

Assessment of power system asset dispatch under different local energy community business models

Korõtko, Tarmo; Plaum, Freddy; Häring, Tobias; Mutule, Anna; Lazdins, Roberts; Boršceviskis, Olegs; **Rosin, Argo;** Carroll, Paula *Energies* 2023 / art. 3476 <https://doi.org/10.3390/en16083476> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Climate conscious design of light structures for improving liveability of urban environments

Siani, Rossella; De Luca, Francesco *TECHNE - Journal of Technology for Architecture and Environment* 2025 / p. 309-316 <https://doi.org/10.36253/techne-16583> <https://oaj.fupress.net/index.php/techne/article/view/16583>

Design environment for creation of metal structures of higher safety requirements

Eerme, Martin; Roosimõlder, Lembit; Küttner, Rein *Proceedings NordDesign 2002 : Visions and Values in Engineering Design* : [August 14-16, 2002, NTNU, Trondheim, Norway] 2002 / p. 57-64 : ill

Economic dispatch of CHP units through District Heating Network's demand-side management

Rušeljuk, Pavel; Lepiksaar, Kertu; Siirde, Andres; Volkova, Anna *Energies* 2021 / art. 4553, 20 p. : ill <https://doi.org/10.3390/en14154553> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Emissions and power demand in optimal energy retrofit scenarios of the Finnish building stock by 2050

Hirvonen, Janne; Heljo, Juhani; **Jokisalo, Juha;** Kurvinen, Antti; Saari, Arto; Niemelä, Tuomo; Sankelo, Paula; **Kosonen, Risto** *Sustainable cities and society* 2021 / art. 102896, 22 p. : ill <https://doi.org/10.1016/j.scs.2021.102896> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Experimental analysis of cost optimization for electrical floor heating systems in volatile energy markets

Uuemaa, Madis; Uleksin, Taaniel; Tammoja, Heiki 2017 *International Conference on Control, Artificial Intelligence, Robotics & Optimization (ICCAIRO)*, 20-22 May 2017 : proceedings 2017 / p. 177-181 <http://doi.ieeecomputersociety.org/10.1109/ICCAIRO.2017.42>

Experimental modal analysis of maritime composite panel

Gavrijaševa, Alina; Märtens, Olev; Land, Raul; Saar, Tõnis; Herranen, Henrik; Majak, Jüri; Reidla, Marko; **Kuusik, Alar** *BEC* 2016 : 2016 15th Biennial Baltic Electronics Conference : proceedings of the 15th Biennial Baltic Electronics Conference : Tallinn University of Technology, October 3-5, 2016, Tallinn, Estonia 2016 / p. 143-146 : ill http://www.ester.ee/record=b2150914*est

GIS-based optimisation for district heating network planning

Tšitšerin, Stanislav; **Volkova, Anna; Latõšov, Eduard** *Energy procedia* 2018 / p. 635-641 : ill <https://doi.org/10.1016/j.egypro.2018.08.228> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Hull-superstructure interaction in optimised passenger ships

Romanoff, Jani; Remes, Heikki; Bralic, Svemir; **Naar, Hendrik;** Niemelä, Ari; Jelovica, Jasmin; Klanac, Alan; Varsta, Petri *Ships and offshore structures* 2012 / [9] p. : ill <https://www.tandfonline.com/doi/full/10.1080/17445302.2012.675196>

Modelling of nitrogen leaching from watersheds with large drained peat areas

Vassiljev, Anatoli; Kaur, Katrin; Annus, Ivar *Advances in engineering software* 2018 / p. 94-100 : ill <https://doi.org/10.1016/j.advengsoft.2018.03.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Neutron batch size optimisation methodology for Monte Carlo criticality calculations

Tuttelberg, Kaur; Dufek, Jan *Annals of nuclear energy* 2015 / p. 620-626 : ill <http://dx.doi.org/10.1016/j.anucene.2014.09.011>

An optimal solution of thermal energy usage in the integrated system of stormwater collection and domestic-water heating

Kollo, Monika; Laanearu, Janek *Urban water journal* 2017 / p. 212-222 : ill <https://doi.org/10.1080/1573062X.2015.1086006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

RC bridge management optimisation considering condition assessment uncertainties

Sein, Sander; Campos Matos, Jose; **Idnurm, Juhan;** Kiisa, Martti; Coelho, Mario *Proceedings of the Estonian Academy of Sciences* 2021 / p. 172-189 : ill <https://doi.org/10.3176/proc.2021.2.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Real-time demands and calibration of water distribution systems

Vassiljev, Anatoli; Koor, Margus; **Koppel, Tiit** *Advances in engineering software* 2015 / p. 108-113 : ill <https://doi.org/10.1016/j.advengsoft.2015.06.012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Relationship analysis and optimisation of space layout to improve the energy performance of office buildings

Du, Tiantian; Turrin, Michela; Jansen, Sabine; Dobbels, Andy van den; **De Luca, Francesco** *Energies* 2022 / art. 1268 <https://doi.org/10.3390/en15041268> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Smart Energy and power systems modelling: an IoT and Cyber-Physical Systems perspective, in the context of Energy

Informatics

Bordin, Chiara; Hakansson, Anne; **Mishra, Sambeet** Procedia computer science 2020 / p. 2254–2263

<https://doi.org/10.1016/j.procs.2020.09.275> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Technical improvement potential of large district heating network : application to the case of Tallinn, Estonia

Latšov, Eduard; Volkova, Anna; Hlebnikov, Aleksandr; **Siirde, Andres** Energy procedia 2018 / p. 337-344 : ill

<https://doi.org/10.1016/j.egypro.2018.08.197> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Value stream mapping as a tool in optimising production logistics. Case: HE Teletechnics

Hurt, Ulrika; Tomba, Andrei; **Koppel, Ott** Proceedings of the 10th International Conference of DAAAM Baltic Industrial Engineering, 12-13th May 2015, Tallinn, Estonia 2015 / p. 231-236 : ill

Warehouse layout implications on picking distance : case of human factor

Hilmola, Olli-Pekka Kristian; **Tolli, Andres** World review of intermodal transportation research 2016 / p. 43-58

<https://doi.org/10.1504/WRITR.2016.078138> [Journal metrics at Scopus](#) [Article at Scopus](#)