Bed Technology IX : proceedings of the 9th International Conference on Circulating Fluidized Beds in conjunction with 4th International VGB Workshop "Operating Experience with Fluidized Bed Firing Systems" : May 13–16, 2008, Hamburg, Germany. Hamburg : TuTech Innovation GmbH, [2008]. p. 595-599.

Arro, H. Eesti lennuväelaste väljaõpetamisest Lätis // Eestlased Lätis. II raamat. Tallinn : Välis-Eesti, 2008. lk. 51-55.

Christophe, F., Ernits, M., Sell, R. Lab 7a: Machine vision – CMUcam3 and PC. Lab 7b: Machine vision – CMUcam3 and ATmega128. Lab 7c: Object tracking // Hands-on Lab exercises. [S.l.] : Vilniaus pedagoginis universitetas, [2008]. p. 107-126.

Christophe, F., Sell, R., Coatanea, E. Conceptual design framework supported by dimensional analysis and System Modelling Language // Estonian journal of engineering. 14 (2008) 4, p. 303-316.

* Christophe, F., Sell, R., Coatanea, E., Micaelli, J.-P. Integrated design framework : towards an approach for early design // International Conference on Engineering and Product Design Education : 4 & 5 September 2008, Barcelona, Spain. Barcelona : Universitat Politècnica de Catalunya, 2008.

Coatanea, E., Sell, R., Christophe, F. Overview and general definitions of the design process // Integrated systems and design : interstudy, May 9, 2008. [S.l.] : Kauno technologijos universitetas, 2008. p. 83-97.

Coatanea, E., Sell, R., Christophe, F. Practical example of the development stages of a mechatronic product // Integrated systems and design : interstudy, May 9, 2008. [S.l.] : Kauno technologijos universitetas, 2008. p. 99-115.

Eerme, M. Tugevusarvutused CAD programmis // Inseneeria (2008) 3, lk. 32-33 ; 4, lk. 22-24.

Gregor, A. Kõrgtasemel kõvapindamiseseade tõstab TTÜ konkurentsivõimet // Inseneeria (2008) 1, lk. 42.

Grossschmidt, G., Harf, M. Modelling and simulation of a hydraulic load-sensing system in the CoCoViLa environment // Proceedings of the 6th International Conference of DAAAM Baltic "Industrial Engineering" : 24–26th April 2008, Tallinn, Estonia. [1]. Tallinn : Tallinn University of Technology, [2008]. p. 83-88.

* Grossschmidt, G., Harf, M. Modelling and simulation of fluid power systems in an intelligent programming environment // 6th International Industrial Simulation Conference 2008 : ISC'2008 : June 9–11, 2008, Lyon, France : proceedings. Ostend : EUROSIS, 2008. p. 224-230.

* Grossschmidt, G., Harf, M. Multi-pole modelling and simulation of a hydraulic mechanical load-sensing system using the CoCoViLa programming environment // Proceedings of 6th International Fluid Power Conference "Fluid Power in Motion" : April 1st and 2nd 2008 in Dresden. Volume 2. Dresden : Dresden Verein zur Förderung der Fluidtechnik e.V., 2008. p. 553-568. 8

Hindreus, T., Martin, A., Reedik, V. Synergy-based design of light fittings // Proceedings of NordDesign 2008 : August 21–23, 2008. Tallinn : TUT Press, 2008. p. 29-38.

Hindreus, T., Reedik, V. Synergy-based approach to organisational quality // Proceedings of the 6th International Conference of DAAAM Baltic "Industrial Engineering" : 24–26th April 2008, Tallinn, Estonia. [1]. Tallinn : Tallinn University of Technology, [2008]. p. 89-94.

Hlebnikov, A., Siirde, A., Paist, A. The Estonian district heating networks major characteristic parameters difference from the optimal values and efficiency increasing potential // 5th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology : Kuressaare, January 14–19, 2008. [Tallinn] : Department of Electrical Drives and Power Electronics, 2008. p. 112-118.

* Hlebnikov, A., Siirde, A., Paist, A. The present water velocities and friction losses in Estonian old district heating networks and their difference from the optimum [Electronic resource] // The 5th Annual Conference of Young Scientists on Energy Issues : CYSENI 2008 : conference proceedings. Kaunas : Lithuanian Energy Institute, 2008. p. IV-18 – IV-25 [CD-ROM].

* Hlebnikov, A., Siirde, A., Paist, A. Efficiency of pipes thermal insulation in Estonian district heating networks [Electronic resource] // The 5th Annual Conference of Young Scientists on Energy Issues : CYSENI 2008 : conference proceedings. Kaunas : Lithuanian Energy Institute, 2008. p. IV-10 – IV-16 [CD-ROM].

* Hlebnikov, A., Siirde, A. The major characteristic parameters of the Estonian district heating networks and their efficiency increasing potential // Energetika. 54 (2008) 4, p. 67-74.

* Hlebnikov, A., Siirde, A. The major characteristic parameters of the Estonian district heating networks, their problems and development // The 11th International Symposium on District Heating and Cooling. Reykjavik : University of Iceland, 2008. p. 141-148.

Hussainova, I., Ghaemi, H. Biobearings : where mechanics meets biology // Proceedings of the Estonian Academy of Sciences. 57 (2008) 4, p. 232-240.

* Hussainova, I., Jasiuk, I., Du, X., Cabassa, D., Pirso, J. Mechanical properties of chromium carbide based cermets at micro-level [Electronic resource] // Proceedings of the PM08 World Congress on Powder Metallurgy and Particulate Materials : Washington, NY, USA, June 12–16. [S.l.] : Metal Powder Industry Publications, 2008. [CD-ROM].

* Hussainova, I., Jasiuk, I. Small scale mechanical properties of chromium carbide-based materials // Book of abstracts : Society of Engineering Science 45th Annual Technical Meeting : October 12–15, 2008, Urbana-Champaign, IL, USA, p. 377.

Hussainova, I., Schade, K.-P. Correlation between solid particle erosion of cermets and particle impact dynamics // Tribology international. 41 (2008) 4, p. 323-330.

Hüüs, M., Kask, Ü. 10 aastat Eesti Biokütuste Ühingut // Eesti Põlevloodusvarad ja -jätmed (2008) 1/2, lk. 4.

Ikonen, I., Kääriä, J., Gustafsson, E., Kask, Ü. Reed strategy in Finland and Estonia – interdisciplinary approach // Red up on reed!. Turku : Southwest Finland Regional Environment Centre, 2007. p. 116-123.

Janauskas, V., Kreivaitis, R., Kulu, P., Antonov, M., Milcius, D., Varnauskas, V. Research of abrasive erosion wear for Fe-C-Cr-B hard layers // Mechanika (2008) 4, p. 71-76.

Joost, R., Pirso, J., Viljus, M. Recycling of hardmetal scrap to WC-Co powder by oxidation-reduction process // Proceedings of the 6th International Conference of DAAAM Baltic "Industrial Engineering" : 24–26th April 2008, Tallinn, Estonia. [2]. Tallinn : Tallinn University of Technology, [2008]. p. 449-454.

Joost, R., Pirso, J., Viljus, M. The effect of carbon content on the mechanical and tribological properties of WC-Co cemented carbides // Proceedings of Nordtrib 2008 : 13th Nordic Symposium on Tribology : Tampere, Finland, 10–13 June, 2008. [Tampere : Tampere University of Technology, 2008]. [8] p.

Joost, R., Pirso, J., Viljus, M. Synthesis of an WC-Co composite material from the waste WC-Co bulk hardmetal // 17th International Baltic Conference : Materials Engineering 2008 : November 6–7, Kaunas, Lithuania : abstracts of papers. Kaunas : Technologija, 2008. p. 28.

Juhani, K., Kimmari, E., Kommel, L. Preparation of multiphase lightweight c-BN-based composite // International Powder Metallurgy Congress & Exhibition : EURO PM2008 : 29th September – 1st October 2008, Mannheim, Germany : proceedings. Vol. 1. Shrewsbury : European Powder Metallurgy Association, c2008. p. 231-236.

Juhani, K., Pirso, J., Viljus, M., Letunovitš, S. Sliding wear of chromium carbide based cermets under different wear conditions // Proceedings of the 6th International Conference of DAAAM Baltic "Industrial Engineering" : 24–26th April 2008, Tallinn, Estonia. [2]. Tallinn : Tallinn University of Technology, [2008]. p. 455-459.

Juhani, K., Pirso, J., Viljus, M., Letunovitš, S. Impact wear of chromium carbide based cermets // Materials science. 14 (2008) 4, p. 341-344.

Juhani, K., Pirso, J., Viljus, M., Letunovitš, S. Abrasive wear of chromium carbide based cermets // Tribologia : Finnish journal of tribology. 27 (2008) 2/3, p. 23-32.

Juhani, K., Pirso, J., Viljus, M., Letunovitš, S. Microstructure and properties of reactive sintered TiC-based cermets // International Powder Metallurgy Congress & Exhibition : EURO PM2008 : 29th September – 1st October 2008, Mannheim, Germany : proceedings. Vol. 3. Shrewsbury : European Powder Metallurgy Association, c2008. p. 89-94.

Juhani, K., Pirso, J., Viljus, M., Letunovitš, S. Impact wear of chromium carbide based cermets // 17th International Baltic Conference : Materials Engineering 2008 : November 6–7, Kaunas, Lithuania : abstracts of papers. Kaunas : Technologija, 2008. p. 27-28.

* Juhani, K., Pirso, J., Viljus, M., Letunovitš, S. Abrasive wear of chromium carbide based cermets // Proceedings of Nordtrib 2008 : 13th Nordic Symposium on Tribology : Tampere, Finland, 10–13 June, 2008. [S.l., 2008].

Karaulova, T., Kramarenko, S., Ševtšenko, E. Risk factors in project management life cycle // Proceedings of the 6th International Conference of DAAAM Baltic "Industrial Engineering" : 24–26th April 2008, Tallinn, Estonia. [2]. Tallinn : Tallinn University of Technology, [2008]. p. 327-332.

Karaulova, T., Preis, I., Pribytkova, M. Process analysis and reliability evaluation // Annals of DAAAM for 2008 & proceedings of the 19th International DAAAM Symposium : Intelligent Manufacturing & Automation : Focus on Next Generation of Intelligent Systems and Solutions. Vienna : DAAAM International Vienna, 2008. p. 701-702.

Karjust, K., Küttner, R., Pohlak, M. The production technology considerations of large composite parts // Proceedings of the 6th International Conference of DAAAM Baltic "Industrial Engineering" : 24–26th April 2008, Tallinn, Estonia. [1]. Tallinn : Tallinn University of Technology, [2008]. p. 251-256.

Karjust, K. Suuregabariidiliste plastdetailide tootearenduse meetoodika // Inseneeria (2008) 4, lk. 44-45.

Kask, Ü., Kask, L., Link, S., Lomunov, S. Biogaasi tootmiseks sobivatest biolagunevatest jäätmetest Eestis // Eesti Põlevloodusvarad ja -jäätmed (2008) 1/2, lk. 20-22.

Kask, Ü., Kask, L. Bioenergia // Roostike strateegia Väinamere piirkonnas 2008–2018. Tallinn : TTÜ kirjastus, 2008. lk. 35-42.

Kers, J., Goljandin, D., Majak, J. Using stochastic optimization for modelling of the new composite from recycled GFP // Proceedings of the 6th International Conference of DAAAM Baltic "Industrial Engineering" : 24–26th April 2008, Tallinn, Estonia. [2]. Tallinn : Tallinn University of Technology, [2008]. p. 461-466.

Kers, J., Kulu, P., Goljandin, D., Kaasik, M., Ventsel, T., Vilsaar, K., Mikli, V. Recycling of electronic wastes by disintegrator mills and study of the separation technique of different materials // Materials science. 14 (2008) 4, p. 296-300.

Kers, J., Kulu, P., Goljandin, D., Kaasik, M., Ventsel, T., Vilsaar, K., Mikli, V. Recycling of electronic wastes by disintegrator mills and study of the separation technique of different materials // 17th International Baltic Conference : Materials Engineering 2008 : November 6–7, Kaunas, Lithuania : abstracts of papers. Kaunas : Technologija, 2008. p. 43-44.

Kers, J., Majak, J. Modelling a new composite from a recycled GFRP // Mechanics of composite materials. 44 (2008) 6, p. 623-632.

Kers, J., Vilsaar, K. Segapakendijäätmete töötlemis- ja taaskasutustehnoloogiad // Keskkonnatehnika (2008) 2, lk. 38-41.

Kers, J. Komposiitplastist toodete valmistustehnoloogiad ja tootmisjäätmete ringlussevõtt // Keskkonnatehnika (2008) 5, lk. 18-22.

Kers, J. Üleilmne jäätmekäitlusele ja keskkonnahoidlikele tehnoloogiatele pühendatud sümposium REWAS 2008 // Keskkonnatehnika (2008) 8, lk. 23-25.

Kimmari, E., Kommel, L. Thermally induced cracking in aluminum/boron carbide composite // Proceedings of the 6th International Conference of DAAAM Baltic "Industrial Engineering" : 24–26th April 2008, Tallinn, Estonia. [2]. Tallinn : Tallinn University of Technology, [2008]. p. 467-472.

Klaasen, H., Kübarsepp, J., Roosaar, T., Sergejev, F., Talkop, A. Performance of carbide composites in cyclic loading conditions // International Powder Metallurgy Congress & Exhibition : EURO PM2008 : 29th September – 1st October 2008, Mannheim, Germany : proceedings. Vol. 1. Shrewsbury : European Powder Metallurgy Association, c2008. p. 237-242.

Klevtsov, I., Dedov, A., Molodtsov, A. Using of small punch test for determination of tensile properties for power plant steels // Proceedings of the 6th International Conference of DAAAM Baltic "Industrial Engineering" : 24–26th April 2008, Tallinn, Estonia. [2]. Tallinn : Tallinn University of Technology, [2008]. p. 473-477.

Klevtsov, I., Dedov, A., Bogoljubova, E., Bojarinova, T. Direct measurement of mechanical properties of metal to be used in manufacture of power plant equipment // Thermal engineering. 55 (2008) 5, p. 431-434.

Klevtsov, I., Dedov, A., Bogoljubova, E., Bojarinova, T. Prjamoe izmerenie mehaničeskikh svojstv metalla ènergetičeskogo oborudovanija // Teploènergetika (2008) 5, lk. 65-68.

Kollo, L., Kùbarsepp, J. Grain size-dependent mechanical and wear properties of TiC-FeNi steel cermets // Advances in Powder Metallurgy & Particulate Materials 2008. [Washington], c2008. p. 90-85.

Kommel, L., Kimmari, E. Multiphase microstructure forming purpose in lightweight composites // Proceedings of the 6th International Conference of DAAAM Baltic "Industrial Engineering" : 24–26th April 2008, Tallinn, Estonia. [2]. Tallinn : Tallinn University of Technology, [2008]. p. 479-484.

Kommel, L., Kimmari, E. Multiphase forming in lightweight composites during SHS reaction // Materials science. 14 (2008) 3, p. 242-246.

Kommel, L., Kimmari, E. Multiphase forming in lightweight composites during SHS reaction // 17th International Baltic Conference : Materials Engineering 2008 : November 6–7, Kaunas, Lithuania : abstracts of papers. Kaunas : Technologija, 2008. p. 19-20.

Kommel, L., Kimmari, E. Solid phase's transformations in boron carbide based composites during heat treatment // Solid state phenomena. 138 (2008) p. 175-180.

Kommel, L., Laev, N. Mechanism for single crystal refinement in high purity niobium during equal-channel angular pressing // Materials science. 14 (2008) 4, p. 319-323.

Kommel, L., Laev, N. Mechanism for single crystal refinement in high purity niobium during equal-channel angular pressing // 17th International Baltic Conference : Materials Engineering 2008 : November 6–7, Kaunas, Lithuania : abstracts of papers. Kaunas : Technologija, 2008. p. 12.

Kommel, L., Rõžkina, A., Vlasieva, I. Microstructural features of ultrafine grained copper under severe deformation // Materials science. 14 (2008) 4, p. 206-209.

Kommel, L., Rõžkina, A., Vlasieva, I. Relationship of strength and durability of nanometals // Latvijas kimijas žurnals = Latvian journal of chemistry (2008) 1, p. 55-61.

Kommel, L., Rõžkina, A., Vlasieva, I. Microstructural features of ultrafine grained copper under severe deformation // Materials science. 14 (2008) 3, p. 206-209.

Kommel, L., Rõžkina, A., Vlasieva, I. Microstructural features of ultrafine grained copper under severe deformation // 17th International Baltic Conference : Materials Engineering 2008 : November 6–7, Kaunas, Lithuania : abstracts of papers. Kaunas : Technologija, 2008. p. 15.

Kommel, L. Metals microstructure improving under hard cyclic viscoplastic deformation // Nanomaterials by severe plastic deformation IV. Part 1. [S.l.] : Trans Tech Publications, c2008. p. 361-366. (Materials science forum ; Vols. 584/586, Pt. 1).

Kommel, L. UFG microstructure processing by ECAP from double electron-beam melted rare metal // Nanomaterials by severe plastic deformation IV. Part 1. [S.l.] : Trans Tech Publications, c2008. p. 349-354. (Materials science forum ; Vols. 584/586, Pt. 1).

* Kramarenko, S., Ševtšenko, E., Karaulova, T., Wang, Y. Decision analysis in project management process // Journal of machine engineering. 8 (2008) 2, p. 104-111.

Kulu, P., Laansoo, A., Roosimölder, L. Eesti Mehaanikainseneride Liit. Eesti Keevitusühing. Eesti Materjalitehnika Ühing. Eesti Masinaehitusinseneride Selts. Mehaanikainseneri kutseid omistav organ // Mehaanikateaduskond 2008. [Tallinn] : TTÜ kirjastus, 2008. lk. 54-58.

Kulu, P., Laansoo, A., Roosimölder, L. Eesti Mehaanikainseneride Liit // Inseneeria (2008) 6, lk. 26-27.

Kulu, P., Otto, T. Mehaanikainseneride koolitusest // Mehaanikateaduskond 2008. [Tallinn] : TTÜ kirjastus, 2008. lk. 14-19.

Kulu, P., Veinthal, R., Käerdi, H., Tarbe, R. Abrasive wear resistance of powder composites at abrasive erosion and abrasive impact wear // Materials science. 14 (2008) 4, p. 328-332.

Kulu, P., Veinthal, R., Käerdi, H., Tarbe, R. Abrasive wear resistance of powder composites at AEW and AIW // 17th International Baltic Conference : Materials Engineering 2008 : November 6-7, Kaunas, Lithuania : abstracts of papers. Kaunas : Technologija, 2008. p. 62.

* Kulu, P., Veinthal, R., Käerdi, H., Tarbe, R. Abrasivity study of materials used at abrasive tests // Tribology 2008 : proceedings of the 9th International Tribology Conference : University of Pretoria, South Africa, 2-4 April 2008. [S.l.] : South African Institute of Tribology, 2008. p. 3.4(1)-3.4(10).

Kulu, P. Kuidas sündis see raamat : [sõnavõtt monograafia "Solid particle erosion" esitlusele] // Tallinna Tehnikaülikooli aastaraamat 2007. Tallinn : TTÜ kirjastus, c2008. lk. 390-392.

Kulu, P. Mehaanikateaduskond. Hetkeseis ja tulevikunägemus // Mehaanikateaduskond 2008. [Tallinn] : TTÜ kirjastus, 2008. lk. 7-13.

Kulu, P. Millist inseneri vajame? // Inseneeria (2008) 7, lk. 8-9.

Küttner, R. (comp.). Division of informatics and engineering // Estonian Academy of Sciences year book 2007. Tallinn, 2008. p. 25-26.

Küttner, R. (koost.). Informaatika ja tehnikateaduste osakond // Eesti Teaduste Akadeemia aastaraamat 2007. Tallinn : Eesti Teaduste Akadeemia, 2008. lk. 23-24.

Küttner, R., Reedik, V., Roosimölder, L. Rein Mesila : 11.11.1937 – 17.08.2007 : [in memoriam] // Tallinna Tehnikaülikooli aastaraamat 2007. Tallinn : TTÜ kirjastus, c2008. lk. 436-437.

Küttner, R. A stochastic programming model for supply chain planning // Proceedings of the 6th International Conference of DAAAM Baltic "Industrial Engineering" : 24–26th April 2008, Tallinn, Estonia. [2]. Tallinn : Tallinn University of Technology, [2008]. p. 333-338.

* Laaneots, R., Abiline, I., Nanits, M.-M., Riim, J. Offengelegte Patentanmeldung DE 10 2007 062966 A1. Methode zur Kalibrierung von Schichtdickennormalen // Patentblatt. 128 (2008) 26, p. 62484.

Laaneots, R. Mehaanika valdkond // Leiutajaid ja leiutisi Tallinna Tehnikaülikoolis 1922–2007. Tallinn : TTÜ kirjastus, 2008. lk. 79-91.

Laansoo, A. Taotlegem mehaanikainseneri kutset // Mehaanikateaduskond 2008. [Tallinn] : TTÜ kirjastus, 2008. lk. 59-62.

* Lavrentjev, J., Tiikoja, H. Investigation of wave propagation and radiation in ducts with arbitrary environment by using the three-microphone method // INTER-NOISE 2008 : 37th International Congress and Exposition on Noise Control Engineering : Shanghai, 26–29. October 2008 : proceedings.

Lille, H., Kõo, J., Rjabtšikov, A., Laaneots, R. Relaxation of residual stresses in brush-plated gold coating // Proceedings of the 6th International Conference of DAAAM Baltic "Industrial Engineering" : 24–26th April 2008, Tallinn, Estonia. [2]. Tallinn : Tallinn University of Technology, [2008]. p. 491-496.

Link, S., Arvelakis, S., Spliethoff, H., Waard, P.De, Samoson, A. Investigation of biomasses and chars obtained from pyrolysis of different biomasses with solid-state ¹³C and ²³Na nuclear magnetic resonance spectroscopy // Energy & fuels. 22 (2008) p. 3523-3530.

Link, S. Jäätmepõletus ja keskkonnakaitse // Keskkonnatehnika (2008) 5, lk. 14-16.

Loosaar, J., Arro, H., Nešumajev, D., Plamus, K., Ots, A., Parve, T., Pihu, T., Prikk, A., Rušeljuk, P. Firing Estonian oil shale fuel in CFB boilers // Circulating Fluidized Bed Technology IX : proceedings of the 9th International Conference on Circulating Fluidized Beds in conjunction with 4th International VGB Workshop "Operating Experience with Fluidized Bed Firing Systems" : May 13–16, 2008, Hamburg, Germany. Hamburg : TuTech Innovation GmbH, [2008]. p. 601-606.

Lõun, K., Riives, J., Otto, T. Necessity for e-manufacturing model in tooling cluster and its essence // Proceedings of the 6th International Conference of DAAAM Baltic "Industrial Engineering" : 24–26th April 2008, Tallinn, Estonia. [2]. Tallinn : Tallinn University of Technology, [2008]. p. 345-350.

Majak, J., Küttner, R., Pohlak, M., Eerme, M., Karjust, K. Application of evolutionary methods for solving optimization problems in engineering // Proceedings of NordDesign 2008 : August 21–23, 2008. Tallinn : TUT Press, 2008. p. 39-48.

* Majak, J., Pohlak, M., Eerme, M., Küttner, R., Karjust, K. Artificial neural networks and genetic algorithms in engineering design // International Conference on Engineering Optimization : Rio de Janeiro, Brazil, 2008 : conference proceedings.

* Majak, J., Pohlak, M. Optimal material orientation of linear and non-linear elastic 3D anisotropic materials // Proceedings of Second International Conference on Multidisciplinary Design Optimization and Applications : Gijon, Spain, 3–5 September 2008. Gijon, 2008.

Majak, J., Toompalu, S., Pohlak, M. Material parameters identification by use of hybrid GA // Journal of achievements in materials and manufacturing engineering. 27 (2008) 1, p. 63-66.

Matsi, B., Lõun, K., Otto, T., Roosimölder, L. Data mining in production management and manufacturing // Annals of DAAAM for 2008 & proceedings of the 19th International DAAAM Symposium : Intelligent Manufacturing & Automation : Focus on Next Generation of Intelligent Systems and Solutions. Vienna : DAAAM International Vienna, 2008. p. 827-828.

Nešumajev, D., Tiikma, T. Radiation heat transfer of turbulator inserts in gas heated channels // Heat transfer research. 39 (2008) 5, p. 403-412.

Ots, A., Prikk, A. Uwe Soodla : 25.07.1930 – 23.02.2007 : [in memoriam] // Tallinna Tehnikaülikooli aastaraamat 2007. Tallinn : TTÜ kirjastus, c2008. lk. 427-428.

Ots, A. Ilmar Öpik teadlasena // Tallinna Tehnikaülikooli aastaraamat 2007. Tallinn : TTÜ kirjastus, c2008. lk. 283-286.

* Otto, T., Riives, J., Lõun, K. Productivity improvement through monitoring of human resources competence level // DAAAM international scientific book 2008. Vienna : DAAAM International Vienna, 2008. p. 565-576.

Paist, A. Teadlaseks kujunemisest : [kõne I.Öpiku mälestuskonverentsil] // Tallinna Tehnikaülikooli aastaraamat 2007. Tallinn : TTÜ kirjastus, c2008. lk. 279-283.

Pappel, T., Põdra, P., Järvpõld, N. A non-linear deformation model for particle impact process // 17th International Baltic Conference : Materials Engineering 2008 : November 6–7, Kaunas, Lithuania : abstracts of papers. Kaunas : Technologija, 2008. p. 12-13.

* Pels, J.R., Alakangas, E., Vivarelli, F., Parve, T. et al. Phydades/BIODAT – building a database for biomass fuels and ashes using CEN standards and training of its users // 16th European Biomass Conference & Exhibition : from Research to Industry and Markets : proceedings of the International Conference held in Valencia, Spain, 2–6 June 2008. Florence : ETA-Renewable Energies, 2008. p. 402-427.

Pertmann, I. Wind turbine effects to the environment and people // 5th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology : Kuressaare, January 14–19, 2008. [Tallinn] : Department of Electrical Drives and Power Electronics, 2008. p. 133-139.

Pihl, T., Vainola, V., Pihl, R. The properties of different barrier coatings // Proceedings of the 6th International Conference of DAAAM Baltic "Industrial Engineering" : 24–26th April 2008, Tallinn, Estonia. [2]. Tallinn : Tallinn University of Technology, [2008]. p. 519-524.

Pirso, J., Viljus, M., Joost, R., Juhani, K., Letunovitš, S. Microstructure evolution in WC-Co composites during reactive sintering from nanocrystalline powders [Electronic resource] // Advances in Powder Metallurgy & Particulate Materials 2008. [Washington], c2008. [12] p. [CD-ROM].

Pitkänen, T., Meriste, M., Kikas, T., Kask, Ü. Reed resource mapping in Finland and Estonia // Red up on reed!. Turku : Southwest Finland Regional Environment Centre, 2007. p. 11-16.

* Plamus, K., Pihu, T. Firing Estonian oil shale fuel in circulating fluidized bed boilers [Electronic resource] // The 5th Annual Conference of Young Scientists on Energy Issues : CYSENI 2008 : conference proceedings. Kaunas : Lithuanian Energy Institute, 2008. [CD-ROM].

Plamus, K. Extent of carbonate decomposition in CFB boiler firing oil shale with different properties // 5th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology : Kuressaare, January 14–19, 2008. [Tallinn] : Department of Electrical Drives and Power Electronics, 2008. p. 39-43.

Podgurski, V., Nisumaa, R., Gregor, A., Adoberg, E., Kulu, P. Roughness of TiN and nanocomposite nc-Ti1-xAlxN/ α -Si3N4 surface evaluated by means of AFM // Latvijas kimijas žurnals = Latvian journal of chemistry (2008) 1, p. 62-66.

Pohlak, M., Majak, J., Eerme, M. Optimization of car frontal protection systems // Proceedings of the 6th International Conference of DAAAM Baltic "Industrial Engineering" : 24–26th April 2008, Tallinn, Estonia. [1]. Tallinn : Tallinn University of Technology, [2008]. p. 123-128.

* Pohlak, M., Majak, J., Karjust, K., Küttner, R. Optimization study of composite bathtub // Proceedings of Second International Conference on Multidisciplinary Design Optimization and Applications : Gijon, Spain, 3–5 September 2008. Gijon, 2008.

Pohlak, M. Sammvormimine – kas väikeettevõtja edutegur? // Inseneeria (2008) 1, lk. 57.

Poobus, A., Kask, Ü., Reinola, L. Munitsipaalreoveepuhastite muda energeetilise kasutamise võimalustest // Eesti Põlevloodusvarad ja -jätmed (2008) 1/2, lk. 19.

Puust, R. Veelekete hindamine veektorustikes SCEM-UA meetodil // Inseneria (2008) 2, lk. 54-55.

Raba, K., Kulderknap, E. Mobile phones control set dimensional chain calculation involving measurement uncertainty // Proceedings of the 6th International Conference of DAAAM Baltic "Industrial Engineering" : 24–26th April 2008, Tallinn, Estonia. [1]. Tallinn : Tallinn University of Technology, [2008]. p. 129-134.

Reinola, L. Technologies and experiences for using sewage sludge as a fuel // 5th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology : Kuressaare, January 14–19, 2008. [Tallinn] : Department of Electrical Drives and Power Electronics, 2008. p. 48-52.

Resev, J., Roosimölder, L., Siitas, M. Over- and understeering with a limited slip differential // Proceedings of NordDesign 2008 : August 21–23, 2008. Tallinn : TUT Press, 2008. p. 358-365.

Resev, J., Roosimölder, L., Siitas, M. Switching process in limited slip differential // Proceedings of the 6th International Conference of DAAAM Baltic "Industrial Engineering" : 24–26th April 2008, Tallinn, Estonia. [1]. Tallinn : Tallinn University of Technology, [2008]. p. 153-158.

Riives, J., Lõun, K., Otto, T. E-tootmine vähendab kulusid // Ärielu (2008) 44, lk. 52-53.

Roosaar, T., Kübarsepp, J., Klaasen, H., Viljus, M. Wear performance of TiC-base cermets // Materials science. 14 (2008) 3, p. 238-241.

Roosaar, T., Kübarsepp, J., Klaasen, H., Viljus, M. Wear performance of TiC-base cermets // 17th International Baltic Conference : Materials Engineering 2008 : November 6–7, Kaunas, Lithuania : abstracts of papers. Kaunas : Technologija, 2008. p. 32.

* Roosaar, T., Kübarsepp, J., Klaasen, H., Viljus, M. Adhesion wear performance of carbide-base composites // Proceedings of Nordtrib 2008 : 13th Nordic Symposium on Tribology : Tampere, Finland, 10–13 June, 2008. [Tampere : Tampere University of Technology, 2008]. [10] p.

Rušeljuk, P. Fuel distribution at simultaneous power and heat generation // 5th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology : Kuressaare, January 14–19, 2008. [Tallinn] : Department of Electrical Drives and Power Electronics, 2008. p. 222-226.

* Rämmal, H., Abom, M. Testrig for characterization of turbo-compressor acoustic properties [Electronic resource] // Proceedings of the 29th International AIAA Aeroacoustics Conference : Vancouver, Canada, 2008, ? p. [CD-ROM].

* Rämmal, H., Lavrentjev, J. Sound reflection from subsonic flow duct termination exhausting hot jet // INTER-NOISE 2008 : 37th International Congress and Exposition on Noise Control Engineering : Shangai, 26–29. October 2008 : proceedings.

Rämmal, H., Lavrentjev, J. Sound reflection at an open end of a circular duct exhausting hot gas // Noise control engineering journal. 56 (2008) 2, p. 107-114.

Saarna, M., Peetsalu, P. Effect of mean stress on fatigue strength of duplex steels in synthetic white water environment // Proceedings of the 6th International Conference of DAAAM Baltic "Industrial Engineering" : 24–26th April 2008, Tallinn, Estonia. [2]. Tallinn : Tallinn University of Technology, [2008]. p. 531-536.

* Seiler, S., Köhn, C., Sell, R., Otto, T. Innovative study kit for advanced mechatronic experiments // 9th International Workshop on Research and Education in Mechatronics : Bergamo, Italy, 2008.

Sell, R., Coatanea, E., Christophe, F. Important aspects of early design in mechatronic // Proceedings of the 6th International Conference of DAAAM Baltic "Industrial Engineering" : 24–26th April 2008, Tallinn, Estonia. [1]. Tallinn : Tallinn University of Technology, [2008]. p. 177-182.

Sell, R., Hiiemaa, M. Lab 3: Actuators : the actuator board. Lab 3a: Permanent-magnet DC motors. Lab 3b: Radio-controlled (RC) servo motors. Lab 3c: Stepper motors // Hands-on Lab exercises. [S.l.] : Vilniaus pedagoginis universitetas, [2008]. p. 51-78.

Sell, R., Tamre, M., Lehtla, M., Rosin, A. A conceptual design method for the general electric vehicle // Estonian journal of engineering. 14 (2008) 1, p. 3-16.

Sell, R. Motivation and overview // Integrated systems and design : interstudy, May 9, 2008. [S.l.] : Kauno technologijos universitetas, 2008. p. 11-12.

* Sell, R. System design and hands-on tools for automotive industry and study process // Creative and complex design seminar proceedings. Helsinki : Helsinki University of Technology, 2008. p. 27-29.

Sergejev, F., Antonov, M., Gregor, A., Hussainova, I., Kulu, P., Kübarsepp, J. Investigation of the surface fatigue of carbide composites and PVD hard coatings // Proceedings of the 6th International Conference of DAAAM Baltic "Industrial Engineering" : 24–26th April 2008, Tallinn, Estonia. [2]. Tallinn : Tallinn University of Technology, [2008]. p. 543-548.

Sergejev, F., Preis, I., Hussainova, I., Kübarsepp, J. Fatigue mechanics of TiC-based cemented carbides // Proceedings of the institution of mechanical engineers. Part J, Journal of engineering tribology. 222 (2008) 3, p. 201-209.

Siirde, A., Martins, A. Possibilities for reducing the circulation ratio and mass of ashes in the furnaces of circulating fluidized bed boilers // Circulating Fluidized Bed Technology IX : proceedings of the 9th International Conference on Circulating Fluidized Beds in conjunction

with 4th International VGB Workshop "Operating Experience with Fluidized Bed Firing Systems" : May 13–16, 2008, Hamburg, Germany. Hamburg : TuTech Innovation GmbH, [2008]. p. 363-368.

Siirde, A. Oil shale – global solution or part of the problem? : editor's page // Oil shale. 25 (2008) 2, p. 201-202.

Sivitski, A., Ajaots, M., Põdra, P. Wear of PVD hard coatings in sliding contacts // Proceedings of the 6th International Conference of DAAAM Baltic "Industrial Engineering" : 24–26th April 2008, Tallinn, Estonia. [2]. Tallinn : Tallinn University of Technology, [2008]. p. 549-554.

* Sonk, K., Otto, T., Eerme, M. Three dimensional printing – possibilities and limitations in digital factory // MITIP 2008 : 10th International Conference on the Modern Information Technology in the Innovation Processes of the Industrial Enterprises : Praha, 12–14 November 2008. 1. Pilsen : University of West Bohemia, 2008. p. 187-192.

Sonk, K. Kahe tunniga V-mootorini // Inseneria (2008) 2, lk. 44-45.

Stepanov, A., Laansoo, A. Improvement of productivity in AI welding // Proceedings of the 6th International Conference of DAAAM Baltic "Industrial Engineering" : 24–26th April 2008, Tallinn, Estonia. [2]. Tallinn : Tallinn University of Technology, [2008]. p. 363-368.

Suik, H., Pihu, T., Molodtsov, A. Wear of the fuel supply system of CFB boilers // Oil shale. 25 (2008) 2, p. 209-216.

Surženkov, A., Kulu, P., Gregor, A., Vuoristo, P., Latokartano, J., Rupponen, M. Laser treatment of PVD coated carbon steels and powder steels // Materials science. 14 (2008) 4, p. 301-305.

Surženkov, A., Kulu, P., Gregor, A., Vuoristo, P., Latokartano, J., Rupponen, M. Laser treatment of PVD coated carbon steels and powder steels // 17th International Baltic Conference : Materials Engineering 2008 : November 6–7, Kaunas, Lithuania : abstracts of papers. Kaunas : Technologija, 2008. p. 58.

Surzhenkov, A., Allikas, G., Zimakov, S., Kulu, P., Müller, H. Laser treatment of surfaces of tool and PM steels and steels with coatings // Proceedings of the 6th International Conference of DAAAM Baltic "Industrial Engineering" : 24–26th April 2008, Tallinn, Estonia. [2]. Tallinn : Tallinn University of Technology, [2008]. p. 555-560.

* Ševtšenko, E., Zahharov, R., Karaulova, T., Wang, Y. Advanced concepts integration for the compression of construction project schedule // DAAAM international scientific book 2008. Vienna : DAAAM International Vienna, 2008. p. 759-772.

* Zhang, L., Zuo, X., Kers, J., Goljandin, D., Peetsalu, P. Mechanical and pyrometallurgical recycling of electronic wastes // REWAS 2008 (Global Symposium on Recycling, Waste Treatment and Clean Technology) : Cancun, Mexico, 12–15.10.2008. [S.l.] : TMS, 2008. p. 699-708.

Tammaru, T. Ülevaade võimalikest mudelitest sisehindamise läbiviimisel // Õppeasutuse sisehindamine. Tartu : Haridus- ja teadusministeerium, 2008. p. 69-100.

Tarbe, R., Kulu, P. Impact wear tester for the s[t]udy of abrasive erosion and milling processes // Proceedings of the 6th International Conference of DAAAM Baltic "Industrial Engineering" : 24–26th April 2008, Tallinn, Estonia. [2]. Tallinn : Tallinn University of Technology, [2008]. p. 561-566.

* Teichmann, M., Kübarsepp, J. Web-based freshmen support system at Tallinn University of Technology [Electronic resource] // Proceedings of Research Symposium on Problem Based Learning : Aalborg University, Denmark, June 30 – July 1, 2008. Aalborg : Aalborg University Press, 2008. [10] p. [CD-ROM].

Veinthal, R., Kulu, P., Käerdi, H. Erosion wear of PM materials and coatings : prediction and control // 17th International Baltic Conference : Materials Engineering 2008 : November 6–7, Kaunas, Lithuania : abstracts of papers. Kaunas : Technologija, 2008. p. 52-53.

* Veinthal, R., Kulu, P., Pirso, J., Käerdi, H. Characterization and prediction of abrasive wear of powder composite materials // Proceedings of Nordtrib 2008 : 13th Nordic Symposium on Tribology : Tampere, Finland, 10–13 June, 2008. [Tampere : Tampere University of Technology, 2008].

* Veinthal, R., Kulu, P., Pirso, J., Käerdi, H., Tarbe, R. Abrasive wear resistance of powder composite materials : characterization and prediction // Tribology 2008 : proceedings of the 9th International Tribology Conference : University of Pretoria, South Africa, 2–4 April 2008. [S.I.] : South African Institute of Tribology, 2008. p. 1.3(1)-1.3(10).

* Veinthal, R., Käerdi, H., Kulu, P. Prediction of erosive wear of powder materials with hardmetal-type structure // The 16th International Federation for Heat Treatment and Surface Engineering (IFHTSE) Congress, Brisbane, Australia, 30.10–02.11.2007. [S.I.], 2008.

Veinthal, R. Metallmaatrikskomposiitmaterjalid triboloogias // Tallinna Tehnikaülikooli aastaraamat 2007. Tallinn : TTÜ kirjastus, c2008. lk. 326-331.

* Veski, A., Paist, A., Parve, T., Vrager, A. Biofuel grate boiler emissions and flame characteristics // 16th European Biomass Conference & Exhibition : from Research to Industry and Markets : proceedings of the International Conference held in Valencia, Spain, 2–6 June 2008. Florence : ETA-Renewable Energies, 2008. p. 1326-1329.

MUUD VÄLJAANDED

Üleülikoolilised väljaanded Muud struktuuriüksused

Raamatud

Anton, J. Technology of integrated photoelasticity for residual stress measurement in glass articles of axisymmetric shape. Tallinn : TUT Press, 2008. 92 p. (Theses of Tallinn University of Technology. B, Thesis on natural and exact sciences ; 76).

Arumaa, H. (comp.). Tallinn University of Technology : [annual report : 2007]. Tallinn : Department of Marketing and Communication of TUT, 2008. 48, [2] p

Arumaa, H. (koost.). Tallinna Tehnikaülikool 2007. Tallinn : TTÜ turundus- ja kommunikatsiooniosakond, 2008. 48, [2] lk

Bachmann, M. Effect of modulated microwave radiation on human resting electroencephalographic signal. Tallinn : TUT Press, 2008. 114 p. (Theses of Tallinn University of Technology. B, Thesis on natural and exact sciences ; 73).

Bakalaureuse- ja magistriõpe (3+2). Inseneriõpe. Rakenduskõrgharidusõpe. Doktoriope : teatmik 2008. [Tallinn] : TTÜ kirjastus, 2008. 416, [1] lk.

Didenkulova, I. Long wave dynamics in the coastal zone. Tallinn : TUT Press, 2008. 169 p. (Theses of Tallinn University of Technology. F, Thesis on civil engineering ; 16).

Eek, A. Eesti keele foneetika. I. [Tallinn] : TTÜ kirjastus, 2008. 192 lk.

Fridolin, I. Electromagnetic fields and waves for biomedical engineers : course material. [Tallinn] : TTÜ kirjastus, 2008. 113 p.

Jantson, S., Vahtra, M., Kaasik, I. (koost.). Tallinna Tehnikaülikooli professorid läbi aegade. Tallinn : TTÜ kirjastus, 2008. 529, [4] lk.

Kaasik, I. (koost.). Factum mente et manu = Tallinna Tehnikaülikooli ehitised = Buildings of Tallinn University of Technology : 1918–2008. Tallinn : Aasta Raamat, 2008. 264 lk.

Kikas, K. Verba volant, scripta manent : viis aastakümnet raamatukogunduse ja infoteaduse radadel. Tallinn : Tallinna Tehnikaülikooli kirjastus, 2008. 366 lk. (Tallinna Tehnikaülikooli Raamatukogu töid , A ; 5).

Kuu, A. Biological diversity of agricultural soils in Estonia. Tallinn : TUT Press, 2008. 116 p. (Theses of Tallinn University of Technology. F, Thesis on civil engineering ; 18).

Lehtmets, M. (koost.). Tallinna Tehnikaülikooli sisseastuja teatmik 2009. [Tallinn, 2008]. 56, [1] lk.

Lehtmets, M. (toim.). Tallinna Tehnikaülikooli sisseastuja teatmik : 2008. [Tallinn, 2008]. 58 lk.

Lehtmets, M. (koost.). Spravočnik postupajuščego v TTU : 2009. [Tallinn, 2008]. 58 lk.

Lehtmets, M. (toim.). Spravočnik postupajuščego v TTU : 2008. [Tallinn, 2008]. 58, [4] lk.

Lõpetajad : detsember 2008 / Tallinna Tehnikaülikool. [Tallinn : TTÜ kirjastus], 2008. 16 lk.

Lõpetajad : juuni 2008 / Tallinna Tehnikaülikool. [Tallinn : TTÜ kirjastus], 2008. 35 lk.

Meri, M. (ed.). Tallinn University of Technology. [Tallinn], c2008. 107, [2] p.

Nutt, N., Maiste, J., Nurme, S. [jt.] Parkide restaureerimine. [Tallinn], 2008. 319, [1] lk. (Tallinna Tehnikaülikooli Tartu Kolledži väljaanded ; 1 [ja] Maastikuarhitektuuri toimetised ; 1).

Peekma, K. (koost.). Leiutajaid ja leiutisi Tallinna Tehnikaülikoolis 1922–2007. Tallinn : TTÜ kirjastus, 2008. 96 lk. + 1 CD-ROM leiutiste andmebaasiga.

Saabas, A. Logics for low-level code and proof-preserving program transformations. Tallinn : TUT Press, 2008. 172 p. (Theses of Tallinn University of Technology. C, Thesis on informatics and system engineering ; 43).

Velner, H.-A. Ühe rändaja mälestusi. [Tallinn] : TTÜ kirjastus, 2008. 82 lk.

Artiklid

Bobrov, K. Infootsingu võitis Krõõt Kaljusto-Munck // Raamatukogu (2008) 6, lk. 31.

Engelbrecht, J., Kaljo, D., Krumm, L. jt. Arvamusi akadeemikutelt // Eesti Teaduste Akadeemia aastaraamat 2007. Tallinn : Eesti Teaduste Akadeemia, 2008. lk. 194-201.

Habicht, K. TTÜ tehnika-, loodus- ja täppisteaduste eriala lõpetanute käekäik tööturul ja tööandjate tagasiside // Inseneeria (2008) 2, lk. 13.

Jakobson, I., Ritso, V. Supporting measures for research & development as a stimulus for technology transfer and academic entrepreneurship in Estonia // Working papers in economics. Vol. 26 (TUTWPE No 181-184). Tallinn : Tallinn University of Technology, 2008. TUTWPE No 183, p. 51-65.

Kikas, K. Pool sajandit töö ja hobi käsikäes : intervjuu Konrad Kikasega // Raamatukogu (2008) 3, lk. 31-33.

Kikas, K. Ülikoolide ühise teadusraamatukogu poole // Raamatukogu (2008) 3, lk. 29-31.

Koidla, G. Tehnikaülikooli uus raamatukogu sai nurgakivi // Raamatukogu (2008) 3, lk. 40.

Kont, K.-R. Suuremate teadusraamatukogude finantseerimine 2007. aastal : tulud ja kulud // Raamatukogu (2008) 6, lk. 23-26.

Kont, K.-R. Teadusfilosoofilisi vaatenurki // Raamatukogu (2008) 4, lk. 5-9.

Kübarsepp, J. Õppuri ja riigi ootused põhikoolile // Põhikool annab põhja : 11. ja 12. jaanuar 2008, Väimela : ettekannete ja artiklite kogumik. Tallinn, 2008. lk. 127-130.

Parre, K. Pool sajandit järjepidevat teadus- ja arendustegevuse korraldust ülikoolis // Tallinna Tehnikaülikooli aastaraamat 2007. Tallinn : TTÜ kirjastus, c2008. lk. 31-34.

Roosimaa, T. Kutsega või kutseta? // Tallinna Tehnikaülikooli aastaraamat 2007. Tallinn : TTÜ kirjastus, c2008. lk. 201-203.

Sürje, P., Lemba, H. Kõrgharidus olgu kõigile kättesaadav // Tallinna Tehnikaülikooli aastaraamat 2007. Tallinn : TTÜ kirjastus, c2008. lk. 11-13.

Tanner, J. Tehnikaülikooli teaduskorraldusest XX sajandi 70.–80. aastatel // Tallinna Tehnikaülikooli aastaraamat 2007. Tallinn : TTÜ kirjastus, c2008. lk. 340-342.

Tibar, A. The information-seeking behaviour of scientists in engineering and technology at Tallinn University of Technology // ISIC 2008 : Information Seeking in Context Conference Material : Vilnius, 17–19 September, 2008. Vilnius, 2008. p. 94-107.

Udam, M. Ainepunktide süsteemi loomine // Bologna protsess Eestis 2004–2008. [S.l.], 2008. lk. 19-21.

Ummelas, M. Tallinna Tehnikaülikool 90 // Elektriala (2008) 6, lk. 10-11.

Vaikmäe, R. Eesti Euroopa Polaarnõukogus // Tallinna Tehnikaülikooli aastaraamat 2007. Tallinn : TTÜ kirjastus, c2008. lk. 70-73.

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