

Can communities produce complex technology? Looking into space for insight

Lemos, Lucas; Giotitsas, Christos Bulletin of science, technology & society 2021 / p. 35-46

<https://doi.org/10.1177/02704676211041900> [Journal metrics at Scopus](#) [Article at Scopus](#)

Complexity in designing energy efficient buildings : towards understanding decision networks in design

Pikas, Ergo; Koskela, Lauri; **Thalfeldt, Martin;** Dave, Bhargav; **Kurnitski, Jarek** Global Knowledge - Global Solutions : 23rd Annual Conference of the International Group for Lean Construction : Perth, Australia, July 29-31, 2015 : proceedings of IGLC23 2015 / p. 213-222 : ill

Complexity in engineering and natural sciences

Engelbrecht, Jüri Proceedings of the Estonian Academy of Sciences 2015 / p. 249-255 https://artiklid.elnet.ee/record=b2740532*est

<https://doi.org/10.3176/proc.2015.3.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Data-driven planning and design for spatial justice

Partanen, Jenni Vilhelmiina 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. 193-196 : ill

<https://digikogu.taltech.ee/en/Download/7b73e0ad-359b-4840-a886-4e0b149b3a88>

Deconstructing complexity: A comparative study of government collaboration in national digital platforms and smart city networks in Europe

Breaugh, Jessica; Rackwitz, Maike; Hammerschmid, Gerhard; **Nõmmik, Steven;** Bello, Benedetta; Boon, Jan; Van Doninck, Dries; Downe, James; **Randma-Liiv, Tiina** Public policy and administration 2023 <https://doi.org/10.1177/09520767231169401> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Duty of care as a basic concept of modern occupational health and safety solutions in Estonia

Siirak, Virve 5th International Conference on Interdisciplinarity in Education ICIE'10 : New Higher Education Programs, June 17-19, 2010, Tallinn, Estonia : proceedings 2010 / p. 243-247

Dynamic reading and delineation of urban areas – Applying cellular phone data in the case of Tallinn, Estonia

Vanhatalo, Jaana; **Partanen, Jenni Vilhelmiina** ECTQG 2023 : Proceedings, Abstracts 2023 / p. 189-190

https://ucpages.uc.pt/site/assets/files/1249198/ectqg_2023_proceedings_final.pdf

Higher-order Haar wavelet method for vibration analysis of nanobeams

Majak, Jüri; Shvartsman, Boris; **Ratas, Mart;** Bassir, David; **Pohlak, Meelis;** **Karjust, Kristo;** **Eerme, Martin** Materials today

communications 2020 / art. 101290, 6 p. : tab <https://doi.org/10.1016/j.mtcomm.2020.101290> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Highlights in the research into complexity of nonlinear waves

Engelbrecht, Jüri; **Berezovski, Arkadi;** **Soomere, Tarmo** Proceedings of the Estonian Academy of Sciences 2010 / p. 61-65

<https://doi.org/10.3176/proc.2010.2.01>

Improving IoT security with explainable AI : quantitative evaluation of explainability for IoT botnet detection

Kalakoti, Rajesh; **Bahsi, Hayretdin;** **Nõmm, Sven** IEEE Internet of Things Journal 2024 / p. 18237 - 18254

<https://doi.org/10.1109/IJOT.2024.3360626> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Measuring complexity of legislation. A systems engineering approach

Kütt, Andres; **Kask, Laura** Proceedings of Fifth International Congress on Information and Communication Technology : ICICT

2020, Vol. 1 2021 / p. 75-94 https://doi.org/10.1007/978-981-15-5856-6_7 [Article collection metrics at Scopus](#) [Article at Scopus](#)

Modelling of complex signals in nerves

Engelbrecht, Jüri; **Tamm, Kert;** **Peets, Tanel** 2021 <https://doi.org/10.1007/978-3-030-75039-8>

Modularization : Exploring opportunities for knowledge transfer between the mechanical engineering and construction industry

Kohl, Markus; Wilberg, Julian; Tommelein, Iris D.; **Pikas, Ergo;** Lindemann, Udo Proceedings of the 21st International Conference on Engineering Design ; Design Information and Knowledge; vol. 6 2017 / p. 227-236 [Modularization...](#)

On complex adaptive systems and electronic government - a proposed theoretical approach for electronic government studies

McBride, Keegan David Braun; **Draheim, Dirk** Electronic journal of e-Government 2020 / p. 43-53

<https://doi.org/10.34190/EJEG.18.1.004>

On positive feedback loops in digital government architecture

McBride, Keegan David Braun; **Kütt, Andres;** **Ben Yahia, Sadok;** **Draheim, Dirk** MEDES '19 : A Digital Ecosystem for Personal Manufacturing : An Architecture for Cloud-based Distributed Manufacturing Operating Systems : proceedings 2019 / p. 174-180 : ill

<https://doi.org/10.1145/3297662.3365817>

On the complexity of signal propagation in nerve fibres

Engelbrecht, Jüri; Peets, Tanel; Tamm, Kert; Laasmaa, Martin; Vendelin, Marko Proceedings of the Estonian Academy of Sciences 2018 / p. 28-38 : ill <https://doi.org/10.3176/proc.2017.4.28> http://www.ester.ee/record=b2355998*est
https://artiklid.elnet.ee/record=b2835629*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Signals in nerves from the philosophical viewpoint

Engelbrecht, Jüri; Tamm, Kert; Peets, Tanel PhilSci-Archive 2020 / 13 p <http://philsci-archive.pitt.edu/id/eprint/18135> http://philsci-archive.pitt.edu/18135/1/Signals_in_nerves_from_the_philosophical_viewpoint.pdf

Signals in nerves from the philosophical viewpoint

Engelbrecht, Jüri; Tamm, Kert; Peets, Tanel Proceedings of the Estonian Academy of Sciences 2022 / p. 369-375 : ill
<https://doi.org/10.3176/proc.2022.4.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Small countries facing the technological revolution: fostering synergies between economic complexity and foresight research

Tiits, Marek; Karo, Erkki; Kalvet, Tarmo Competitiveness Review 2024 / 23 p <https://doi.org/10.1108/CR-03-2023-0051>

Smart urban futures: outlining the smart city planning project

Partanen, Jenni Vilhelmiina Geography research forum 2020 / p. 19-34 : ill <https://grf.bgu.ac.il/index.php/GRF/article/view/597>

Studying city-wide speed limits for balancing pedestrian safety and travel times : the case of Tallinn

Rasoulinezhad, Mahdi; Partanen, Jenni Vilhelmiina ECTQG 2023 : Proceedings, Abstracts 2025 / p. 230-231
https://ucpages.uc.pt/site/assets/files/1249198/ectqg_2023_proceedings_final.pdf

Unraveling the social-technical complexity of dashboards for transformation

Lemke, Florian; Janssen, Marijn; Draheim, Dirk Electronic Governance and Open Society: Challenges in Eurasia : 8th International Conference, EGOSE 2021, Saint Petersburg, Russia, November 24–25, 2021 : proceedings 2022 / p. 21-34
https://doi.org/10.1007/978-3-031-04238-6_3 [Conference proceedings at Scopus](#) [Article at Scopus](#)