

A scalable model based RTL framework zamiaCAD for static analysis

Tšepurov, Anton; Jenihhin, Maksim; Raik, Jaan; Tihhomirov, Valentin 2012 IEEE/IFIP 20th International Conference on VLSI and System-on-Chip (VLSI-SoC) : October 7-10, 2012 Santa Cruz, USA Dream Inn, Santa Cruz, USA : [proceedings] 2012 / p. 171-176 : ill <https://www.semanticscholar.org/paper/A-scalable-model-based-RTL-framework-zamiaCAD-for-Tsepurov-Bartsch/d19eefa44f793621d537c06498784e06e0332fd2>

Additive manufacturing of electrical machines - towards the industrial use of a novel technology

Vaimann, Toomas; Kallaste, Ants Energies 2023 / art. 544 <https://doi.org/10.3390/en16010544> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

An approach for PSL assertion coverage analysis with high-level decision diagrams

Jenihhin, Maksim; Raik, Jaan; Ubar, Raimund-Johannes; Shchenova, Tatjana Proceedings of IEEE East-West Design & Test Symposium (EWDTs'10) : St. Petersburg, Russia, September 17-20, 2010 2010 / p. 13-16 : ill <https://ieeexplore.ieee.org/document/5742048>

Analysis and design of 3.3 kV IGBT based three-level DC/DC converter with high-frequency isolation and current doubler rectifier

Vinnikov, Dmitri; Jalakas, Tanel; Roasto, Indrek Scientific journal of Riga Technical University. Serija 4, Power and electrical engineering 2009 / p. 97-102 : ill

Applications of the open source HW design framework zamiaCAD

Tšepurov, Anton; Tihhomirov, Valentin; Saif Abrar, Syed; Jenihhin, Maksim; Raik, Jaan DATE 2012 University Booth : Design Automation and Test in Europe : Dresden, Germany, March 12-16, 2012 2012 / 1 p

Applying case-base reasoning for design : retrieval phase

Nekrassov, Grigori; Portjanski, Leonid DAAAM International Scientific Book 2006 2006 / p. 439-448 https://www.researchgate.net/publication/238790778_Applying_CBR_for_design_retrieval_phase

Applying CBR for design

Nekrassov, Grigori; Portjanski, Leonid Proceedings of the 5th International Conference of DAAAM Baltic : Industrial Engineering - Adding Innovation Capacity of Labour Force and Entrepreneur : 20-22 April 2006, Tallinn, Estonia 2006 / p. 65-70 : ill

Arhitektuuriteadur: ühetaolised klaashooned rikuvad linnaruumi ja keskkonda [Võrguväljaanne]

Oidermaa, Jaan-Juhan novaator.err.ee 2021 ["Arhitektuuriteadur: ühetaolised klaashooned rikuvad linnaruumi ja keskkonda"](#)

Assessment of student's design results in e-learning-scenarios [Electronic resource]

Wuttke, Heinz-Dietrich; Ubar, Raimund-Johannes; Henke, Karsten; Jutman, Artur 8th International Conference on Technology Based Higher Education and Training : 10th to 13th July, 2007, KKR Hotel Kumamoto, Kumamoto, Japan : [proceedings] 2007 / [6] p. [CD-ROM]

Asynchronous e-learning resources for hardware design issues

Jutman, Artur; Sudnitsõn, Aleksander; Ubar, Raimund-Johannes; Wuttke, Heinz-Dietrich Proceedings of the International Conference on Computer Systems and Technologies (e-learning) : CompSysTech'04 : Rousse, Bulgaria, 17-18 June 2004 / p. IV.11-1 - IV.11-6 : ill https://www.researchgate.net/publication/234797327_Asynchronous_e-learning_resources_for_hardware_design_issues

Automated design and diagnosis of electronic system based on description language representation

Wawryn, Krzysztof; Drabarek, Jozef BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 2 1994 / p. 443-448 https://www.estr.ee/record=b2150914*est

Automated photo categorization for digital forensic analysis using a machine learning-based classifier

Castillon Del Mar, Joanna Rose Proceedings of the 5th Interdisciplinary Cyber Research Conference 2019 : 29th of June 2019, Tallinn University of Technology 2019 / p. 82-84 https://www.estr.ee/record=b5238490*est

Avatud ja hägus : tärkavate disainipraktikate kaardistamine [Võrguteavik]

Melioranski, Ruth-Helene; Pärn, Martin 2020 https://www.estr.ee/record=b5449374*est

Basics of optimal design of district heating pipelines diameters and design examples of Estonian old non-optimised district heating networks

Hlebnikov, Aleksandr; Siirde, Andres; Paist, Aadu 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. 149-153 : ill

Beyond the attention economy, towards an ecology of attending. A manifesto

Bombaerts, Gunter; Hannes, Tom; Adam, Martin; Aloisi, Alessandra; Anderson, Joel; Arvidson, P. Sven; Berger, Lawrence; Bettera, Stefano Davide; Drechsler, Wolfgang; Shakya, Shobhit AI & Society 2025 <https://doi.org/10.1007/s00146-025-02405-8>

A bio-inspired compliant robotic fish : design and experiments

EL Daou, Hadi; Salumäe, Taavi; Toming, Gert; Kruusmaa, Maarja 2012 IEEE International Conference on Robotics and Automation : ICRA : Saint Paul, Minnesota, USA, May 14-18, 2012 2012 / p. 5340-5345 : ill
https://www.researchgate.net/publication/254041437_A_bio-inspired_compliant_robotic_fish_Design_and_experiments

Bottlenecks in hardware design and design automation (Hardware synthesis: no pain, no gain)

Ellerjee, Peeter CREDES Summer School : Dependable Systems Design : handouts 2011 / p. 49-58 : ill

Building design collaboration : what, why, and how

Pikas, Ergo; Koskela, Lauri Jaakko; Gomes, Danilo Routledge Handbook of Collaboration in Construction 2024 / p. 61-72
<https://www.taylorfrancis.com/chapters/edit/10.1201/9781003379553-8/building-design-collaboration-ergo-pikas-lauri-koskela-danilo-gomes>

Challenges and ways forward for performance-driven and simulation-based computational design for sustainable cities and communities

De Luca, Francesco Regenerating the City Performance-driven and Simulation-based Computational Design for Sustainable Cities and Communities : proceedings of the 9th Regional International Symposium on Education and Research in Computer Aided Architectural Design in Europe, Tallinn University of Technology, 15-16 June 2023 2023 / p. 189-192
<https://digikogu.taltech.ee/et/item/c29fc911-ec34-45da-afe6-bc1e8515e15d>

Checking sequence design for FSM

Keevallik, Andres; Kruus, Margus; Lensen, Harri Proceedings of the 5th International Conference on Mixed Design of Integrated Circuits and Systems, Lodz, Poland, June 18-20, 1998 1998 / p. 325-330

CMOS defects analysis using DefSim measurement environment

Pleskacz, Witold A.; Borejko, Tomasz; Walkanis, A.; Stopjakova, Viera; Jutman, Artur; Ubar, Raimund-Johannes Informal Digest of Papers : Eleventh IEEE European Test Symposium : ETS 2006 : 21-24 May 2006, Southampton, United Kingdom 2006 / p. 241-246 : ill

Combining learning, training and research in laboratory course for design and test

Ubar, Raimund-Johannes; Orasson, Elmet; Raik, Jaan; Wuttke, Heinz-Dietrich The 7th Biennial Conference on Electronics and Microsystem Technology "Baltic Electronics Conference" : BEC 2000 : October 8 - 11, 2000, Tallinn, Estonia : conference proceedings 2000 / p. 221-224 : ill
https://www.researchgate.net/publication/242397131_Combining_Learning_Training_and_Research_in_Laboratory_Course_for_Design_and_Test

Composition of organisational process models for supporting information systems design

Savimaa, Raul Proceedings of the 11th Doctoral Consortium on Advanced Information Systems Engineering : Riga, 2004 2004 / p. 59-70

Cooling demand and daylight - the influence of alternative design

Voll, Hendrik; Köiv, Teet-Andrus 10th Rehva World Congress "Sustainable Energy Use in Buildings" : Antalya, 9-12.05.2010 : [abstracts] 2010 / p. 227

Cooling demand and daylight - the influence of alternative design [Electronic resource]

Voll, Hendrik; Köiv, Teet-Andrus Proceedings of Clima2010 10th Rehva World Congress "Sustainable Energy Use in Buildings" : Antalya, 9-12.05.2010 2010 / [8] p. [CD-ROM]

Cooling demand and daylight in commercial buildings - the influence of window design

Voll, Hendrik; Köiv, Teet-Andrus Energy Problems and Environmental Engineering : [proceedings of the 3rd WSEAS International Conference on ... EPESE'09, RES'09, WWAI'09] : Tenerife, Canary Islands, July 1-3, 2009 2009 / p. 65-70 : ill

Cooling demand commercial buildings - the influence of window design

Voll, Hendrik; Köiv, Teet-Andrus Кабарлары = Вестник = News 2009 / 1, p. 20-24 : ill

Data base infological design in practice

Laast-Laas, Jüri Data processing. Compiler writing. Programming 1986 / p. 107-112

Daylight availability and cooling in commercial buildings - the influence of facade design

Voll, Hendrik; Köiv, Teet-Andrus WSEAS transactions on advances in engineering education 2009 / 9, p. 316-326 : ill

Design error diagnosis in scan-path designs

Ubar, Raimund-Johannes 2nd IEEE Latin American Test Workshop : LATW 2001 : Cancun, Mexico, February 11-14, 2001 : digest of papers 2001 / p. 162-168 : ill

Design error diagnosis with re-synthesis in combinational circuits

Ubar, Raimund-Johannes Journal of electronic testing : theory and applications 2003 / 1, p. 73-82 : ill
<https://link.springer.com/article/10.1023/A:1021948013402>

Design error localization in digital circuits by stuck-at fault test patterns

Jutman, Artur; Ubar, Raimund-Johannes [MIEL] 2000 : 22nd International Conference on Microelectronics : Niš, Yugoslavia, 14-17 May 2000 : proceedings. Volume 2 2000 / p. 723-726 <https://ieeexplore.ieee.org/document/838792>

Design in integrated CAD/CAM system of loghouses

Portjanski, Leonid; Nekrassov, Grigori International DAAAM : [DAAAM National Estonia] : proceedings of the 1st International Conference, 25-27th September 1997, Tallinn, Estonia 1997 / p. 69-71: ill

Design Lab'08 ootab tudengitelt internetipõlvkonnale suunatud lahendusi : [Electroluxi disainikonkurss : eelteade]

Mente et Manu 2008 / 5. märts, lk. 3 https://www.estet.ee/record=b1242496*est

Design management as a driver for innovation in small and medium sized enterprises = Disainijuhtimine kui innovatsiooni liikumapanev jõud väike- ja keskmise suurusega ettevõtetes

Gerlitz, Laima 2018 <https://digi.lib.ttu.ee/i/?9941> https://www.estet.ee/record=b5052729*est

Design management for smart entrepreneurship - a training tool crossing sector and discipline boundaries

Gerlitz, Laima Inflection Point : Design Research Meets Design Practice : the 20th DMI : Academic Design Management Conference proceedings : 28-29 July, 2016, Massachusetts College of Art and Design, Boston, USA 2016 / p. 176-194 : ill <http://www.dmi.org/page/ADMC2016Proceedings>

Design management in a design office : development of the knowledge base

Pikas, Ergo; Koskela, Lauri; Liias, Roode 2017 Lean and Computing in Construction Congress (LC3), Volume II - Part 2 : proceedings of the 25th Annual Conference of the International Group for Lean Construction (IGLC), July 9-12, 2017, Heraklion, Crete, Greece 2017 / p. 539-546 : ill http://www.lc3-2017.com/uploads/IGLC_Full_Proceedings-part_2.pdf <https://doi.org/10.24928/2017/0316>

Design management in a design office : development of the model for 'To-Be'

Pikas, Ergo; Koskela, Lauri; Seppänen, Olli 2017 Lean and Computing in Construction Congress (LC3), Volume II - Part 2 : proceedings of the 25th Annual Conference of the International Group for Lean Construction (IGLC), July 9-12, 2017, Heraklion, Crete, Greece 2017 / p. 555-562 : ill <https://doi.org/10.24928/2017/0317> http://www.lc3-2017.com/uploads/IGLC_Full_Proceedings-part_2.pdf

Design management in a design office : solving the problem of relevance

Pikas, Ergo; Koskela, Lauri; Seppänen, Olli 2017 Lean and Computing in Construction Congress (LC3), Volume II - Part 2 : proceedings of the 25th Annual Conference of the International Group for Lean Construction (IGLC), July 9-12, 2017, Heraklion, Crete, Greece 2017 / p. 547-554 : ill http://www.lc3-2017.com/uploads/IGLC_Full_Proceedings-part_2.pdf <https://doi.org/10.24928/2017/0315>

Design methodology management in the Berkeley CAD environment

Zanella, Marina; Gubian, Paolo; Cremascoli, Paolo Automation, simulation & measurement : ASM'91 : 3rd biennal conference, Tallinn, October 7-11, 1991. Section A. Section M / Tallinn Technical University 1992 / p. 4-15: ill

Design of a wearable mechatronic brace

Vu, Trieu Minh; Tamre, Mart; Safonov, Aleksei; Kovalenko, Pavel; Monahov, Juri 17th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral school of energy and geotechnology. III : Kuressaare, Estonia, January 15-20, 2018 2018 / p. 9-13 : ill http://ise.elnet.ee/record=b2949854~S2*est

Design of bioimpedance measurement system using direct carrier compensation

Annus, Paul; Lamp, Jürgen; Min, Mart; Paavle, Toivo Proceedings of the European Conference on Circuit Theory and Design : ECCTD'05 : Cork, Ireland, Aug. 29 - Sept. 02, 2005. Vol. III 2005 / p. 23-26 <https://ieeexplore.ieee.org/document/1523051>

Design of car frontal protection system using neural networks and genetic algorithm

Majak, Jüri; Pohlak, Meelis; Erme, Martin; Velsker, Tarmo Mechanika 2012 / p. 453-460 : ill <https://mechanika.ktu.lt/index.php/Mech/article/view/2325>

Design of D-AMPS channel decoder with codesign methodologies

O'Nils, Mattias; **Tammemäe, Kalle**; Jantsch, Axel; Hemani, Ahmed BEC'96 : the 5th Biennial Baltic Electronics Conference, October 7-11, 1996, Tallinn, Estonia : proceedings 1996 / p. 397-400: ill

Design of devices for advanced protection, voltage-quality and load priority control in residential microgrids

Lehtla, Madis; Rosin, Argo; Möller, Taavi; Pikner, Rando EPE-PEMC 2010 : 14th International Power Electronics and Motion Control Conference : 6-8 September 2010, Ohrid, Republic of Macedonia 2010 / p. T6-97 - T6-100 <https://ieeexplore.ieee.org/document/5606611> <https://doi.org/10.1109/EPEPEMC.2010.5606611>

Design of dimension chains and fits by using AI methods

Tiidemann, Tiit; Raba, Karl; Üksti, Lembit OST-97 Symposium on Machine Design, Tallinn, Estonia, May 22-23, 1997 : proceedings 1997 / p. 58-63 : ill https://www.estet.ee/record=b1083704*est

- Design of functionally graded sandwich panels**
Pohlak, Meelis; Majak, Jüri; Karjust, Kristo; Herranen, Henrik; Lend, Henri ICCS17 : 17th International Conference on Composite Structures : Portugal 17-21 June 2013 : book of abstracts 2013 / p. 55
- Design of glass canopy panel**
Velsker, Tarmo; Lend, Henri; Kirs, Maarjus Proceedings of the 8th International Conference of DAAAM Baltic Industrial Engineering, 19-21st April 2012, Tallinn, Estonia. 2 2012 / p. 759-764 : ill
- Design of laboratory equipment for investigation of regulators for LED luminary**
Milaševski, Irena 7th International Conference-workshop Compatibility and Power Electronics : CPE 2011 : Tallinn, Estonia, June 3, 2011 : student forum 2011 / p. 38-43 : ill
- Design of linear- and minimum-phase FIR-equalizers**
Bysted, Tommy K.; Jensen, Kaare Jean; Gaunholt, Hans BEC'96 : the 5th Biennial Baltic Electronics Conference, October 7-11, 1996, Tallinn, Estonia : proceedings 1996 / p. 417-420: ill
- Design of low power controllers**
Kasirova, Lilia; Keevallik, Andres; Meškov, Mihhail 2nd IMACS Multiconference CESA'98, Computational Engineering in System Applications, Tunesia, 1998 1998
- Design optimization of permanent magnet clutch**
Andriushchenko, Ekaterina; Kallaste, Ants; Belahcen, Anouar; Heidari, Hamidreza; Vaimann, Toomas; Rassölk, Anton 2020 International Conference on Electrical Machines (ICEM), 23-26 August 2020, Gothenburg, Sweden : online : proceedings 2020 / p. 436-440 <https://doi.org/10.1109/ICEM49940.2020.9270726>
- Design reflection 1**
Jäger, Dagmar Ellen Reiseuni report. Making of : European architecture dialogue. Vol. 4, Design reflection-2 : academic cycle 2015-2017, class-03, semester 01-03 2016 / p. 11-33 : ill
- Design understanding : from logic to specification**
Fey, Goerschwin; **Ghasempouri, Tara; Jacobs, Swen; Raik, Jaan** Proceedings of the 2018 IFIP/IEEE International Conference on Very Large Scale Integration (VLSI-SoC) : October 8-10, 2018, Verona, Italy 2018 / p. 172–175 : ill <https://doi.org/10.1109/VLSI-Soc.2018.8644732>
- Design, optimization and prototyping of small power transforms**
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
- The design-build-test-learn cycle for investigating lipid synthesis in oleaginous Rhodotorula toruloides**
Rekena, Alina; Gavrilovic, Srdjan; Lahtvee, Petri-Jaan The 7th applied synthetic biology in Europe : programme and abstracts 2024 / p. 80 <https://bipeek-resources-onsite-prd.s3.amazonaws.com/54015/ASBE7-Programme-and-Abstract-Book.pdf?v=1730830392>
- Design-for-testability for application of external test patterns in a NoC**
Govind, Vineeth; **Raik, Jaan** 2nd Workshop on Diagnostic Services in Network-on-Chips - Test, Debug, and On-Line Monitoring, in conjunction with Design Automation Conference (DAC) 2008 / [4] p
- Designing and planning for transient urbanity**
Partanen, Jenni Vilhelmiina Curious pedagogy : reflections on urban planning education 2023 / p. 147-168
<https://urn.fi/URN:ISBN:978-952-03-3007-1>
- DesignSHIP : Auf dem Weg zur Präzisierung des Designmanagements**
Prause, Gunnar Klaus Öffnungszeiten : Papiere zur Designwissenschaft 2012 / s. 18-20 : ill
- Determination of thread pliability of round-profiled threads**
Stržák, Viktor OST-99 Symposium on Machine Design : Stockholm, 30th Sept. - 1st Oct., 1999 : proceedings 1999 / p. 141-147: ill
- Development of the experimental integrated design environment for progressive cuttings dies**
Sutt, Annes; Küttner, Rein; Pohlak, Meelis; Karjust, Kristo Proceedings of the 4th International Conference Industrial Engineering - New Challenges to SME : 29-30 April 2004, Tallinn, Estonia 2004 / p. 161-164 : ill
- Diagnosis and correction of multiple design errors using critical path tracing and mutation analysis**
Hantson, Hanno; Repinski, Urmas; Raik, Jaan; Jenihhin, Maksim; Ubar, Raimund-Johannes LATW 2012 : 13th IEEE Latin-American Test Workshop proceedings : April 10th-13th, 2012, Quito, Ecuador 2012 / [6 p.] : ill
<https://ieeexplore.ieee.org/document/6261234>

Digital design at microarch[i]ctural level based on quality relationship measures

Kruus, Margus; Lensen, Harri; Sudnitsõn, Aleksander Успехи современного естествознания 2004 / 5, приложение 1, Материалы XXXI международной конференции и дискуссионного научного клуба : информационные технологии в науке, образовании, телекоммуникации и бизнесе : IT+SE'2004 : Украина, Крым, Ялта-Гурзуф, 18-27 мая 2004 года, с. 29-30

Digital design flow with test activities

Diener, Karl-Heinz; Elst, G.; Ivask, Eero; Jervan, Gert; Peng, Z.; Raik, Jaan; Ubar, Raimund-Johannes VILAB User Forum 2000 / [11] p

Digital electronics design and test at Computer Engineering Department of Tallinn University of Technology

Ubar, Raimund-Johannes; Raik, Jaan; Jutman, Artur; Ellervee, Peeter The house magazine : the parliamentary weekly 2006 / 1198, p. 42 : ill

Digital last planner system whiteboard for enabling remote collaborative design process planning and control

Pikas, Ergo; Pedo, Barbara; Tezel, Algan; Koskela, Lauri; Veersoo, Markus Sustainability 2022 / art. 12030

<https://doi.org/10.3390/su141912030> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Digitalization of high speed craft design and operation challenges and opportunities

Dashtimanesh, Abbas; Ghaemi, Mohammad Hossein; Wang, Youjiang Procedia Computer Science 2022 / p. 566-576

<https://doi.org/10.1016/j.procs.2022.01.254> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Disain

Kammal, Uno; Tihase, Karl 1978 https://www.esther.ee/record=b1171046*est

Disain ja funktsionaalsus : mis on otstarbekas, see on ka enamasti ilus

Tidemann, Tiit Inseneeria 2012 / lk. 26-28 : ill https://artiklid.elnet.ee/record=b2495402*est

Disain ja tootearendus : Eesti Kunstiakadeemia ja Tallinna Tehnikaülikooli ühise rahvusvahelise magistriõppoprogrammi suunad

Meliioranski, Ruth-Helene Sirp 2014 / lk. 11 : ill <https://sirp.ee/s1-artiklid/arkitektuur/disain-ja-tootearendus/>

Disainiaastaga on astutud pikk samm disaini vajalikkuse teadvustamise suunas : vestlusringis osalesid Martin Pärn, Ivar Sakk, Kristjan Mändmaa jt.

Pärn, Martin; Sakk, Ivar; Mändmaa, Kristjan Tööstuskunstist tootedisainini : articleid 1934–2018 2018 / lk. 138-147 : ill http://www.esther.ee/record=b4819730*est

Disainihariduse revolutsionäär Martin Pärn

Läkk, Ene Tööstuskunstist tootedisainini : articleid 1934–2018 2018 / lk. 244-248 : portr http://www.esther.ee/record=b4819730*est

Disainipärlid

Pärn, Martin Tööstuskunstist tootedisainini : articleid 1934–2018 2018 / lk. 320-324 : ill http://www.esther.ee/record=b4819730*est

Disainipärlid : ilusaima toote otsimine ja selle disainerite endi keskis pühitsemine on möttetu enesepettus

Pärn, Martin Sirp 2014 / lk. 6-7 : fot <https://www.sirp.ee/s1-artiklid/arkitektuur/disainiparlid/>

Diseno de experimentos : metodo Taguchi

Davila, Roberto Carmona; Laaneots, Rein; Kiitam, Andres 1997

Distance-learning tools for digital design and test issues

Jutman, Artur; Kruus, Margus; Sudnitsõn, Aleksander; Ubar, Raimund-Johannes IT+SE'2002 : Information Tec[h]nologies in Science, Education, Telecommunication, Business : proceedings = Информационные технологии в науке, образовании, телекоммуникации, бизнесе, Украина, Крым, Ялта-Гурзуф, 20-30 мая 2002 года : труды 2002 / p. 269-272 : ill

eCAADe RIS 2023 : Regenerating the City Performance-driven and Simulationbased Computational Design for Sustainable Cities and Communities : proceedings of the 9th Regional International Symposium on Education and Research in Computer Aided Architectural Design in Europe, 15-16 June 2023, Tallinn University of Technology 2023 <https://digikogu.taltech.ee/et/item/c29fc911-ec34-45da-afe6-bc1e8515e15d>

Eesti disaini tänapäev : Ene Läki intervjuu Martin Pärnaga

Pärn, Martin Tööstuskunstist tootedisainini : articleid 1934–2018 2018 / lk. 126-129 : ill http://www.esther.ee/record=b4819730*est

Eesti kunsti ajalugu. 6, II osa, 1940-1991 = History of Estonian art. 6, Part II, 1940-1991

2016 https://www.esther.ee/record=b4570865*est

Eesti tudengivormeli meeskond sai Itaalia võistlusel teise koha

The effect of material selection, design, and construction on the service life and appearance of a wooden building

Kukk, Villu; Hiiekivi, Jürgen; Kalamees, Targo 5th International Conference Forum Wood Building Baltic : 26-28 February 2024, Tallinn, Estonia : proceedings 2024 / p. 144-145 : ill <https://digikogu.taltech.ee/et/item/22318c67-e0ef-42f1-88c7-34c9d9677b17>
https://www.esther.ee/record=b5668645*est

Effect of rotor pole-shoe construction on losses of inverter-fed synchronous motors

Rasilo, Paavo; **Belahcen, Anouar**; Arkkio, Antero Proceedings : 2012 XXth International Conference on Electrical Machines : Palais des Congrès et des Expositions de Marseille Marseille, France, 02-05 September, 2012 2012 / p. 1282-1286 : ill
<https://ieeexplore.ieee.org/document/6350042>

Efficient TPG for a fast at-speed interconnect BIST [Electronic resource]

Jutman, Artur 7th IEEE Workshop on Design and Diagnostics of Electronic Circuits and Systems : April 18-21, 2004, Stará Lesná, Slovakia : proceedings 2004 / p. 223-226 : ill. [CD-ROM]

EKA dekaanidena alustavad Ruth-Helene Melioranski ja Hilkka Hiiop [Võrguväljaanne]

kultuur,err.ee 2021 ["EKA dekaanidena alustavad Ruth-Helene Melioranski ja Hilkka Hiiop"](#)

Elamusturundus ja elamusdisain : väärtsuse loomine elamuste kaudu

Leppiman, Anu Kaja : kommunikatsiooni ja suhtekorralduse ajakiri 2016 / lk. 7-8 https://artiklid.elnet.ee/record=b2799279*est

Electronics design and test

Ubar, Raimund-Johannes; Kruus, Margus; Rang, Toomas Public service review : European Union. 13 2007 / p. 52-53

Elegantsed ventilatsioonilahendused inseneride ja arhitektide koostööna

Leet, Lauri Ehitaja 2017 / lk. 36-37 : fot https://artiklid.elnet.ee/record=b2819288*est

Elektroonikidisaini uued paradigmad

Ubar, Raimund-Johannes A & A 1998 / 5, lk. 5-10

Emergent, adaptive and responsive urban landscape design strategies

De Luca, Francesco Acta architecturae naturalis = Maastrichtuarhitektuuriseid urimusi 2018 / p. 20–32 : ill

<https://www.maastrichtuarhitektuur.ee/acta/article/view/64/54> https://www.esther.ee/record=b2731314*est

Energy efficient daylight assessment - the influence of facade design

Voll, Hendrik; Köiv, Teet-Andrus Selected topics on energy and development-environment-biomedicine 2009 : proceedings of the 3rd International Conference on Energy and Development-Environment-Biomedicine (EDEB 09) 2009 / p. 47-52

Energy storage for 1500 V photovoltaic systems : A comparative reliability analysis of DC-and AC-Coupling

He, Jinkui; Yang, Yongheng; **Vinnikov, Dmitri** Emerging converter topologies and control for grid connected photovoltaic systems 2021 / p. 323-338 : ill <https://doi.org/10.3390/books978-3-03943-910-2>

Energy storage for 1500 V photovoltaic systems : A comparative reliability analysis of DC-and AC-Coupling

He, Jinkui; Yang, Yongheng; **Vinnikov, Dmitri** Energies 2020 / art. 3355, 16 p. : ill <https://doi.org/10.3390/en13133355> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Eva Truuverk : 80% pakendi keskkonnasõbralikkusest sõltub disainifaasist [Võrguväljaanne]

Truuverk, Eva turundajateviit.ee 2022 [Eva Truuverk: 80% pakendi keskkonnasõbralikkusest sõltub disainifaasist](#)

Evaluation of Different Designs to Represent Missing Information in SQL Databases [Electronic resource]

Eessaar, Erki; Saal, Elari CISSE 2011 International joint conferences 2011 / [6 p. : ill] [CD-ROM]

https://link.springer.com/chapter/10.1007/978-1-4614-3535-8_14

Evaluation of dual-active bridge converter for DC energy buildings

Carvalho da Silva, Edivan Laercio; Blinov, Andrei; Sidorova, Aleksandra; Chub, Andrii; **Vinnikov, Dmitri** 2023 IEEE 17th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2023 / 6 p
<https://doi.org/10.1109/CPE-POWERENG58103.2023.10227460>

Experiences in design, construction and maintenance of timber shell roofs in Estonia

Öiger, Karl; Kodi, Georg SHATIS'11 : International Conference on Structural Health Assessment of Timber Structures, Lisbon, Portugal, 16-17 June 2011 : proceedings 2011

Extended Reality for I5.0 : towards human centricity in human-robot interaction = Laiendatud realsus Tööstus 5.0 jaoks : inimesekeskse lähenemiseni inimese-roboti suhtluses

Pizzagalli, Simone Luca 2024 https://www.esther.ee/record=b5694235*est <https://digikogu.taltech.ee/et/item/c2c7e80f-6a3c-49fc-8311->

Feature-based design for manufacturing

Heikkinen, Ari; Korpela, Tapio; Leinonen, Tatu International DAAAM : [DAAAM National Estonia] : proceedings of the 1st International Conference 25-27th September 1997, Tallinn, Estonia 1997 / p. 8-11: ill

Fed-batch fermentation controller design with evolutionary computation

Riid, Andri; Rüstern, Ennu CSTST '08 Proceedings of the 5th international conference on Soft computing as transdisciplinary science and technology 2008 / p. 371-377 : ill

Fire design model for timber frame assemblies with rectangular and I-shaped members

Mäger, Katrin Nele; Tiso, Mattia; Just, Alar Wood & Fire Safety : proceedings of the 9th International Conference on Wood & Fire Safety 2020 2020 / p. 268-274 https://doi.org/10.1007/978-3-030-41235-7_40

Forward and backward compatibility design techniques applying the HL7 FHIR standard

Bossenko, Igor; Piho, Gunnar; Ross, Peeter HEDA 2022 : Proceedings of the International Health Data Workshop, co-located with 10th International Conference on Petrinets, Petri Nets 2022 2022 / p. 1-14 https://ceur-ws.org/Vol-3264/HEDA22_paper_14.pdf
[Conference proceedings at Scopus](#) [Article at Scopus](#)

Fotod: mida vaadata järgmisel nädalal toimuval Disainiööl? [Võrguväljaanne]

goodnews.ee 2021 ["Fotod: mida vaadata järgmisel nädalal toimuval Disainiööl?"](#)

FPGA based fault emulation of synchronous sequential circuits

Ellerjee, Peeter; Raik, Jaan; Tihomirov, Valentin; Ubar, Raimund-Johannes Proceedings [of] 22nd NORCHIP Conference : Oslo, Norway, 8-9 November 2004 2004 / p. 59-62 <https://ieeexplore.ieee.org/abstract/document/1423822>

From checklists to design process support systems: Initial framing

Pikas, Ergo; Koskela, Lauri; Oehmen, Josef; Dave, Bhargav Proceedings of the 27th Annual Conference of the International Group for Lean Construction (IGLC), IGLC 2019, 1 July 2019 - 7 July, 2019, Dublin, Ireland 2019 / p. 83-96 <https://doi.org/10.24928/2019/0173>

FSM decomposition software for education and research

Devadze, Sergei; Sudnitsön, Aleksander Proc. IEEE EUROCON 2005 International Conference on Computer as a tool : Belgrade, Serbia & Montenegro 2005 / p. 839-842 <https://ieeexplore.ieee.org/document/1630063>

FSM decomposition with application to FPGA synthesis

Sudnitsön, Aleksander; Mihailov, Dmitri; Kruus, Margus; Tarletski, Konstantin International Conference on Computer Systems and Technologies - CompSysTech'09 : Ruse, Bulgaria 2009 / p. IV.4.1-IV.4.6 <https://dl.acm.org/doi/10.1145/1731740.1731820>

Geometrical modelling techniques to develop a metal structure design space

Portjanski, Leonid Proceedings of the 4th International Conference Industrial Engineering - New Challenges to SME : 29-30 April 2004, Tallinn, Estonia 2004 / p. 70-73 : ill

Hardware/Software co-design in practice : MEMOCODE'08 contest experience

Reinsalu, Uljana; Devadze, Sergei; Jutman, Artur; Tšertov, Anton; Ellerjee, Peeter Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kolmanda aastakonverentsi artiklite kogumik : 25.-26. aprill 2008, Voore külalistemaja 2008 / p. 55-58 : ill

High-level synthesis and test in the MOSCITO-based virtual laboratory

Schneider, Andre; Diener, Karl-Heinz; Jervan, Gert; Peng, Z.; Raik, Jaan; Ubar, Raimund-Johannes; Hollstein, Thomas; Glesner, M. BEC 2002 : proceedings of the 8th Biennial Baltic Electronics Conference : October 6-9, 2002, Tallinn, Estonia 2002 / p. 287-290 : ill

Hybrid locomotion of autonomous vehicle - UGV

Tamre, Mart; Sell, Raivo; Hiiemaa, Maito; Leitaru, Erki; Salong, Peeter 8th International Workshop on Research and Education in Mechatronics 2007 : 14-15 June 2007, Tallinn, Estonia 2007 / p. 305-308 : ill

Igavate tössude vastu

Aedma, Keilit LP : Eesti Päevaleht 2020 / Lk. 48-49 : fot <https://dea.digar.ee/article/lp/2020/12/04/48.1>

Ilus maja, kaunis ruum : kujundusstiile Vana-Egiptusest tänapäevani

Kodres, Krista 2001 https://www.estet.ee/record=b1053710*est

Implementation CBR system for computer-aided design of work-holders

Küttner, Rein; Nekrassov, Grigori Proceedings of the 4th International Conference Industrial Engineering - New Challenges to SME : 29-30 April 2004, Tallinn, Estonia 2004 / p. 55-58 : ill

Implementing user-centred design methodology in design & engineering education
Melioranski, Ruth-Helene Design for all Estonia 2014 / [12] p. : ill

Important aspects of early design in mechatronic

Sell, Raivo; Coatanea, Eric; Christophe, Francois Proceedings of the 6th International Conference of DAAAM Baltic "Industrial Engineering" : 24-26th April 2008, Tallinn, Estonia. [1] 2008 / p. 177-182 : ill
https://www.academia.edu/18741665/Important_Aspects_of_Early_Design_in_Mechatronic

Improving design quality by contractor involvement : an empirical study on effects

Lappalainen, Eelon; Uusitalo, Petteri; **Pikas, Ergo; Seppänen, Olli; Peltokorpi, Antti; Uusitalo, Petri; Reinbold, Ana; Menzhinskii, Nikolai** Buildings 2022 / art. 1188 <https://doi.org/10.3390/buildings12081188> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Incremental sheet forming process modelling - limitation analysis

Pohlak, Meelis; Majak, Jüri; Küttner, Rein Journal of achievements in materials and manufacturing engineering 2007 / 2, p. 67-70 : ill

Information relationships for decomposition of finite state machine

Fomina, Jelena; Sudnitsõn, Aleksander Proceedings of East-West Design & Test Workshop (EWDTW'04) : Yalta, Alushta, Crimea, Ukraine, September 23-26, 2004 2004 / p. 41-47

Information systems for design support : quality

Tepandi, Jaak Proceedings of the 1996 Fuschl conversation, April 14-19, Fuschl Lake 1996

Innovative trends in engineering design

Tamre, Mart; Tiidemann, Tiit; Tiidemann, Mart OST-98 Symposium on Machine Design, Oulanka, Finland, October 1-3, 1998 : proceedings 1998 / p. 9-15: ill

Inspireeriv Interstudio

Moodne Kodu : AS Ekspress Meedia teema- ja erialalehtede osakonna väljaanne : kuukiri 2022 / Lk. 16
<https://dea.digar.ee/article/eemoodnekodu/2022/11/30/14.1>

Integrated engineering environment, case study

Saks, Alo; Kiolein, Indrek International DAAAM : [DAAAM National Estonia] : proceedings of the 1st International Conference, 25-27th September 1997, Tallinn, Estonia 1997 / p. 65-68: ill

Integrating methods for the design of real-time systems

Vain, Jüri Abstracts of NWPT96, Oslo 1996 1996 / p. 32

Integration of V-model and SysML for advanced mechatronics system design

Sell, Raivo; Tamre, Mart Proceedings of REM2005 : International Conference on Research & Education in Mechatronics 2005 / p. 43 https://www.researchgate.net/publication/259513345_Integration_of_V-model_and_SysML_for_advanced_mechatronics_system_design

Interactive presentation abstract : automated correction of design errors by edge redirection on high-level decision diagrams [Electronic resource]

Karputkin, Anton; Ubar, Raimund-Johannes; Tombak, Mati; Raik, Jaan IEEE International High Level Design Validation and Test Workshop (HLDVT'11), November 9-11, 2011, Napa Valley, CA 2011 / p. 83 : ill. [CD-ROM]
<http://doi.ieee.org/10.1109/HLDVT.2011.6113980>

Investigation, design and erection of saddle-shaped wooden shell roofs

Õiger, Karl IABSE Conference Lahti 2001 : Innovative Wooden Structures and Bridges : report 2001 / p. 397-402 : ill
<https://structurae.net/en/literature/conference-paper/investigation-design-and-erection-of-saddle-shaped-wooden-shell-roofs>

ISS seminar disaini verifitseerimisest ja testimise automatiseerimisest

Tammemäe, Kalle Arvutustehnika ja Andmetöötlus 1997 / 7/8, lk. 47-52

Java technology based training system for teaching digital design and test

Devadze, Sergei; Jutman, Artur; Sudnitsõn, Aleksander; Ubar, Raimund-Johannes; Wuttke, Heinz-Dietrich BEC 2002 : proceedings of the 8th Biennial Baltic Electronics Conference : October 6-9, 2002, Tallinn, Estonia 2002 / p. 283-286 : ill

Kaasava disaini areng ja taandareng

Melioranski, Ruth-Helene Tööstuskunstist tootedisainini : artikleid 1934–2018 2018 / lk. 287-290 : ill
http://www.esther.ee/record=b4819730*est

Kaasava disaini areng ja taandareng

Melioranski, Ruth-Helene Sirp 2016 / lk. 18-19 : fot <http://www.sirp.ee/s1-artiklid/arhitektuur/kaasava-disaini-areng-ja-taandareng/>

Kes õpib, see on õnnelik [Võrguväljaanne]

Poldre, Annika opleht.ee 2021 ["Kes õpib, see on õnnelik"](#)

Kiri disainieelsest Eestist

Pärn, Martin Tööstuskunstist tootedisainini : artikleid 1934–2018 2018 / lk. 122-125 : ill http://www.esther.ee/record=b4819730*est

30 aastat tööl : skeem = 30 years at work : scheme

Pärn, Martin Maja : Eesti arhitektuuri ajakiri = Estonian architectural review 2021 / lk. 66-67 http://www.esther.ee/record=b1072550*est

Kooliraamatukogu võiks meenutada noortekeskust

Kaseväli, Karolina Postimees Juunior : uudised lastele ja noortele 2021 <https://dea.digar.ee/article/postimeesjuunior/2021/04/22/7.1>

Kuidas elada kuul?

Horisont 2019 / lk. 5 : fot http://www.esther.ee/record=b1072243*est

Kuulipilduri seljakott: vajadusest sündinud [Võrguväljaanne]

Nooni, Jukko Kaitsetahe 2022 / Lk. 6 [Kuulipilduri seljakott: vajadusest sündinud](#)

Learning design usage example for holistic e-learning [Electronic resource]

Öunapuu, Enn ACTA Press proceedings : the Eight IASTED International Conference on Web-based Education : WBE 2009 : March 16-18, 2009, Phuket, Thailand 2009 / p. 44-47 [CD-ROM]

Linnamööblist

Pärn, Martin Tööstuskunstist tootedisainini : artikleid 1934–2018 2018 / lk. 313-314 : ill http://www.esther.ee/record=b4819730*est

Logic IP for low-cost IC design in advanced CMOS nodes

Isgenc, Mehmet Meric; Martins, Mayler G.A.; Zackriya, V. Mohammed; **Pagliarini, Samuel Nascimento**; Pileggi, Larry IEEE Transactions on Very Large Scale Integration (VLSI) Systems 2020 / p. 585-595 <https://doi.org/10.1109/TVLSI.2019.2942825>

Looking for sustainability in distributed design : a future between rural communities and cryptocurrencies

Priavolou, Christina; Lemos, Lucas This is distributed design : making a new local & global design paradigm 2022 / p. 250-255 <https://distributeddesign.eu/wp-content/uploads/2021/10/This-Is-Distributed-Design-Book-by-Distributed-Design-Platform.pdf>

Löpetas geodesiaini esimene kursus : [geoloogiaalased kursused gümnaasistidele]

Karu, Veiko Studioosus 2009 / mai, lk. 7 https://www.esther.ee/record=b1558644*est

Martin Pärn: "Disaineri roll on olla initsiaator, kuraator ja vahendaja."

Pärn, Martin Diivan 2020 / lk. 32-36 : fot https://www.esther.ee/record=b1923536*est

Martin Pärn: kontoreid ootavad ees huvitavad muutused [Võrguväljaanne]

Jussila, Riina kinnisvarauudised.ee 2021 ["Martin Pärn: kontoreid ootavad ees huvitavad muutused "](#)

Mass reduction of plate frames

Erme, Martin; Enok, Mart; Roosimölder, Lembit Proceedings of the 4th International Conference Industrial Engineering - New Challenges to SME : 29-30 April 2004, Tallinn, Estonia 2004 / p. 20-22 : ill

Mechatronics system design in conceptual stage

Sell, Raivo Proceedings of the 4th International Conference Industrial Engineering - New Challenges to SME : 29-30 April 2004, Tallinn, Estonia 2004 / p. 82-85 : ill

Microsoft otsib IT-, disaini- ja turunduse partnertudengeid : [kandideerimise tingimused]

Mente et Manu 2011 / lk. 7 : ill https://www.esther.ee/record=b1242496*est

Mida disainib kultuuripoliitika?

Meliorski, Ruth-Helene Tööstuskunstist tootedisainini : artikleid 1934–2018 2018 / lk. 256-260 http://www.esther.ee/record=b4819730*est

Miks peaks juht mõtlema nagu disainer?

Kukk, Jana Director 2016 / lk. 58-63 https://artiklid.elnet.ee/record=b2753702*est

Mis juhtub, kui disain kohtub teadusega?

ari.geenius.ee 2025 <https://ari.geenius.ee/blogi/ettevotlusinkubaatori-blogi/mis-juhtub-kui-disain-kohtub-teadusega/>

Mitme palgega looja

Mobile phones control set dimensional chain calculation involving measurement uncertainty

Raba, Karl; **Kulderknup, Edi** Proceedings of the 6th International Conference of DAAAM Baltic "Industrial Engineering" : 24-26th April 2008, Tallinn, Estonia. [1] 2008 / p. 129-134 : ill <http://innomet.ttu.ee/daaam08/online/Design%20Engineering/RabaKulderknup.pdf>

Model-based learning in electric drive design

Vodovozov, Valery; Raud, Zoya Modelling and Simulation 2008 : The European Simulation and Modelling Conference 2008 : ESM'2008 : October 27-29, 2008, Le Havre, France 2008 / p. 355-359 : ill https://www.researchgate.net/publication/290347959_Model-based_learning_in_electric_drive_design

Modelling and optimal design of sheet metal RPAMPM processes

Küttner, Rein; Pohlak, Meelis; Majak, Jüri 10th European Forum on Rapid Prototyping 2004 / p. 7
<https://www.proquest.com/docview/214029707?sourceType=Scholarly%20Journals>

Modelling and optimal design of sheet metal RPAMPM processes

Pohlak, Meelis; Küttner, Rein; Majak, Jüri Rapid prototyping journal 2005 / 5, p. 304-311 : ill
<https://www.proquest.com/docview/214029707?sourceType=Scholarly%20Journals>

Moodi siit- ja sealpoolt maakera [Võrguväljaanne]

femme.ee 2022 [Moodi siit- ja sealpoolt maakera](#)

Moodne hoone asub dialoogi olemasoleva keskkonnaga

Arvamus, kultuur : [ajalehe Postimees lisa] 2022 / Lk. 24-25 <https://dea.digar.ee/article/ak/2022/02/05/21.1>

Movements in human-centredness

Melioranski, Ruth-Helene; Unt, Liina Synnyt = Origins 2015 / p. i-iii

Mullivannid, Mang ja Maile

Kaalep, Tõnu; Paulus, Karin Tööstuskunstist tootedisainini : artikleid 1934–2018 2018 / lk. 130-133 : ill
http://www.estet.ee/record=b4819730*est

Multi-attribute decision-making methods for assessment of quality in bridges and road construction : state-of-the-art surveys

Zavadskas, Edmundas Kazimieras; **Liias, Roode**; Turskis, Zenonas The Baltic journal of road and bridge engineering 2008 / 3, p. 152-160 : ill https://www.researchgate.net/publication/238190173_Multi-Attribute_Decision-Making_Methods_for_Assessment_of_Quality_in_Bridges_and_Road_Construction_State-of-the_Art_Surveys

Mutation analysis for systemC designs at TLM

Guarnieri, Valerio; Bombieri, Nicola; Pravadelli, Graziano; Fummi, Franco; **Hantson, Hanno; Raik, Jaan; Jenihhin, Maksim; Ubar, Raimund-Johannes** 12th IEEE Latin American Test Workshop (LATW) : Porto de Galinhas, Brasil, 27-30 March 2011 2011 / [6] p
<https://ieeexplore.ieee.org/document/5985925>

Mutations for testing hardware and correcting design errors

Hantson, Hanno Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK viienda aastakonverentsi artiklite kogumik : 25.-26. novembril 2011, Nelijärve 2011 / p. 105-108 : ill

NATO kursus riist- ja tarkvara koosdisainist

Tammemäe, Kalle Arvutustehnika ja Andmetöötlus 1995 / 9, lk. 23-24; 10, lk. 2-8; 11, lk. 2-7; 12, lk. 8-15

Neural network based estimator to explore the design space at system level

Ellerjee, Peeter; Öberg, Johnny; Jantsch, Axel; Hemani, Ahmed BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 2 1994 / p. 391-396: ill https://www.estet.ee/record=b2150914*est

Neural networks as the tool of knowledge extraction for fixture design

Portjanski, Leonid; Nekrassov, Grigori Annals of DAAAM for 2006 & proceedings of the 17th International DAAAM Symposium "Intelligent Manufacturing & Automation : Focus on Mechatronics and Robotics" : 8-11th November 2006, Vienna, Austria 2006 / p. 315-316

New design and material combination for anti-skid studs of tyres

Kübara, Jakob; Teeri, Niilo Proceedings of 2000 Powder Metallurgy World Congress : November 12-16, 2000, Kyoto, Japan. Part 2 2000 / p. 1637-1640 : ill

New high frequency surface fatigue wear tester : design and first results

Antonov, Maksim; Kulu, Priit; Sergejev, Fjodor; Hussainova, Irina; Veinthal, Renno Proceedings of Nordtrib 2008 : 13th Nordic Symposium on Tribology : Tampere, Finland, 10-13 June, 2008 2008 / p. NT2008-87-24
https://www.researchgate.net/publication/288482524_New_high_frequency_surface_fatigue_wear_tester_Design_and_first_results

New step-up DC/DC converter for fuel cell powered distributed generation systems: some design guidelines

Vinnikov, Dmitri; Strzelecki, Ryszard; Zakis, Janis; Roasto, Indrek Przeglad elektrotechniczny 2010 / 8, p. 245-252

<https://www.semanticscholar.org/paper/New-Step-Up-DC-DC-Converter-for-Fuel-Cell-Powered-Vinnikov-Roasto/00d1f7e78e0fe0d6e2a114c0515e6eb5eb196f4e>

A novel solar envelope method based on solar ordinances for urban planning

De Luca, Francesco; Dogan, Timur Building Simulation 2019 / p. 817 - 834 <https://doi.org/10.1007/s12273-019-0561-1> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Numerical models in the design of Saaremaa deep harbour

Liv, Toomas XXX IAHR Congress : August 2003, AUTh, Thessaloniki, Greece. Theme A, Coastal Environment : Processes and Integrated Management 2003 / p. 147-154 : ill

Näitus jätkusuutliku tuleviku probleemistikust [Võrguväljaanne]

femme.ee 2022 "[Näitus jätkusuutliku tuleviku probleemistikust](#)"

Omapärastest materjalist sisustust tootev Eesti ettevõte osaleb Berliini Disaininädalal [Võrguväljaanne]

Mets, Anna-Liisa geenius.ee 2022 [Omapärastest materjalist sisustust tootev Eesti ettevõte osaleb Berliini Disaininädalal](#)

On testing microservice systems

Koschel, Arne; Astrova, Irina; Bartels, Mirco; Helmers, Mark; Lyko, Marcel Proceedings of the Future Technologies Conference (FTC) 2020 ; vol. 3 2021 / p. 597–609 https://doi.org/10.1007/978-3-030-63092-8_40 Conference Proceedings at Scopus Article at Scopus

On using the DSM technology approach to synergy-based design of interdisciplinary systems

Kaljas, Frid; Reedik, Vello Proceedings of the 15th International Conference on Engineering Design : ICED 05 : August 15-18, 2005, Melbourne 2005 / p. 498-499

<https://www.designsociety.org/publication/23001/ON+USING+THE+DSM+TECHNOLOGY+APPROACH+TO+SYNERGY-BASED+DESIGN+OF+INTERDISCIPLINARY+SYSTEMS>

Praktilised oskused tagavad huvitava töö : [tootearenduse suuna juhist TTÜ mehaanikateaduskonna professorist Martin Erme'st]

Vapper, Tiina Õpetajate Leht 2011 / lk. 7 : fot https://artiklid.elnet.ee/record=b2285283*est

Preventing distillation-based attacks on Neural Network IP

Grailio, Mahdieh; Abideen, Zain Ul; Leier, Mairo; Pagliarini, Samuel Nascimento arXiv.org 2022 / 7 p. : ill <https://doi.org/10.48550/arXiv.2204.00292>

Proceedings of the I Forum Wood Building Baltic, 2019 : [27.02-1.03.2019, Tallinn]

Kalamees, Targo; Just, Alar; Semjonov, Meeli; Teder, Anu; Deemant, Merili 2019 https://www.estr.ee/record=b5197207*est

Product models at different design schools

Märtson, Ivar; Tamre, Mart OST-98 Symposium on Machine Design, Oulanka, Finland, October 1-3, 1998 : proceedings 1998 / p. 17-22: ill

Project-oriented approach to low-power topics in advanced digital design course

Mihailov, Dmitri; Sudnitsõn, Aleksander; Kruus, Margus Elektronika ir elektrotehnika = Electronics and electrical engineering 2010 / 6, p. 151-154 <https://eejournal.ktu.lt/index.php/elt/article/view/9381>

Quo vadis, Eesti disain?

Aunapuu, Anneliis Tööstuskunstist tootedisainini : artikleid 1934–2018 2018 / lk. 154-156 : ill http://www.estr.ee/record=b4819730*est

Raadiosagedusliku võimsusdetektori disain

Koort, Marko Elektroonika 2004 : XI rahvusvahelise telekommunikatsioonipäeva materjalid 2004 / lk. 57-67 : ill

Reflections on practice at RIS 2023

Lykouras, Ioannis; Prilenska, Viktorija; Kuusemets, Jaan; Linask, Esther; Sooväli-Sepping, Helen Regenerating the City Performance-driven and Simulation-based Computational Design for Sustainable Cities and Communities : proceedings of the 9th Regional International Symposium on Education and Research in Computer Aided Architectural Design in Europe : Tallinn University of Technology, 15-16 June 2023 2023 / p. 197-200 <https://digikogu.taltech.ee/et/item/c29fc911-ec34-45da-afe6-bc1e8515e15d>

Research on upper-body exoskeletons for performance augmentation of production workers

Abdelmomen, Mohamed; Dengiz, Ozan Fuat; Hoda, Samir; Tamre, Mart Proceedings of the 30th International DAAAM Symposium : Intelligent Manufacturing & Automation, 23-26th October 2019, Zadar, Croatia 2019 / p. 0904-0913 : ill <https://doi.org/10.2507/30th.daaam.proceedings.126>

Respiratory infection risk-based ventilation design method

Kurnitski, Jarek; Kiil, Martin; Wargocki, Paweł; Boerstra, Atze; Seppänen, Olli; Olesen, Bjarne; Morawska, Lidia Building and environment 2021 / art. 108387, 11 p. : ill <https://doi.org/10.1016/j.buildenv.2021.108387> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Response surface method for optimization of synchronous reluctance motor rotor

Orlova, Svetlana; Auzins, Janis; Pugachov, Vladislav; Rassõlkin, Anton; Vaimann, Toomas Machines 2022 / art. 897 <https://doi.org/10.3390/machines10100897> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Review of lean design management : processes, methods and technologies

Uusitalo, Petteri; Olivieri, Hylton; Seppänen, Olli; **Pikas, Ergo**; Peltokorpi, Antti 2017 Lean and Computing in Construction Congress (LC3), Volume II - Part 2 : proceedings of the 25th Annual Conference of the International Group for Lean Construction (IGLC), July 9-12, 2017, Heraklion, Crete, Greece 2017 / p. 571-578 : tab http://www.lc3-2017.com/uploads/IGLC_Full_Proceedings-part_2.pdf <https://doi.org/10.24928/2017/0224>

Rhetorical design game for expectation alignment

Koskela, Mikael; **Pikas, Ergo** Proceedings of the Design Society: International Conference on Engineering Design 2019 / p. 1593-1602 <https://doi.org/10.1017/dsi.2019.165>

Riist- ja tarkvara koosdisain ja -simuleerimine

Tammemäe, Kalle Arvutustehnika ja Andmetöötlus 1997 / 2, lk. 1-3; 3, lk. 1-6; 4, lk. 1-4; 5, lk. 1-6: ill

Ruumipilt : Eesti parimad interjöörid ja disain = Estonia's best interiors and design 2009

2010 https://www.estet.ee/record=b2072299*est

Safe workplace design : psychological risk factors

Tint, Piia; Tkatchova, Laura; Reinhold, Karin; Tuulik, Viiu Book of Proceedings : 9th Conference of the European Academy of Occupational Health Psychology 2010 / p. 441-442

Sajand sisearhitektuuri

Paulus, Karin 2016 https://www.estet.ee/record=b4554376*est

See pole kunstiöpetus, see on nägemisöpetus : [disaini lektoraadi juhataja Ilme Rätsep ja lektor Juhan Edvard Illend tutvustavad tudengite õppetööde väljapanekut]

Rätsep, Ilme; Illend, Juhan Edvard; Ummelas, Mart Mente et Manu 2004 / 10. veebr., lk. 1, 4 : ill https://artiklid.elnet.ee/record=b1546630*est

Selle maailma vägevate kontoreid ehib Eesti mööbel

Kolk, Tiina Arvamus, kultuur : [ajalehe Postimees lisa] 2022 / Lk. 24 <https://dea.digar.ee/article/ak/2022/06/04/14.1>

Ship collision as criteria in ship design

Varsta, Petri; Ehlers, Sören; Tabri, Kristjan; Klanac, A. Advanced ship design for pollution prevention 2010 / p. 191-203 : ill

SNUD. Protocols II: the Estonian Academy of Arts faculty of architecture guest speaker series 2013-2015

2018 https://www.estet.ee/record=b5053384*est

Social construction of identities in a cross-cultural experience of creating and designing homes

Paadam, Katrin; Siilak, Kristel; Ojamäe, Liis Back in the West : changing lifestyles in transforming societies 2013 / p. 125-150

Some design consideration for the 6.5 Kv IGBT-based half-bridge DC/DC converter

Vinnikov, Dmitri The Brazilian journal of power electronics = Revista electronica de potencia 2008 / 2, p. 55-60 <https://sobraep.org.br/artigo/some-design-considerations-for-the-6-5-kv-igbt-based-half-bridge-dc-dc-converter/>

Some design considerations for the 6.5 kV IGBT-based half-bridge DC/DC converter

Vinnikov, Dmitri 9th Brazilian Power Electronics Conference : COBEP2007 : Blumenau, Brasil : book of abstracts 2007 / p. 966-971 <https://sobraep.org.br/artigo/some-design-considerations-for-the-6-5-kv-igbt-based-half-bridge-dc-dc-converter/>

Strength investigation of threaded joints under static and dynamic loading

Penkov, Igor 2001 https://www.estet.ee/record=b1505236*est

Structural steel design of a large-span hall building in Estonia

Loorits, Kalju; Talvik, Ivar NSCC 2001 proceedings : 9th Nordic Steel Construction Conference : Helsinki, Finland, 18-20 June 2001 2001 / p. 99-103

Supporting mechanical design with visual programming in the NUT environment

Synergy-based approach to bad engineering [Electronic resource]

Martin, Andres; Kaljas, Frid; Reedik, Vello Proceedings of ESDA06 : 8th Biennial Conference on Engineering Systems Design and Analysis held in Torino, Italy 2006 / [8] p. [CD-ROM] https://www.researchgate.net/publication/267493367_Synergy-Based_Approach_to_Bad_Engineering

Synergy-based approach to engineering design

Kaljas, Frid; Reedik, Vello Socio-technical synergistics 2024 / p. 51-74 : ill https://www.estr.ee/record=b5651350*est

Synergy-based approach to engineering design quality

Hindreus, Tiit; Reedik, Vello Proceedings of NordDesign 2006 Conference : [August 16-18, 2006 : Reykjavik, Iceland] 2006 / p. 158-168 : ill

Synergy-based design of light fittings

Hindreus, Tiit; Martin, Andres; Reedik, Vello Proceedings of NordDesign 2008 : August 21-23, 2008 2008 / p. 29-38 : ill <https://www.designsociety.org/publication/27352/Synergy-Based+Design+of+Light+Fittings>

System design and hands-on tools for automotive industry and study process

Sell, Raivo Creative and complex design seminar proceedings 2008 / p. 27-29

https://www.academia.edu/23892428/System_Design_and_Hands_On_Tools_for_Automotive_Industry_and_Study_Process

System level design for dependability and reliability

Jervan, Gert CREDES Summer School : Dependable Systems Design : handouts 2011 / p. 5-20 : ill

System modeling combined with dimensional analysis for conceptual design

Christophe, Francois; Sell, Raivo; Coatanea, Eric; Tamre, Mart 8th International Workshop on Research and Education in Mechatronics 2007 : 14-15 June 2007, Tallinn, Estonia 2007 / p. 229-234 : ill

Tackling societal challenges requires improved design methodology

Melioranski, Ruth-Helene Synnyt = Origins 2015 / p. 16-30

TalTechi iseAuto v2.0 sai uue futuristlikuma ja pilkupüüdvama disaini [Võrguväljaanne]

arvutimaailm.ee 2021 ["TalTechi iseAuto v2.0 sai uue futuristlikuma ja pilkupüüdvama disaini"](#)

TalTechi iseAuto v2.0 uus kujundus on futuristikum ja pilkupüüdvam [Võrguväljaanne]

digi.geenius.ee 2021 ["TalTechi iseAuto v2.0 uus kujundus on futuristikum ja pilkupüüdvam"](#)

TalTechi teadlane: õigusprobleeme saab lahendada senisest loovamalt ja inimsõbralikult

goodnews.ee 2023 [TalTechi teadlane: õigusprobleeme saab lahendada senisest loovamalt ja inimsõbralikult](#)

Techniques to identify, design, and use domain archetypes and archetype patterns

Piho, Gunnar Eleventh Estonian Winter School in Computer Science (EWSCS'06) : Park Hotel Palmse, Lahemaa, Estonia : March 5-10, 2006 2006 / [1] p

Teenusedisain - tööriist, mis aitab astuda sammu teenusest elamuseni

Kukk, Jana Kaja : kommunikatsiooni ja suhtekorralduse ajakiri 2016 / lk. 11-12 : ill https://artiklid.elnet.ee/record=b2799409*est

Tehnikaülikooli kunstnikud lõpuks ometi peidust väljas : [TTÜ peahoone kuuenda korpusse auditooriumides üleval disainitudengite väljapanekud : õppejõudude kommentaariga]

Reisberg, Sulev; Rohtla, Siim Studioosus 2003 / Veebr., lk. 6-7 : ill

Ten questions concerning environmental architectural design exploration

De Luca, Francesco; Natanian, Jonathan; Wortmann, Thomas Building and environment 2024 / art. 111697

<https://doi.org/10.1016/j.buildenv.2024.111697>

Test synthesis from register-transfer level descriptions

Raik, Jaan; Paomets, Priidu BEC'96 : the 5th Biennial Baltic Electronics Conference, October 7-11, 1996, Tallinn, Estonia : proceedings 1996 / p. 311-314: ill

The Changing role of the designer in the domain of design for health and wellbeing exemplified by educational case studies

Melioranski, Ruth-Helene; Kuusk, Kristi; Alhonsuo, Mira Proceedings of the 6th International Conference on Design4Health Amsterdam 2020. Volume 2 2020 / p. 157-165 : ill <https://research.shu.ac.uk/design4health/wp-content/uploads/2020/09/D4H2020-Proceedings-Vol-2.pdf>

The design and analysis of low cost real-time fieldbus systems

Rodd, Michael G.; Dimyati, K.; **Mötus, Leo** IFAC Workshop on Distributed Computer Control Systems, August 1997, Seoul, Korea 1997 <https://www.sciencedirect.com/science/article/abs/pii/S0967066197100533>

The dual nature of design management

Pikas, Ergo; Koskela, Lauri; Tredal, Niels; Knotten, Vegard; Bølviken, Trond Envolving lean construction towards mature production management across cultures and frontiers : proceedings of the 26th Annual Conference of the International Group for Lean Construction : Volume 1 & 2, July 16th to 22nd 2018, Chennai, India 2018 / p. 647–657 : ill <https://doi.org/10.24928/2018/0537> http://iglc.net/Content/Proceedings/IGLC-2018-Proceedings-Vol1_Vol2.pdf

The ergodesign of Estonian workplaces

Tkatšova, Laura; Tint, Piia Reliability, Risk and Safety - Back to the Future : proceedings of the European Safety and Reliability Conference 2010 (ESREL 2010) : Rhodes, Greece, 5-9 September 2010 / p. 1979-1984

The ergodesign of workplaces

Tkatšova, Laura; Tint, Piia ESREL 2010 : book of abstracts : European Safety & Reliability Conference, 5-9 September 2010, Rhodes, Greece. 1 2010 / p. 250

The reduced cross-section method for the design of timber structures exposed to fire-background, limitations and new developments

Schmid, Joachim; König, Jürgen; **Just, Alar** Structural engineering international 2012 / p. 514-522
<https://www.tandfonline.com/doi/abs/10.2749/101686612X13363929517578>

The use of intelligent advisory systems in the integrated design and manufacturing environment

Kiolein, Indrek; **Saks, Alo** Proceedings of the First National DAAAM Conference in Estonia : Science '95 1996 / p. 5-18: ill

Thermal investigations of Microsystems

Szekely, Vladimir BEC'96 : the 5th Biennial Baltic Electronics Conference, October 7-11, 1996, Tallinn, Estonia : proceedings 1996 / p. 29-36: ill

3D modelling of non-uniform and turbulent flow in vertical slot fishways

Fuentes-Pérez, Juan Francisco; Silva, A.T.; Tuhtan, Jeffrey Andrew; Garcia-Vega, Ana; Carbonell Baeza, Ruth; Musall, Mark; **Kruusmaa, Maarja** Environmental modelling & software 2018 / p. 156-169 : ill <https://doi.org/10.1016/j.envsoft.2017.09.011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

To trust or not to trust : is trust a prerequisite for solving design quality problems?

Uusitalo, Petteri; Lappalainen, Eelon; Seppänen, Olli; **Pikas, Ergo**; Peltokorpi, Antti; Menzhinskii, Nikolai; Piitulainen, Mikko Construction management and economics 2021 / p. 279-297 <https://doi.org/10.1080/01446193.2020.1865553>

Toodete tehnilises dokumentatsioonis kasutatavate tingmärkide kujundamine

Lehtla, Tõnu; Risthein, Endel; Harak, Heino 2000 https://www.esther.ee/record=b1422646*est

Toodete tehnilises dokumentatsioonis kasutatavate tingmärkide kujundamine. Osa 1, Põhireeglid = Design of graphical symbols for use in the technical documentation of products. Part 1, Basic rules (ISO 81714-1:2010)

2011 https://www.esther.ee/record=b2715792*est

Towards a unified model for test and design quality

Aas, Einar J. BEC'96 : the 5th Biennial Baltic Electronics Conference, October 7-11, 1996, Tallinn, Estonia : proceedings 1996 / p. 17-20: ill

Transdisciplinary collaboration as a new phenomenon in the Estonian design field

Melioranski, Ruth-Helene Around the campfire – resilience and intelligence : Cumulus Conference Proceedings Rovaniemi 2019 2019 / p. 246-258 <https://www.cumulusrovaniemi2019.org/loader.aspx?id=be1107b9-781e-40dd-b88b-d6364b8cc528>

Trust and Trustworthiness from Human-Centered Perspective in Human–Robot Interaction (HRI)—A Systematic Literature Review

Firmino de Souza, Debora; Sousa, Sonia; Kristjuhan-Ling, Kadri; Dunajeva, Olga; Roosileht, Mare; Pentel, Avar; Möttus, Mati; Özdemir, Mustafa Can; Gratšova, Žanna Electronics 2025 / art. 1557 <https://doi.org/10.3390/electronics14081557> <https://www.mdpi.com/2079-9292/14/8/1557>

TTÜ puidutöötlemise õppetool on puidu- ja mööblitööstuse inseneride kasvulava = TUT Chair of Woodworking a breeding ground for engineers of the woodworking and furniture industries

Eesti mööblilood = Stories of Estonian furniture 2016 / lk. 134-135 : fot http://www.esther.ee/record=b4622630*est

Tudengid röhuisid töökindlusele : [TTÜ ja Tehnikakõrgkooli ühisvõistkond ehitas vormeli, mis sai oma võistlusklassis

parima uustulnuka tiitli, võistlusauto disaini konkursil 6. koha]

Inseneeria 2008 / 4. lk. 10-11 : ill

Tuleviku bussiootaja võib istuda betoonist torus : [tudengikonkursil bussipeatuste kujundamises oli auhinnatute hulgas ka TTÜ tudengeid]

Rooväli, Küllike Postimees 2003 / 14. märts, lk. 6 <https://www.postimees.ee/2005703/tuleviku-bussiootaja-voib-istuda-betoonist-torus>

A tutorial on design obfuscation : from transistors to systems

Pagliarini, Samuel Nascimento 2021 IEEE 22nd Latin American Test Symposium (LATS), Punta del Este, Uruguay, 27-29 October 2021 2021 / 3 p. : ill <https://doi.org/10.1109/LATS53581.2021.9651741>

Tähenduslik suunamuutus

Kolk, Tiina; Pärn, Martin Diivan 2021 / lk. 22-24 : fot https://www.estr.ee/record=b1923536*est

Use of falling weight deflectometer (FWD) measurement data for pavement structural evaluation and repair design

Aavik, Andrus; Talvik, Ott The 7th International Conference Environmental Engineering : May 22-23, 2008, Vilnius, Lithuania : selected papers. Volume III 2008 / p. 1101-1107 : ill

Use of intelligent advisory systems in the integrated design and manufacturing environment

Kiolein, Indrek; Saks, Alo NordDesign'96 : 28.-30.8.1996, Helsinki University of Technology, Espoo, Finland : proceedings 1996 / p. 279-287: ill

User-centered design for Human-Robot Collaboration systems

Pizzagalli, Simone Luca; Kuts, Vladimir; Otto, Tauno IOP conference series : materials science and engineering 2021 / art. 012011, 7 p.: ill <https://doi.org/10.1088/1757-899X/1140/1/012011>

Uued meetodid digitaalsüsteemide disaini ja diagnostika valdkonnas : kommentaar Eesti Vabariigi teaduse aastapreemia pälvinud tööle

Ubar, Raimund-Johannes Tallinna Tehnikaülikooli aastaraamat 1998 1999 / lk. 142-145

Uus disaini ja tootearenduse õppekava : [TTÜ ja EKA magistrataseme ühisõppekava käivitamisest]

Nöges, Krööt Mente et Manu 2010 / lk. 2 https://www.estr.ee/record=b1242496*est

Uus õppekava Design and Engineering : [TTÜ ja Eesti Kunstiakadeemia magistrataseme ühisõppekava]

Inseneeria 2010 / 5, lk. 6

Water vapor generation in residential buildings: comparing probabilistic simulations and field measurements

Glass, Samuel V.; **Kalamees, Targo**; Pallin, S.; Vinha, Juha Thermal performance of the exterior envelopes of whole buildings 2022 / p. 472-482 <https://www.scopus.com/record/display.uri?eid=2-s2.0-85167591181&origin=inward&txGid=6bb7b57e373ee6b64dd8c3c7e54094a1>

Web-based training system for teaching digital design and test

Devadze, Sergei 7th International Student Conference on Electrical Engineering : POSTER2003 : May 22, 2003, Prague, Czech Republic 2003 / p. IC6

Vimkaga ventilatsioonitoru ja silmatorkava disainiga rest?

Kamps, Mari Inseneeria 2017 / lk. 32-35 : fot http://www.estr.ee/record=b2336521*est https://artiklid.elnet.ee/record=b2820591*est

Workbench for design improvement

Fehlauer, Erhard; Feske, Klaus; Franke, Günter; Koegst, Manfred; Martin, Hans-Georg; Rülke, Steffen BEC'96 : the 5th Biennial Baltic Electronics Conference, October 7-11, 1996, Tallinn, Estonia : proceedings 1996 / p. 249-252: ill

Võimendid, segajad, jagajad - väikese firma suur jälg : [A. Taklaja ja P. Kinksi firmast Rantelon]

Kalberg, Signe HEI = Hea Eesti Idee 2012 / lk. 18-19 : portr https://issuu.com/eas-estonia/docs/hei_2012_01/18

Väikesest rõivabrändist start-up'i maailma : Liis Tiisveld leiab, et kahetseda saab ainult proovimata jätmist [Võrguväljaanne]

tartupostimees.ee 2022 [Väikesest rõivabrändist start-up'i maailma: Liis Tiisveld leiab, et kahetseda saab ainult proovimata jätmist](#)

Ülikoolid ootasid koolinoori inseneri ja disaineri ametit tutvustavasse õppaprogrammi [Võrguväljaanne]

Raag, Toomas pealinn.ee 2022 [Ülikoolid ootasid koolinoori inseneri ja disaineri ametit tutvustavasse õppaprogrammi](#)

Ülikoolide uus koostööprogramm suunab õpilasi tootearenduse valdkonda [Võrguväljaanne]

postimees.ee 2021 ["Ülikoolide uus koostööprogramm suunab õpilasi tootearenduse valdkonda"](#)

Оптимальная конструкция и ее проектирование

Jõgi, Emma Труды по строительной механике : сборник статей. 2 1967 / с. 63-85 : илл https://www.esther.ee/record=b2182184*est
<https://elera.ee/zoom/120512/view>

Решение логических задач распознавания при построении моделей проектирования для САПР
Küttner, Rein Автоматизация технологического проектирования процессов механической обработки 1982 / с. 23-29 : ил
https://www.esther.ee/record=b1309536*est <https://digikogu.taltech.ee/et/item/0f0388e0-3142-47bc-8f1e-c98973eff504>