

Additive design possibilities of electrical machines

Kallaste, Ants; Vaimann, Toomas; Rassõlkin, Anton 59th Annual International Scientific Conference on Power and Electrical Engineering : November 12, 13, 2018, Riga Technical University (RTUCON) : conference proceedings 2018 / 5 p. : ill <https://doi.org/10.1109/RTUCON.2018.8659828>

An expressway from agent-oriented models to prototypes

Taveter, Kuldar; Sterling, Leon Agent-oriented software engineering VIII 2008 / p. 147-163 : ill

ASIC prototyping for ALTERA devices on ICUBE programmable interconnect

Krupnova, Helena European Design and Test Conference - EDAMPTC'96, Paris, March 11-14, 1996 : proceedings 1996 / p. 223-227

ASIC prototyping for reprogrammable implementations of large ASICs

Krupnova, Helena ACM/SIGDA 4th International Symposium on FPGAs, Monterey, USA, February 11-13, 1996 : proceedings 1996

ASIC prototyping with area oriented mapping for ALTERA/FLEX devices

Krupnova, Helena Synthesis and System Integration of Mixed Technologies - SASMI'95, Nara, Japan, August 25-26, 1995 : proceedings 1996

Control challenges of 3D printed switched reluctance motor

Rassõlkin, Anton; Kallaste, Ants; Vaimann, Toomas; Tiismus, Hans 2019 26th International Workshop on Electric Drives : Improvement in Efficiency of Electric Drives (IWED) : Moscow Power Engineering Institute, Moscow, Russia 30th of January - 02nd of February 2019 : proceedings 2019 / 5 p. : ill <https://doi.org/10.1109/IWED.2019.8664282>

Design issues of SSCBs for residential DC microgrid

Jalakas, Tanel; Chub, Andrii; Roasto, Indrek; Vinnikov, Dmitri 2024 IEEE 65th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2024 / 6 p <https://doi.org/10.1109/RTUCON62997.2024.10830826>

Design of the exterior-rotor PM synchronous motor for an electric powered paraglider

Nukki, Rene; Lehtla, Tõnu; Kilk, Aleksander; Kangru, Tavo 2015 56th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2015 / p. 245-248 : ill

Design, optimization and prototyping of small power transformes

Reinap, Avo; Pikner, Rando; Jonikan, Roman; Pärn, Karl; Jakobsons, Edgars; Papickas, Andrius; Dworakowski, Piotr 4th International Symposium Topical Problems of Education in the Field of Electrical and Power Engineering. Doctoral School of Energy and Geotechnology : Kuressaare, Estonia, January 15-20, 2007 2007 / p. 219-225 : ill

Development and manufacturing a selfshielding model

Pääsuke, Kaarel; Voll, Hendrik Latest Trends on Engineering Education : 7th WSEAS International Conference on Education and Educational Technologies : Corfu Island, Greece, July 22-24, 2010 2010 / p. 122-127 <http://www.wseas.us/e-library/conferences/2010/Corfu/EDUCATION/EDUCATION-19.pdf>

DSP-based power-quality monitoring device

Märtens, Olev; Trampärk, Harri; Liimets, Aivar; Nobel, Peter; Veskimeister, Andres; Järvalt, Aldur WISP2007 proceedings : 5th IEEE International Symposium on Intelligent Signal Processing : Alcalá de Henares, Madrid (Spain), October 3-5, 2007 2007 / [5] p <https://ieeexplore.ieee.org/document/4447591>

Eesti on maailma kuues riik, kus osutatakse lennuliiklusteenust juba kahele lennuväljale vaid digitorni abil

digi.geenius.ee 2024 [Eesti on maailma kuues riik, kus osutatakse lennuliiklusteenust juba kahele lennuväljale vaid digitorni abil](https://digi.geenius.ee/maailma-kuues-riik-kus-osutatakse-lennuliiklusteenust-juba-kahele-lennuväljale-vaid-digitorni-abil)

Empirical evaluation of guidelines for prototyping sociotechnical systems in JADE framework

Mahunnah, Msury; Taveter, Kuldar; Wai Shiang, Cheah; Yee Wai, Sim 2018 International Symposium on Agents, Multi-Agent Systems and Robotics (ISAMSR 2018) : Putrajaya, Malaysia, 27 August 2018 2018 / p. 51-56 : ill <http://doi.org/10.1109/ISAMSR.2018.8540558>

Fjodor Sergejev: insenerid on tuleviku loojad

Sergejev, Fjodor 2025

Hardware implementation of recursive algorithms

Mihhailov, Dmitri; Sklyarov, Valery; Skliarova, Iuliia; **Sudnitsõn, Aleksander** 53rd IEEE International Midwest Symposium on Circuits and Systems : Seattle, Washington, USA, August 1-4, 2010 : proceedings 2010 / p. 225-228 <https://ieeexplore.ieee.org/document/5548674>

Increasing of rapid prototyping performance by 3D printing technologies

Sonk, Kaimo; Matsi, Birthe; Otto, Tauno; Roosimõlder, Lembit Journal of machine engineering 2009 / 1S, p. 121-129

Interactions of Zynq-7000 devices with general purpose computers through PCI-express : a case study [Electronic resource]

Rjabov, Artjom; Sudnitsõn, Aleksander; Sklyarov, Valery; Skliarova, Iuliia Proceedings of the 18th Mediterranean Electrotechnical Conference MELECON 2016 : 18-20 April 2016, Limassol, Cyprus 2016 / [4] p. : ill. [CD-ROM]
<https://doi.org/10.1109/MELCON.2016.7495400>

Investigation of tribological characteristics of polymers used in medicine

Andriushchenko, Ekaterina; Semenova, Vlada; Yuan, Pan New Materials and Technologies in Mechanical Engineering : International Scientific Conference "New Materials and Technologies in Mechanical Engineering" (NMTME 2019) 2019 / p. 656-661
<https://doi.org/10.4028/www.scientific.net/KEM.822.656>

3D-printer on tööstuses muutumas sama tavaliseks kui klassikaline paberiprinter

Aunap, S. Tööstus : [ajalehe Eesti Päevaleht lisa] 2023 / Lk. 20-22 https://www.ester.ee/record=b4750061*est

Method for increasing innovation capacity in development of casing type details

Matsi, Birthe; Otto, Tauno; Sarkans, Martinš; Roosimõlder, Lembit Virtual and Rapid Manufacturing : Advanced Research in Virtual and Rapid Prototyping 2007 / p. 747-752 <https://www.taylorfrancis.com/chapters/edit/10.4324/9780203931875-119/method-increasing-innovation-capacity-development-casing-type-details-matsi-sarkans-otto-roosim%C3%B6lder>

Method for rapid prototyping of societal information systems

Taveter, Kuldar; Du, Hongying; Huhns, Michael N. Proceedings of the Federated Conference on Computer Science and Information Systems : FedCSIS 2012 : Wrocław, Poland, 9-12 September, 2012 2012 / p. 1221-1228 : ill <https://annals-csis.org/proceedings/2012/pliks/310.pdf>

Methodology and international collaboration in teaching reconfigurable systems

Sklyarov, Valery; Skliarova, Iuliia; **Sudnitsõn, Aleksander** The 2012 IEEE Global Engineering Education Conference (IEEE EDUCON 2012), Marrakesh, Morocco, Apr. 17-20, 2012 2012 / p. 1143-1152 : ill
https://www.researchgate.net/publication/254034783_Methodology_and_international_collaboration_in_teaching_reconfigurable_systems

Optimal waveform selection for software defined data acquisition system

Ruuben, Toomas; Berdnikova, Julia; Mürsepp, Ivo; Madar, Urve Proceedings of the Fourth European Conference on Antennas and Propagation : EuCAP 2010 : Barcelona, Spain, 12-16 April 2010 2010 / p. 3268-3272 <https://ieeexplore.ieee.org/document/5505286>

Optimizing production technology selection process with functional requirements

Sonk, Kaimo; Sarkans, Martinš; Hermaste, Aigar; Paavel, Marko Proceedings of the 9th International Conference of DAAAM Baltic Industrial Engineering, 24-26th April 2014, Tallinn, Estonia 2014 / p. 204-206

Predicting a passenger ship's response during evasive maneuvers using Bayesian Learning

Gil, M.; **Montewka, Jakub;** Krata, P. Reliability engineering and system safety 2025 / art. 110765
<https://doi.org/10.1016/j.ress.2024.110765>

Product development technological environment

Mesila, Rein; Pohlak, Meelis Proceedings of the 3rd International Conference Industrial Engineering - New Challenges to SME : 25-27 April 2002, Tallinn, Estonia 2002 / p. 112-115 : ill

Prototron jagab idufirmadele 75 000 eurot

Trialoog 2025 <https://trialoog.taltech.ee/prototron-jagab-idufirmadele-75-000-eurot/>

Prototyping of a machine learning based auxiliary neurostimulation system

Grigorjev, Nikolai; Le Moullec, Yannick; Kuusik, Alar 2022 18th Biennial Baltic Electronics Conference (BEC) 2022 / 6 l.
<https://doi.org/10.1109/BEC56180.2022.9935607>

Prototyping the GIS-system of the city of Tallinn

Laitakari, Ismo; Berg, Rauno GIS-Baltic Sea States '95 : exhibition, conference - Tallinn, Estonia, 13-15 December, 1995 : abstracts, catalogue 1995 / p. 29-30

Rapid prototyping for sheet-metal forming

Vihtonen Lamminen, Lotta; Wadman, Boel; Svinning, Torgeir; Küttner, Rein ASM handbook. Volume 14B, Metalworking : sheet forming 2006 / p. 851-858 : ill

Rapid prototyping of silicon structures by aid of laser and abrasive-jet machining

Kruusing, Arvi; Leppävuori, Seppo; Uusimäki, Antti; Uusimäki, M. Design, Test and Microfabrication of MEMS and MOEMS : 30 March-1 April, 1999, Paris, France 1999 / p. 870-878 : ill <https://opticalengineering.spiedigitallibrary.org/conference-proceedings-of-spie/3680/0000/Rapid-prototyping-of-silicon-structures-by-aid-of-laser-and/10.1117/12.341285.full>

Recursion and hierarchy in digital design and prototyping : a case study

Mihhailov, Dmitri; Kruus, Margus; Sklyarov, Valery; Skliarova, Iuliia; **Sudnitsõn, Aleksander** Computer Systems and

Reducing energy consumption with IoT prototyping

Saari, Mika; Sillberg, Pekka; Grönman, Jere; **Henno, Jaak** Acta Polytechnica Hungarica : journal of applied sciences at Budapest Polytechnic Hungary 2019 / p. 73–91 : ill <https://doi.org/10.12700/APH.16.9.2019.9.5> http://acta.uni-obuda.hu/Saari_Sillberg_Gronman_Kuusisto_Rantanen_Jaakkola_Henno_96.pdf Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Robotid põllule

Strandberg, Marek Inseneeria 2016 / lk. 8 : fot https://artiklid.elnet.ee/record=b2753116*est

Simulation and prototyping of sociotechnical systems using agent-oriented modelling = Sotsiotehniliste süsteemide simulatsioon ja prototüüpimine kasutades agentorienteeritud modelleerimist

Mahunnah, Msury 2019 <https://digi.lib.ttu.ee/i/?11297>

Sul on hea tervisetehnoloogia idee? Teaduskiirendi ootab ideede arenduslaagrisse [Võrguväljaanne]

digi.geenius.ee 2022 [Sul on hea tervisetehnoloogia idee? Teaduskiirendi ootab ideede arenduslaagrisse](#)

Terviseandmete tagasitee kui tervishoiu edasitee

Vaaks, Eveliis; Klementi, Toomas Trialoog 2025 [Terviseandmete tagasitee kui tervishoiu edasitee](#)

Tools and strategies in rapid prototyping

Mesila, Rein; Riives, Jüri 7th European Conference on Rapid Prototyping and Manufacturing : Aachen, Germany, July 7-9, 1998 1998

TTÜ teadlaste abiga tahetakse hakata Kuul energiat tootma [Võrguväljaanne]

Jaakson, Tiina err.ee 2021 ["TTÜ teadlaste abiga tahetakse hakata Kuul energiat tootma"](#)

TTÜ toetab ülikooli tööstusomandi prototüüpimist

Varrak, Tea Mente et Manu 2013 / lk. 22 https://www.ester.ee/record=b1242496*est

TTÜ tudengid kaasasid üle 28000 euro Prototroni rahastust

Vaga, Katrin Mente et Manu 2018 / lk. 59 : fot https://ttu.ee/public/m/mente-et-manu/MM_02_2018/mobile/index.html#p=6
http://www.ester.ee/record=b1242496*est <http://dea.digar.ee/publication/AKmenteetmanu> https://artiklid.elnet.ee/record=b2862668*est

Ученые Эстонии разрабатывают солнечные панели для Луны [Online resource]

rus.delfi.ee 2021 ["Ученые Эстонии разрабатывают солнечные панели для Луны"](#)

Эстония готовится покорить Луну: как тебе такое, Илон Маск? [Online resource]

baltnews.ee 2021 ["Эстония готовится покорить Луну: как тебе такое, Илон Маск?"](#)