

A new remote tool enhances mammography quality control practices to save lives

Arana Pena, Lucia Mariel researchinestonia.eu 2024 [A New Remote Tool Enhances Mammography Quality Control Practices to Save Lives](#)

Aare Olander: tuima tänavapildi asemel tasub fotoraamatutes näidata inimesi, autosid ja ajaloosündmusi

Olander, Aare; Ester-Väljaots, Betti postimees.ee 2024 [Aare Olander: tuima tänavapildi asemel tasub fotoraamatutes näidata inimesi, autosid ja ajaloosündmusi](#)

Aasta arendustööd 2023

Uusen, Kaire Mente et Manu 2024 / lk. 30-31 https://www.ester.ee/record=b1242496*est

Aasta insener 2023 Mirko Arras : insenerina saab maailma paremaks muutmiseks palju ära teha

Vill, Ants visionest.institute 2024 [Aasta insener 2023 Mirko Arras : insenerina saab maailma paremaks muutmiseks palju ära teha](#)

Aasta insener 2024 on Siim Heering

toostusest.ee 2024 <https://toostusest.ee/uudis/2024/12/16/aasta-insener-2024-on-siim-heering/>
<https://teadus.postimees.ee/8155510/tanavune-aasta-insener-tegeleb-mehitamata-lennuvahenditega>

Aasta insener 2024 on Siim Heering ning aasta tehnikaüliõpilane 2024 on Daniil Valme.

insener.ee 2024 <https://www.insener.ee/aasta-insener-2024/#next>

Aasta inseneri ja aasta tehnikaüliõpilase konkurss 2024

Studioosus 2024 / lk. 10 : fot https://www.ester.ee/record=b1558644*est

Aasta inseneriks valiti TalTechi vilistlane ja Aasta tehnikaüliõpilaseks TalTechi tudeng

Mente et Manu 2024 / lk. 10 https://www.ester.ee/record=b1242496*est

Aasta parim tehasemaja : Timbeco toodetud moodullasteaod Kiili Vallas

Ehitaja 2024 / lk. 32 : fot https://www.ester.ee/record=b1072123*est

[Aasta parimad]

Mente et Manu 2024 / lk. 32-35 : fot https://www.ester.ee/record=b1242496*est

Aasta parimad teadusartiklid 2023

Uusen, Kaire Mente et Manu 2024 / lk. 26-29 : fot https://www.ester.ee/record=b1242496*est

Aasta teadlased : Riina Aav ja Rocio Estafania Rojas Hernandes

Uusen, Kaire Mente et Manu 2024 / lk. 24-25 : fot https://www.ester.ee/record=b1242496*est

Aasta Tehasemaja 2024 parimad on selgunud

moodnekodu.delfi.ee 2024 <https://moodnekodu.delfi.ee/artikkel/120317392/voitjad-aasta-tehasemaja-2024-parimad-on-selgunud>

Aasta tehnikaüliõpilane Brenda Pent: inseneeria on naiste ala ja ülipõnev

Kamps, Mari visionest.institute 2024 [Aasta tehnikaüliõpilane Brenda Pent: inseneeria on naiste ala ja ülipõnev](#)

Aastaruanne: vara õiglase väärtuse hindamisel saab kasutada erinevaid meetodeid

Güldenkoh, Maret Raamatupidamise Praktik : RP 2024 / lk. 18-20 [Aastaruanne: vara õiglase väärtuse hindamisel saab kasutada erinevaid meetodeid https://www.ester.ee/record=b2119353*est](#)

Aastaraamat 2023 / Tallinna Tehnikaülikool, Virumaa Kolledž

2024 https://www.ester.ee/record=b2666429*est

Aastavahetus läheneb : nüüdisväärtuse määramine ja majandustehingute õige kajastamine

Güldenkoh, Maret Raamatupidamise Praktik : RP 2024 / lk. 13-16 https://www.ester.ee/record=b2119353*est

ABB jätkab inseneride järelkasvu panustamist praktilise loengusarjaga TalTechis

visionest.institute 2024 [ABB jätkab inseneride järelkasvu panustamist praktilise loengusarjaga TalTechis](#)

ABCE proteins' role in RNA silencing suppression and their evolution = ABCE valkude roll RNA vaigistamise supressioonis ja nende evolutsioonis

Möttus, Jelena 2024 <https://doi.org/10.23658/taltech.43/2024> <https://digikogu.taltech.ee/et/Item/fea618c9-0f5a-4bd5-b867-c36ab775f6f1>
https://www.ester.ee/record=b5694239*est

Absolute convergence with speed and matrix transforms

Aasma, Ants; Natarajan, Pinnangudi N. TWMS Journal of applied and engineering mathematics 2024 / p. 1109-1120
<https://jaem.isikun.edu.tr/web/index.php/archive/125-vol14no3/1241-absolute-convergence-with-speed-and-matrix-transforms>

Academic startup clinic : applying effectuation and experiential principles to educate and support academic entrepreneurs

Hammoda, Basel Osama Sayed Ahmed Contemporary Enterprise and Entrepreneurship in Context 2024
<https://www.routledge.com/Contemporary-Enterprise-and-Entrepreneurship-in-Context/Hepworth-Sawyer-Marrington-Hall-Beaumont/p/book/9781032349787?srsltid=AfmBOorW7cTvYHs3DHaPa-iVxywakFbldys8vhMMT0QdCh7oz4xR-t6>

Accuracy of the Mindlin model in A0 Lamb mode scattering from partial through-thickness damage

Lints, Martin; Ratasseppe, Madis Applied Sciences (Switzerland) 2024 / art. 9351 <https://doi.org/10.3390/app14209351> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Acoustic analysis of compact silencer solution based on microperforated panel

Villau, Margus; Rämmal, Hans; Lavrentjev, Jüri Modern Materials and Manufacturing 2023 : Tallinn, Estonia, 2–4 May 2023 2024 / art. 030014 <https://doi.org/10.1063/5.0189854> [Article at Scopus](#) [Conference Proceedings at Scopus](#)

Acoustic lumped element techniques to measure the low frequency response of porous materials

Di Giulio, Elio; Napolitano, Marialuisa; Romano, Rosario Aniello; Auriemma, Fabio; Dragonetti, Raffaele Proceedings of the 10th Convention of the European Acoustics Association 2023 : Forum Acusticum, September 11-15, 2023 2024 / p. 3497-3502
<https://doi.org/10.61782/fa.2023.1056>

Data acquisition workflow utilizing lod3 geometry templates and point clouds for urban building energy modelling

Ilste, Elisa; Pikas, Ergo; Kalamees, Targo; Viik, Joosep Proceedings of the 2024 European Conference on Computing in Construction 2024 / p. 689-696 <https://doi.org/10.35490/EC3.2024.221> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Acta Baltica historiae et philosophiae scientiarum

2024 <https://www.bahps.org/acta-baltica/abhps-12-1/> https://www.ester.ee/record=b2941458*est

Acta Baltica historiae et philosophiae scientiarum

2024 <https://www.bahps.org/acta-baltica/abhps-12-2/>

Active blended learning as a tool focused on industry 5.0 at EuroTeQ Engineering University

Vodovozov, Valery; Raud, Zoja; Petlenkov, Eduard 2024 IEEE Global Engineering Education Conference (EDUCON) : proceedings 2024 / p. 1-5 <https://doi.org/10.1109/EDUCON60312.2024.10578688> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Active blended learning of industry 5.0-oriented sustainable power engineering specialists

Vodovozov, Valery; Raud, Zoja; Petlenkov, Eduard First International Conference on Sustainable Energy Education (SEED 2024) : proceedings 2024 / p. 719-725 <https://doi.org/10.4995/SEED2024.2024.19007>

Active clamped dual current-fed bidirectional DC-DC converter for wide voltage range applications

Chauhan, Sachin; Blinov, Andrei; Chub, Andrii; Vinnikov, Dmitri 2024 IEEE 65th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2024 / 7 p <https://doi.org/10.1109/RTUCON62997.2024.10830838>

Active front end converters with voltage balancing capability

Verbytskyi, Ievgen; Blinov, Andrei; Chub, Andrii; Vinnikov, Dmitri; Kyselova, Anna 2024 IEEE 65th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2024 / 5 p
<https://doi.org/10.1109/RTUCON62997.2024.10830902>

Active learning-based mobile malware detection utilizing auto-labeling and data drift detection

Deng, Zhe; Hubert, Arthur; Ben Yahia, Sadok; Bahsi, Hayretdin Proceedings of the 2024 IEEE International Conference on Cyber Security and Resilience, CSR 2024 2024 / p. 146 - 151 <https://doi.org/10.1109/CSR61664.2024.10679343> [Article at Scopus](#) [Article at WOS](#)

Active methods in entrepreneurship education : a case study with engineering students

Hammoda, Basel Osama Sayed Ahmed; Winkler, Christoph European journal of engineering education 2024 / p. 1203-1226
<https://doi.org/10.1080/03043797.2024.2384893>

Active methods in entrepreneurship education : a competency-based approach to investigate their theoretical

foundations and effectiveness = Aktiivõppe meetodid ettevõtlusõppes : pädevuspõhine lähenemine nende teoreetiliste aluste ja tõhususe uurimiseks

Hammoda, Basel Osama Sayed Ahmed 2024 https://www.ester.ee/record=b5703100*est <https://digikogu.taltech.ee/et/Item/0902f217-6fec-4ce8-84cd-dec3369bc56a> <https://doi.org/10.23658/taltech.58/2024>

Acyclicity conditions on pasting diagrams

Hadzahasanovic, Amar; Kessler, Diana-Maria Applied categorical structures 2024 / art. 31 <https://doi.org/10.1007/s10485-024-09784-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

AdAM: Adaptive Approximate Multiplier for Fault Tolerance in DNN Accelerators

Taheri, Mahdi; Cherezova, Natalia; Nazari, Samira; **Azarpeyvand, Ali**; Ghasempouri, Tara; Daneshtalab, Masoud; Raik, Jaan; Jenihhin, Maksim IEEE transactions on device and materials reliability 2024 / p. 66-75 : ill <https://doi.org/10.1109/TDMR.2024.3523386>

AdAM: adaptive fault-tolerant approximate multiplier for edge DNN accelerators

Taheri, Mahdi; Cherezova, Natalia; Nazari, Samira; **Rafiq, Ahsan**; **Azarpeyvand, Ali**; Ghasempouri, Tara; Daneshtalab, Masoud; Raik, Jaan; Jenihhin, Maksim 2024 IEEE European Test Symposium (ETS): ETS 2024 : May 20-24, 2024, The Hague, Netherlands : proceedings 2024 <https://doi.org/10.1109/ETS61313.2024.10567161> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Adaptive chaotic class topper optimization to solve Non-convex CHPED problems in power systems

Gupta, Pradeep Kumar; Tuttelberg, Kaur; Kilter, Jako 2024 IEEE PES Innovative Smart Grid Technologies - Asia (ISGT Asia) 2024 / 6 p. <https://doi.org/10.1109/ISGTAsia61245.2024.10876314>

Adaptive frequency-based power management for off-grid hybrid photovoltaic converters

Gonschorowsk, Ezequiel; Cardoso, Rafael; **Carvalho da Silva, Edivan Laercio**; Stein, Carlos Marcelo De Oliveira; Carati, Emerson Giovanni; Denardin, Gustavo Weber; da Costa, Jean Patric Eletronica de potencia 2024 / art. e202440 <https://doi.org/10.18618/REP.e202440>

ADAssure : debugging methodology for autonomous driving control algorithms

Roberts, Andrew James; Heidari Iman, Mohammad Reza; Bellone, Mauro; Ghasempouri, Tara; Raik, Jaan; Maennel, Olaf Manuel; Hamad, Mohammad; Steinhorst, Sebastian 2024 Design, Automation & Test in Europe Conference & Exhibition (DATE) : proceedings 2024 / p. 1-6 <https://doi.org/10.23919/DATE58400.2024.10546519>

Additively manufactured and topology optimized heatsink for a propulsion motor

Sarap, Martin; Kallaste, Ants; Vaimann, Toomas; Ghahfarokhi, Payam Shams 2024 International Conference on Electrical Machines (ICEM) 2024 / 6 p <https://doi.org/10.1109/ICEM60801.2024.10700108>

Addressing cross-coupling issues in magnetically integrated three-port DC-DC converters

Carvalho da Silva, Edivan Laercio; Blinov, Andrei; Sohail, Umer; Chub, Andrii 2024 IEEE 21st International Power Electronics and Motion Control Conference (PEMC) 2024 / 5 p <https://doi.org/10.1109/PEMC61721.2024.10726373>

Adjoint functor theorems for lax-idempotent pseudomonads

Arkor, Nathanael; Di Liberti, Ivan; Loregian, Fosco Theory and Applications of Categories 2024 / p. 667-685 <http://www.tac.mta.ca/tac/volumes/41/20/41-20.pdf> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Adrian Venables: Hübridsõda – Eesti lahing nähtamatu vaenlasega

Venables, Adrian Nicholas Trialoog 2024 <https://trialoog.taltech.ee/hubriidsoda-est-est-lahing-nahtamatu-vaenlasega/> [Adrian Venables: Hübridsõda – Eesti lahing nähtamatu vaenlasega](#)

An advanced diagnostic approach for broken rotor bar detection and classification in DTC controlled induction motors by leveraging dynamic SHAP interaction feature selection (DSHAP-IFS) GBDT methodology

Khan, Muhammad Amir; Asad, Bilal; Vaimann, Toomas; Kallaste, Ants Machines 2024 / art. 495 <https://doi.org/10.3390/machines12070495> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Advanced digital technologies in the post-disaster reconstruction process—A review leveraging small language models

Rawat, Alok; Witt, Emlyn David Qivitoq; Roumyeh, Mohamad; Lill, Irene Buildings 2024 / art. 3367 <https://doi.org/10.3390/buildings14113367> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Advanced, universal, and facile gel spinning-based aerogel fibrillation : in situ fabrication of highly stretchable TPU-silica hybrid network in ambient conditions

Omranpour, Hosseinali; Hassanifard, Soran; Monfared, Ali Reza; **Omranpour Shahreza, Babak**; Salehi, Amirmehdi; Jalali, Amirjalal; Kheradmandkeymoussi, Mohamad; Rahman, Saadman Sakib; Behdinin, Kamran; Park, Chul B. Advanced composites and hybrid materials 2024 / art. 105 <https://doi.org/10.1007/s42114-024-00911-9>

Advancement in perception capabilities for autonomous vehicles : from dataset collection to scene interpretation = Autonomõsete sõidukite tajuvõimekuse täiustamine : andmekogumisest stseeni tõlgendamiseni

Gu, Junyi 2024 https://www.ester.ee/record=b5703761*est <https://digikogu.taltech.ee/et/item/a1d10aec-0115-4574-8548-356884ec5e86> <https://doi.org/10.23658/taltech.60/2024>

Advancements in risk stratification and management strategies in primary cardiovascular prevention

Barkas, Fotios; Sener, Yusuf Ziya; Goloroush, Pelin Arabacilar; Kheirkhah, Azin; Rodriguez-Sanchez, Elena; Novak, Jan; Apellaniz-Ruiz, Maria; Akyea, Ralph Kwame; Bianconi, Vanessa; **Demikhova, Nadiia** Atherosclerosis 2024 / art. 117579 <https://doi.org/10.1016/j.atherosclerosis.2024.117579>

Advancing Circular Economy Models : The Synergistic Role of Service Design and Blockchain Technology in Enhancing

Sustainability and Consumer Engagement

Gerasimova, Vera Scientific Papers of the University of Pardubice, Series D : Faculty of Economics and Administration 2024 / art. 2126 <https://doi.org/10.46585/sp32022126>

Advantages of low-cost LiDAR sensors in surveying underground utility networks

Jerjomina, Angelina; Varbla, Sander Tunnelling and underground space technology 2024 / art. 106325
<https://doi.org/10.1016/j.tust.2024.106325>

The AGEMERA project : building European capacities with innovative exploration technologies

Hand, Tony Kliimast, geoloogiast, ringmajandusest ja ajaloost 2024 / p. 46 https://www.ester.ee/record=b5673955*est
<https://kirjandus.geoloogia.info/reference/49154>

Aggregator index for 24-hour energy flexibility evaluation in an ADN including PHEVs

Rashtbaryan, A.; Gharehpetian, Gevork B.; Baghaee, H. R.; **Ahmadihangar, Roya** IEEE Access 2024 / p. 16105-16116
<https://doi.org/10.1109/ACCESS.2024.3353136> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ago Luberg: kaovad töökohad, mida saab lihtsalt automatiseerida

Luberg, Ago menu.err.ee 2024 [Ago Luberg: kaovad töökohad, mida saab lihtsalt automatiseerida](#)

Ahvatlevate üliodavate vidinate küljes ripub tegelikult palju raskem hinnasilt

Ummik, Mari-Liis postimees.ee 2024 [Ahvatlevate üliodavate vidinate küljes ripub tegelikult palju raskem hinnasilt](#)

AI applications to enhance resilience in power systems and microgrids - a review

Zahraoui, Younes; **Korötko, Tarmo; Rosin, Argo**; Mekhilef, Saad; Seyedmahmoudian, Mehdi; Stojcevski, Alex; Alhamrouni, Ibrahim Sustainability 2024 / art. 4959 <https://doi.org/10.3390/su16124959> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

“Al ei mõtle, Al arvutab”. Konverentsil kohtusid tehisaru rakendajad ja entusiastid

Kald, Indrek ituudised.ee 2024 [“Al ei mõtle, Al arvutab”. Konverentsil kohtusid tehisaru rakendajad ja entusiastid](#)

AI functionalities in cobot-based manufacturing for performance improvement in quality control application

Moor, Madis; Sarkans, Martinš; Kangru, Tavo; **Otto, Tauno; Riives, Jüri** Journal of machine engineering 2024 / p. 5-16
<https://doi.org/10.36897/jme/189169>

AI generated route data pre-processing for faster decision making

Maas, Rene; Ševtšenko, Eduard; **Karaulova, Tatjana** 2024 8th International Young Engineers Forum on Electrical and Computer Engineering (YEF-ECE) 2024 / p. 82-87 <https://doi.org/10.1109/YEF-ECE62614.2024.10625086>

AI ja võrdne kohtlemine. Isegi võrdse kohtlemise kaasused vajavad teadmisi tehnoloogiaõigusest

Joamets, Kristi taltech.ee 2024 <https://taltech.ee/uudised/ai-ja-vordne-kohtlemine-isegi-vordse-kohtlemise-kaasused-vajavad-teadmisi>

AI technologies and their applications in small-scale electric power systems

Shahid, Arqum; Plaum, Freddy; Korötko, Tarmo; Rosin, Argo IEEE Access 2024 / p. 109984-110001
<https://doi.org/10.1109/ACCESS.2024.3440067> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

AI tööriistad – aja ja raha kokkuhoiukoht, mida olen ettevõtjana aastaid igatsenud

Torim, Teet BestMarketing.ee 2024 [AI tööriistad – aja ja raha kokkuhoiukoht, mida olen ettevõtjana aastaid igatsenud](#)

AI-based surrogate model for the prediction of ship fuel consumption reflecting hydrometeorological conditions

Zhang, Mingyang; Tsoulakos, Nikolaos; **Kujala, Pentti Jouko Sakari**; Hirdaris, Spyros Proceedings of the International Conference on Offshore Mechanics and Arctic Engineering - OMAE 2024 ; vol. 9 2024 / OMAE2024-121992, V009T13A016 ; 11 pages
<https://doi.org/10.1115/OMAE2024-121992>

Ain Kendra: ekslikud laborikatsed suurendavad Rail Baltica jalajälge ja maksumust

Kendra, Ain forte.delfi.ee 2024 [Ain Kendra: ekslikud laborikatsed suurendavad Rail Baltica jalajälge ja maksumust](#)

Ain Kendra: pikemate autorongide mõjust meie teedele

Kendra, Ain err.ee 2024 [Ain Kendra: pikemate autorongide mõjust meie teedele](#)

Aina vähem välistudengeid saavad viisa. “Me ei tohi olla tige väikeriik”

Land, Tiit aripaev.ee 2024 [Aina vähem välistudengeid saavad viisa. “Me ei tohi olla tige väikeriik”](#)

Ainult tüdrukutele mõeldud huviring - kas võrdõiguslikkust edendav erimeede või hoopis poiste diskrimineerimine

Veske, Christian; Joamets, Kristi opleht.ee 2024 [Ainult tüdrukutele mõeldud huviring - kas võrdõiguslikkust edendav erimeede või hoopis poiste diskrimineerimine](#)

Air-core coupled inductor based modular solid-state circuit breaker with reduced components for DC buildings

Pogulaguntla, Aditya; Dsa, Daniel; Yagna, Griddaluru Venkata; Banavath, Satish Naik; **Carvalho da Silva, Edivan Laercio; Chub, Andrii; Vinnikov, Dmitri** IEEE journal of emerging and selected topics in power electronics 2024 / 12 p
<https://doi.org/10.1109/JESTPE.2024.3485735>

AIRE juht: tööstussektori ellujäämiseks vajame mõtte maailma muutmist

Nemvalts, Juuli TööstusEST 2024 / lk. 22-23 : fot https://www.ester.ee/record=b4481084*est

AIS data analysis: reality in the Sea of Echos

Visky, Gabor; Rohl, Alexander; Katsikas, Sokratis; **Maennel, Olaf Manuel** 2024 IEEE 49th Conference on Local Computer Networks (LCN) 2024 / 7 p <https://doi.org/10.1109/LCN60385.2024.10639765>

Aivar Riisalu: tänased poliitikakujundajad pole praktilise eluga kursis, neil puudub empaatiavõime

Lomp, Loora-Elisabet postimees.ee 2024 [Aivar Riisalu: tänased poliitikakujundajad pole praktilise eluga kursis, neil puudub empaatiavõime](#)

Ajalooliselt prohvetliku sõnumiga voodilina leidis koha spordimuuseumis

err.ee 2024 [Ajalooliselt prohvetliku sõnumiga voodilina leidis koha spordimuuseumis](#)

Ajame digitiigri taas hüppesse ja rakendame ta töötajakogemuse vankri ette

Veeber, Heleriin personali uudised.ee 2024 [Ajame digitiigri taas hüppesse ja rakendame ta töötajakogemuse vankri ette](#)
<https://digikogu.taltech.ee/et/item/4229dfd0-dbfa-4a0b-a025-722dc26c3493>

Akadeemia juures tegutsevad ekspertkogud : Eesti polaaruuringute komisjon

Vaikmäe, Rein Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2023 2024 / lk. 17 https://www.ester.ee/record=b1218094*est

Akadeemia juures tegutsevad ekspertkogud : Hariduskomisjon

Kübarsepp, Jakob Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2023 2024 / lk. 21-22 https://www.ester.ee/record=b1218094*est

Akadeemia pingestatud ühiskonnas : Tarmo Soomere 2023. aasta [6.] detsembri üldkogul peetud ettekande alusel

Soomere, Tarmo Eesti Teaduste Akadeemia sõnas ja pildis 2023 2024 / lk. 4-9 : fot https://www.ester.ee/record=b5054043*est

Akadeemik : tööstuses võiks olla rohkem doktorikraadiga juhte

Mihkelsaar, M.; Grossberg-Kuusk, Maarja novaator.err.ee 2024 [Akadeemik: tööstuses võiks olla rohkem doktorikraadiga juhte](#)

Akadeemik Jakob Kübasepp sai teaduse elutööpreemia

Mente et Manu 2024 / lk. 8 : fot https://www.ester.ee/record=b1242496*est

Akadeemik Jarek Kurnitski pälvis Rydbergi kuldmedali

Uusen, Kaie Trialoog 2024 <https://trialoog.taltech.ee/akadeemik-jarek-kurnitski-palvis-rydbergi-kuldmedali/>

Akadeemik Jarek Kurnitski: tahame olla maailma tipus, aga piirdume siiski külma kliimaga ehk troopikasse ei trügi

Kurnitski, Jarek digi.geenius.ee 2024 [Akadeemik Jarek Kurnitski: tahame olla maailma tipus, aga piirdume siiski külma kliimaga ehk troopikasse ei trügi](#)

Akadeemik Olav Aarna: üks kord kindla põhja peale ehitada on tükk maad odavam, kui igal aastal mitu korda auke lappida

Aarna, Olav Harku Valla Teataja 2024 / lk. 3 https://www.ester.ee/record=b1812623*est

Akadeemikute tegevus : liikmeskond [seisuga 1. jaan. 2023]

Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2023 2024 / lk. 11-15 : portr https://www.ester.ee/record=b1218094*est

Akadeemiline vara on parem kui fosforiit

Samoson, Ago postimees.ee 2024 / lk. 14 <https://dea.digar.ee/article/postimees/2024/10/08/12.9>

Akadeemilisest kirjastamisest : põnevaid sõnumeid Eesti teaduste akadeemia kirjastuse teadusajakirjade 2023. aasta artiklitest või teemanumbritest

Eesti Teaduste Akadeemia sõnas ja pildis 2023 2024 / lk. 53-57 : ill https://www.ester.ee/record=b5054043*est

"AK.Nädal" uuris, kuidas häirivad tuulepargid julgeolekut

Põlendik, Kadri; Aaspõllu, Huko err.ee 2024 ["AK.Nädal" uuris, kuidas häirivad tuulepargid julgeolekut](#)

Aktiivne tudengielu annab tudengile hääle

Perandi, Joosep Mente et Manu 2024 / lk. 64-65 : fot https://www.ester.ee/record=b1242496*est

Aktiivsest tudengist saab aktiivne vilistlane

Keerdo, Kristina Studioosus 2024 / lk. 32-34 : fot https://www.ester.ee/record=b1558644*est

Akulaevade areng ja tulevikuväljavaade

Kasepõld, Kadi Meremees : Eesti merendusajakiri = Estonian maritime magazine 2024 / lk. 19-21 : ill
https://www.ester.ee/record=b4646644*est https://issuu.com/ajakirimeremees/docs/meremees_nr_325-issuu

Akvile Svidraite's mobility eperience

Svidraite, Akvile Studioosus 2024 / lk. 56-57 : fot https://www.ester.ee/record=b1558644*est

Alar Konist: Eesti heitenormid on Euroopaga võrreldes karmimad

err.ee 2024 [Alar Konist: Eesti heitenormid on Euroopaga võrreldes karmimad](#)

Alexela asub TalTechi korvpallimeeskonna seljataha

postimees.ee 2024 [Alexela asub TalTechi korvpallimeeskonna seljataha](#)

Algas konkurss, mis on IKT-sektori tööandjate kõrgeim tunnustus noorteadlasele

Kald, Indrek ituudised.ee 2024 [Algas konkurss, mis on IKT-sektori tööandjate kõrgeim tunnustus noorteadlasele](#)

Algas TalTechi sügisene stipendiumikonkurss

postimees.ee 2024 [Algas TalTechi sügisene stipendiumikonkurss](#)

Algas teadusfoorum «TeadusEST 2024: teadustaristu – kellele ja miks?»

teadus.postimees.ee 2024 [Algas teadusfoorum «TeadusEST 2024: teadustaristu – kellele ja miks?»](#)

Algas tulevaste inseneride ja energeetikute suvelaager Enerhack

toostusuudised.ee 2024 [Algas tulevaste inseneride ja energeetikute suvelaager Enerhack](#)

Algas vastuvõtt TalTechi – kandideerida saab enam kui 75-le õppekavale

digi.geenius.ee 2024 [Algas vastuvõtt TalTechi – kandideerida saab enam kui 75-le õppekavale](#)

Algas vastuvõtt TalTechi, valikus on enam kui 75 õppekava

Mente et Manu 2024 / lk. 12 https://www.ester.ee/record=b1242496*est

Algatus kutsub kinkima koolidele loodusainete õppe- ja katsekomplekte

postimees.ee 2024 [Algatus kutsub kinkima koolidele loodusainete õppe- ja katsekomplekte](#)

Algorithm for rapid exclusion of clinically relevant plasma levels of DOACs in patients using the DOAC Dipstick. An expert consensus paper

Harenberg, Job; Gosselin, Robert C.; Cuker, Adam; Becattini, Cecilia; Pabinger, Ingrid; Poli, Sven; Weitz, Jeffrey Ian; Pikta, Marika
Thrombosis and Haemostasis 2024 / p. 770-777 <https://doi.org/10.1055/a-2261-1811> [Journal metrics at Scopus](#) [Article at Scopus](#)
[Journal metrics at WOS](#) [Article at WOS](#)

An algorithm to transform discrete-time state equations into the extended observer form

Kaldmäe, Arvo; Kotta, Ülle Automatica 2024 / art. 111598 <https://doi.org/10.1016/j.automatica.2024.111598> [Journal metrics at Scopus](#)
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Allahinnatud lihakraami tohib sügavkülmas hoida arvatust märksa lühemat aega

Suurmägi, Kadri postimees.ee 2024 [Allahinnatud lihakraami tohib sügavkülmas hoida arvatust märksa lühemat aega](#)

Allan Niidu: laevanduse rohepööre takerdub kütuste kõrge hinna taha

Niidu, Allan novaator.err.ee 2024 [Allan Niidu: laevanduse rohepööre takerdub kütuste kõrge hinna taha](#)

Allkirjastati roheasfaldi rakendusüuringute leping

Reinla, Siim Viimsi Teataja 2024 / Lk. 3 <https://dea.digar.ee/article/viimsiteataja/2024/03/08/4.3>

Alongshore sediment transport in the Eastern Baltic Sea

Jankowski, Mikolaj Zbigniew; Soomere, Tarmo; Parnell, Kevin Ellis; Eelsalu, Maris Journal of coastal research 2024 / p. 261-265 <https://doi.org/10.2112/JCR-SI113-052.1>

Along-track satellite altimetry to identify coastal sea level dynamics using a synergized geodetic-oceanographic approach = Satelliitaltimeetria pikiorbiitse andmestikuga rannikumere veetaseme dünaamika tuvastamine kasutades sünergilist geodeetilist-okeanograafilist meetodit

Mostafavi, Majid 2024 https://www.ester.ee/record=b5671644*est <https://doi.org/10.23658/taltech.11/2024>

An alternative approach to science and technology parks

Tsiouris, Nikiforos Postdigital science and education 2024 / p. 464–479 <https://doi.org/10.1007/s42438-024-00493-1>

An alternative chlorine-assisted optimization of CdS/Sb2Se3 solar cells : towards understanding of chlorine incorporation mechanism

Gopi, Sajeesh Vadakkedath; Spalatu, Nicolae; Katerski, Atanas; Kulicek, Jaroslav; Razek, Bohuslav; Ukraintsev, Egor; Barinkova, Marketa Šlapal; Zoppi, Guillaume; **Krunks, Malle; Oja Acik, Ilona** Journal of alloys and compounds 2024 / art. 176175 <https://doi.org/10.1016/j.jallcom.2024.176175>

Alusteaduste aastale pandi punkt

Vaimann, Toomas; Abner, Erik Eesti Teaduste Akadeemia sõnas ja pildis 2023 2024 / lk. 65-67 : fot https://www.ester.ee/record=b5054043*est

Ambient data-based online identification and location of frequency oscillations

Cai, Guowei; Xuan, Lei; Sun, Zhenglong; Chao, Jiang; **Belikov, Juri;** Levron, Yoash International Journal of Electrical Power and Energy Systems 2024 / art. 109843 <https://doi.org/10.1016/j.ijepes.2024.109843> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ameliorated quantum class topper optimization to solve economic load dispatch problems

Gupta, Pradeep Kumar; Kumari Gupta, Anju; **Tuttelberg, Kaur; Kilter, Jako** 2024 3rd International Conference on Energy Transition in the Mediterranean Area (SyNERGY MED) 2024 / 5 p <https://doi.org/10.1109/SyNERGYMED62435.2024.10799422>

Ammuste aegade jõulud

Sarv, Krista ohtuleht.ee 2024 <https://www.ohtuleht.ee/tiiu/1119216/fotolaegas-ammuste-aegade-joulud>

Amüotroofiline lateraalskleroos ja assisteeritud suitsiidi valikuvõimalus

Gross-Paju, Katrin Lege Artis : ajakiri Eesti arstidele 2024 / lk. 33-35 https://www.ester.ee/record=b1575283*est

An assessment of the scope and effectiveness of soft measures to handle plastic pollution in the Baltic Sea Region

Filho, Walter Leal; **Voronova, Viktoria; Barbir, Jelena;** Moora, Harri; **Klõga, Marija;** Kliučininkas, Linas; Klavins, Maris; Tircă, Diana-Mihaela Marine pollution bulletin 2024 / art. 117090, 10 p. : ill <https://doi.org/10.1016/j.marpolbul.2024.117090> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An overview of FPGA-inspired obfuscation techniques

Abideen, Zain Ul; Gokulanathan, Sumathi; Aljafar, Muayad J.; Pagliarini, Samuel Nascimento ACM computing surveys 2024 / art. 299, 35 p. : ill <https://doi.org/10.1145/3677118> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Analysis of consumer energy flexibility and applicability for power system

Metsik, Merilin; Rosin, Argo; Maask, Vahur; Agabus, Hannes 2024 IEEE 65th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2024 / 6 p <https://doi.org/10.1109/RTUCON62997.2024.10830882>

Analysis of design requirements and optimization possibilities of partial power converter for photovoltaic string applications in DC microgrids

Chub, Andrii; Hassanpour, Naser; Yadav, Neelesh; Jalakas, Tanel; Blinov, Andrei; Vinnikov, Dmitri IEEE Access 2024 / p. 14605-14619 <https://doi.org/10.1109/ACCESS.2024.3354375> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Analysis of policy alignment including country case studies : Deliverable D8.1

Šogenova, Alla; Šogenov, Kazbulat; Fantini, Martina; Ferrari, Katia; Guasti, Elisa; Martinelli, Francesco; Sogni, Alberto; Damasiotis, Markos; Patlitzianas, Kostas; Tzaos, Petros; Dütschke, Elisabeth; Kantel, Anne; Jannsen, Hannah 2024 <https://www.herccules.eu/results-publications/deliverables/public.html>

Analysis of wave properties in the Baltic Sea : integrating findings from the Gulf of Finland, Gulf of Riga and Western Baltic Coasts

Giudici, Andrea; Männikus, Rain; Jankowski, Mikolaj Zbigniew; Soomere, Tarmo New challenges for Baltic Sea Earth System research : conference proceedings 2024 / p. 61-62 https://baltic.earth/imperia/md/assets/baltic_earth/baltic_earth/baltic_earth/5bec_proceedings.pdf

Analyzing Apache Storm as core for an event processing network model

Schulze, Christin; Gerner, Christian; Tyca, Matthias; Koschel, Arne; Pakosch, Anna; **Astrova, Irina** Intelligent systems and applications : proceedings of the 2021 Intelligent Systems Conference (IntelliSys). Volume 3 2024 / p. 397 - 410 https://doi.org/10.1007/978-3-031-47715-7_27 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Anchor tenants : social capital creation in nascent entrepreneurial ecosystems

Harima, Aki Entrepreneurial ecosystems in cities and regions : emergence, evolution, and future 2024 / p. 314-331
<https://doi.org/10.1093/oso/9780192866264.003.0018>

Andmekaitse algab igast inimesest endast

Kivipuur, Dauri Postimees 2024 / lk. 14 <https://dea.digar.ee/article/postimees/2024/04/19/12.9>

Andres Laasma: kui usud, et elukestev õpe on põneva ja täisväärtusliku elu võti, võib doktorikraadi taotlemine olla sinu jaoks ideaalne tee

Laasma, Andres Imeline Teadus 2024 / lk. 54 : fot https://www.ester.ee/record=b2747925*est

ANDROMEDA Portfolio of Microplastics Analyses Protocols

Booth, Andy M.; Bouwens, Jan; Brandt, Josef; **Buhhalko, Natalja**; Catarino, Ana Isabel; De Witte, Bavo; Everaert, Gert; Foscari, Aurelio; **Lips, Urmas**; **Kikas, Villu**; **Lind, Kati** 2024

https://www.researchgate.net/publication/378775799_ANDROMEDA_Portfolio_of_Microplastics_Analyses_Protocols

Annetagem annetele!

Trialoog 2024 <https://trialoog.taltech.ee/annetagem-annetele/>

Annetamine ja heategevus kõrghariduse hüvanguks. Kuidas muuta traditsioon kultuuri pärisosaks?

Toming, Elinor delfi.ee 2024 [Annetamine ja heategevus kõrghariduse hüvanguks. Kuidas muuta traditsioon kultuuri pärisosaks?](https://delfi.ee/annetamine-ja-heategevus-korghariduse-huvanguks-kuidas-muuta-traditsioon-kultuuri-parisosaks/)

ANN-LSTM based tool for photovoltaic power forecasting

Zahraoui, Younes; **Korõtko, Tarmo**; Mekhilef, Saad; **Rosin, Argo** 2024 4th International Conference on Smart Grid and Renewable Energy (SGRE) : proceedings 2024 / 6 p. : ill <https://doi.org/10.1109/SGRE59715.2024.10428969>

Another scalability is possible! From non-scalability to cosmological scalability

Kostakis, Vasileios; **Lemos, Lucas Barreiro**; **Kouvara, Asimina** tripleC: Communication, Capitalism & Critique 2024 / p. 620-629 <https://doi.org/10.31269/triplec.v22i2.1535> [Journal metrics at Scopus](#) [Article at Scopus](#)

Ansambli Jam 30. juubelituur: see pole mingi nostalgiapauk!

kroonika.delfi.ee 2024 [Ansambli Jam 30. juubelituur: see pole mingi nostalgiapauk!](https://delfi.ee/ansambli-jam-30-juubelituur-see-pole-mingi-nostalgiapauk/)

Anto Raukase stipendiumi saavad kaks TalTechi tudengit

postimees.ee 2024 [Anto Raukase stipendiumi saavad kaks TalTechi tudengit](https://postimees.ee/anto-raukase-stipendiumi-saavad-kaks-taltech-i-tudengit/)

Ants Piibu 140. sünniaastapäeva tähistati raamatu avaldamisega

Aarma, Liivi Raplamaa Sõnumid 2024 / Lk. 14-16 <https://dea.digar.ee/article/raplamaasonumid/2024/06/05/11.2>

Apolipoprotein A-I infusions and cardiovascular outcomes in acute myocardial infarction according to baseline LDL-cholesterol levels: the AEGIS-II trial

Gibson, Charles Michael; Duffy, Danielle; Bahit, Maria Cecilia; Chi, Gerald; White, Harvey; Korjian, Serge; Alexander, John Hunter P.; Lincoff, A. Michael; Heise, Mark; Kingwell, Bronwyn A.; **Viigimaa, Margus** European Heart Journal 2024 / p. 5023 - 5038

<https://doi.org/10.1093/eurheartj/ehae614> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Applicability of limiting phase angle temperatures for measuring the low temperature performance and aging of asphalt binders = Piiravate faasinurga temperatuuride rakendatavus bituumenite madala temperatuuri ja vananemiselase toimivuse mõõtmiseks

Lill, Kristjan 2024 https://www.ester.ee/record=b5712446*est <https://digikogu.taltech.ee/et/Item/7e247788-70ef-4a2b-b0d1-d72c16a9b993>
<https://doi.org/10.23658/taltech.70/2024>

The applicability of sulfoxide Michael acceptor - 2-(S)-[(4-methylphenyl)sulfinyl]-2-cyclopenten-1-one in constructing the carbon skeleton of 9,11-secoosterols

Rõuk, Kristi; Kõllo, Marek; Järving, Ivar; Lopp, Margus Proceedings of the Estonian Academy of Sciences 2024 / p. 223-227 : ill
<https://doi.org/10.3176/proc.2024.3.06>

Application of active thermography for the study of losses in components produced by laser powder Bed fusion

Quercio, Michele; Poskovic, Emir; Franchini, Fausto; Fracchia, Elisa; Ferraris, Luca; Canova, Aldo; Tenconi, Alberto; **Tiismus, Hans**; **Kallaste, Ants** Journal of magnetism and magnetic materials 2024 / art. 171796 <https://doi.org/10.1016/j.jmmm.2024.171796> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Application of shore sediments accumulated in navigation channel for restoration of sandy beaches around Pärnu City, SW Estonia, Baltic Sea

Tõnisson, Hannes; **Männikus, Rain**; Kont, Are; Palginõmm, Valdeko; **Alari, Victor**; Suuroja, Sten; Vaasma, Tiit; Vilumaa, Kadri Journal of marine science and engineering 2024 / art. 394 <https://doi.org/10.3390/jmse12030394> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Application of Taguchi method for in-situ synthesis of TiC from TiO₂–graphite powders in PTAW hardfacings and characterization thereof

Yöyler, Sibel; Surzhenkov, Andrei; Viljus, Mart; Traksmaa, Rainer; Juhani, Kristjan Modern materials and manufacturing 2023 : Tallinn, Estonia, 2-4 May 2023 2024 / art. 040007 <https://doi.org/10.1063/5.0189317> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Application of transfer learning for instrument transformer condition monitoring

Asefi, Sajjad; Kilter, Jako; Akroud, Nabil; Hurtado, Aritz; Gilbert, Ian; Orue, Inaki 2024 International Conference on Diagnostics in Electrical Engineering (Diagnostika) 2024 / 4 p <https://doi.org/10.1109/Diagnostika61830.2024.10693903>

Applying reflexive-adaptive law for safeguarding the European Union's Security of gas supply during the transition era = Refleksiivse-kohanduva õiguse rakendamise Euroopa Liidu gaasitarnekindluse tagamiseks üleminekuperioodil

Keypour, Javad 2024 <https://doi.org/10.23658/taltech.41/2024> https://www.ester.ee/record=b5693102*est <https://digikogu.taltech.ee/et/Item/833878b1-64e1-49ac-8938-73261eab01f1>

The approximation of the Ukrainian social legislation to the EU acquis in times of war : the key challenges for reforms

Fedorova, Alla; Hamulak, Ondrej Eastern Journal of European Studies 2024 / p. 172–191 <https://doi.org/10.47743/ejes-2024-SI08>

Aqueous bromide oxidized with pulsed corona discharge

Petrošenko, Irina; Preis, Sergei Journal of electrostatics 2024 / art. 103978, 9 p. : ill <https://doi.org/10.1016/j.elstat.2024.103978> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Archil Chochia: lääs saab veel Gruusiale appi tulla

Chochia, Archil err.ee 2024 [Archil Chochia: lääs saab veel Gruusiale appi tulla](#)

Architectural solutions for high-speed data processing demands of CERN LHC detectors with FPGA and high-level synthesis

Devadze, Sergei; Nielsen, Christine Elizabeth; **Mihhailov, Dmitri; Ellervee, Peeter** 2024 IEEE Nordic Circuits and Systems Conference (NorCAS) 2024 <https://doi.org/10.1109/NorCAS64408.2024.10752490> [Article at Scopus](#)

Are small- and medium-sized enterprises more likely to innovate when facing informal competition? Evidence from Kazakhstan

Aguzzi, Tommaso; Ianole-Calin, Rodica; **Durst, Susanne** International journal of sociology and social policy 2024 / p. 499-515 <https://doi.org/10.1108/IJSSP-11-2023-0303> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Arenev Euroopa teaduse eetikakoodeks : akadeemikud Tarmo Soomere ja Raivo Uibo inspireerituna Krista Varantola ettekandest

Soomere, Tarmo; Uibo, Raivo Eesti Teaduste Akadeemia sõnas ja pildis 2023 2024 / lk. 34-39 : fot https://www.ester.ee/record=b5054043*est

Arengufond andis välja rekordsummas stipendiume

Mente et Manu 2024 / lk. 11 : fot https://www.ester.ee/record=b1242496*est

Arengufond võttis vastu Eesti esimese token-annetuse

Mente et Manu 2024 / lk. 11 : fot https://www.ester.ee/record=b1242496*est

Arenguseire energiakonverents: kuidas muutub tarbijate roll elektrisüsteemis

postimees.ee 2024 [Arenguseire energiakonverents: kuidas muutub tarbijate roll elektrisüsteemis](#)

Argo Rosin: teadmiste roll tõe(järg)se ühiskonna kujunemisel

Rosin, Argo err.ee 2024 [Argo Rosin: teadmiste roll tõe\(järg\)se ühiskonna kujunemisel](#)

Arhitektuurimuuseumi vestlussari võtab luuba alla muinsuskaitsealused elamud

kultuur.err.ee 2024 [Arhitektuurimuuseumi vestlussari võtab luuba alla muinsuskaitsealused elamud](#)

Arhitektuuritundengid tahavad põhumajade ehitusele uue hoo sisse lükata

postimees.ee 2024 [Arhitektuuritundengid tahavad põhumajade ehitusele uue hoo sisse lükata](#)

Artificial Hummingbird Algorithm For Optimal Reconfiguration Of Electrical Distribution networks

Zahraoui, Younes; Bouhanik, Anes; **Korötko, Tarmo; Rosin, Argo;** Mekhilef, Saad 2024 IEEE 22nd Mediterranean Electrotechnical Conference (MELECON) 2024 / p. 225-229 <https://doi.org/10.1109/MELECON56669.2024.10608525>

Artificial intelligence based data curation: enabling a patient-centric European health data space

de Zegher, Isabelle; **Norak, Kerli;** Steiger, Dominik; Müller, Heimo; Kalra, Dipak; Scheenstra, Bart; Cina, Isabella; Shulz, Stefan; Uma, Kanimozhi; Kalendralis, Petros; Lotmam, Eno-Martin; Benedikt, Martin; Dumontier, Michel; Celebi, Remzi Frontiers in Medicine 2024 / p. 1365501 <https://doi.org/10.3389/fmed.2024.1365501> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#)

Artificial intelligence driven approaches for fault prognostics of electrical machines using vibration spectrum analysis = Tehisintellektil põhinevad lähenemisviisid elektrimasinate rikete prognoosimiseks vibratsioonispektri analüüsi abil
Kudelina, Karolina 2024 https://www.ester.ee/record=b5685285*est <https://doi.org/10.23658/taltech.28/2024>
<https://digikogu.taltech.ee/et/Item/229f1bbb-6178-414a-9e2e-2c98a30a783c>

Artificial Intelligence in the hierarchical control of ac, dc and hybrid ac/dc microgrids : A review
Gutiérrez-Escalona, J.; Roncero-Clemente, C.; Husev, Oleksandr; Matiushkin, Oleksandr; Blaabjerg, Frede IEEE Access 2024 / p. 157227-157246 <https://doi.org/10.1109/ACCESS.2024.3486382> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An artificial intelligence maturity model for the public sector : a design science approach
Dreyling III, Richard Michael; Lemmik, Juhani; Tammet, Tanel; Pappel, Ingrid TalTech journal of European studies 2024 / p. 217-239 <https://doi.org/10.2478/bjes-2024-0023> https://www.ester.ee/record=b5290032*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

ARTmine : automatic association rule mining with temporal behavior for hardware verification
Heidari Iman, Mohammad Reza; Jervan, Gert; Ghasempouri, Tara 2024 Design, Automation & Test in Europe Conference & Exhibition (DATE) : Valencia, Spain, 25-27 March 2024 : proceedings 2024 / p. 1-6 : ill <https://ieeexplore.ieee.org/document/10546742>

Arvamus. Rahvusooper Estonia juurdeehitus – müüdid ja tegelikkus?
Kuusemets, Jaan err.ee 2024 [Arvamus. Rahvusooper Estonia juurdeehitus – müüdid ja tegelikkus?](#)

Arvamus: lääs saab veel Gruusiale appi tulla
Chochia, Archil err.ee 2024 [Arvamus: lääs saab veel Gruusiale appi tulla](#)

Arvo Valton: püsimajäämiseks vajame ühtsust : intervjuu
Herkel, Andres; Valton, Arvo Arvamus, kultuur : [ajalehe Postimees lisa] 2024 / Lk. 40-41 <https://dea.digar.ee/article/ak/2024/03/09/16.1>

Asekantsler Sandra Särav: olin avaliku sektori spioon erasektoris, mitte vastupidi
Särav, Sandra; Oidsalu, Meelis postimees.ee 2024 [Asekantsler Sandra Särav: olin avaliku sektori spioon erasektoris, mitte vastupidi](#)

Aserbaidžaanist Lätini! TalTechis alustab õpinguid kirju seltskond välistudengeid
digi.geenius.ee 2024 [Aserbaidžaanist Lätini! TalTechis alustab õpinguid kirju seltskond välistudengeid](#)

Asjade interneti levikule töötavad anda hoogu erilised päikesepaneelid
Sibinski, Maciej novaator.err.ee 2024 [Asjade interneti levikule töötavad anda hoogu erilised päikesepaneelid](#)

Assessing age-friendliness of contemporary urban outdoor places in Estonia
Nutt, Nele; Salmistu, Sirle; Kupper, Kristiina; Kotval, Zenia Quality in Ageing and Older Adults 2024 / p. 204-219
<https://doi.org/10.1108/QAOA-05-2024-0033> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Assessing engineering students' attitudes towards corporate social responsibility principles
Saari, Ulla A.; Ojasoo, Merle; Venesaar, Urve; Puhakka, Ilmari; Nokelainen, Petri; Mäkinen, Saku J. European journal of engineering education 2024 / 22 p <https://doi.org/10.1080/03043797.2023.2299731>

Assessing interaction mechanics in extended reality for control engineering applications
Remenyi, Armin; Alsaleh, Saleh; Tepljakov, Aleksei 2024 32nd International Conference on Software, Telecommunications and Computer Networks, SoftCOM 2024 2024 <https://doi.org/10.23919/SoftCOM62040.2024.10721783> [Article at Scopus](#)

Assessing opportunities and barriers to improving the secondary use of health care data at the national level : multicase study in the Kingdom of Saudi Arabia and Estonia
Metsallik, Janek; Draheim, Dirk; Sabic, Zlatan; Novak, Thomas; **Ross, Peeter** Journal of Medical Internet Research 2024 / art. e53369 <https://doi.org/10.2196/53369> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An assessment of Caspian Sea modeled wave climate using ERA5 winds
Männikus, Rain; Giudici, Andrea; Mayemerova, Gülnara; Beisembekova, Meruyert; Rakisheva, Zaure Bayanovna; Soomere, Tarmo Journal of coastal research 2024 / p. 649-653 <https://doi.org/10.2112/JCR-SI113-128.1>

Assessment of data acquisition system for forecasting temperature and solar irradiation
Zahraoui, Younes; Korötko, Tarmo; Mekhilef, Saad; Alhamrouni, Ibrahim 2023 International Conference on Engineering Technology and Technopreneurship (ICE2T) 2024 / p. 408-413 <https://doi.org/10.1109/ICE2T58637.2023.10540516>

Assessment of mixed energy storage system considering high spatial resolution data from a real PV installation

Rogowski, Szymon; Hasan, Sayeed; Chub, Andrii; Sibinski, Maciej 2024 19th Biennial Baltic Electronics Conference (BEC) 2024 / 6 p <https://doi.org/10.1109/BEC61458.2024.10737964> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Assessment of strength and stiffness properties of aged structural timber

Kauniste, Maarja; Just, Alar; Tuhkanen, Eero 5th International Conference Forum Wood Building Baltic : 26-28 February 2024, Tallinn, Estonia : proceedings 2024 / p. 170-171 : ill <https://digikogu.taltech.ee/et/Item/22318c67-e0ef-42f1-88c7-34c9d9677b17>
https://www.ester.ee/record=b5668645*est

Assessment of the eID ecosystem as a part of the state's critical infrastructure : the case of Estonia

Bejussova, Karolina; Lips, Silvia; Ahmed, Rozha Kamal; Draheim, Dirk Electronic Government and the Information Systems Perspective : 13th International Conference, EGOVIS 2024, Naples, Italy, August 26–28, 2024, Proceedings 2024 / p. 88 - 102
https://doi.org/10.1007/978-3-031-68211-7_8 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Assessment of the potential of reconstruction of historic buildings

Liiva, Elina; Rummo, Helena; Ambrozevits, Kateriin; Ojari, Andres; Kalamees, Targo; Lomp, Siim 5th International Conference Forum Wood Building Baltic : 26-28 February 2024, Tallinn, Estonia : proceedings 2024 / p. 208-209
<https://digikogu.taltech.ee/et/Item/22318c67-e0ef-42f1-88c7-34c9d9677b17> https://www.ester.ee/record=b5668645*est

Assessment of the renovation need, material authenticity, and the cultural and environmental value of historic apartment building neighbourhoods

Liiva, Elina; Rummo, Helena; Ambrozevits, Kateriin; Ojari, Andres; Lomp, Siim; Kalamees, Targo Journal of sustainable architecture and civil engineering 2024 / p. 53-67 <https://doi.org/10.5755/j01.sace.35.2.35747>

Assessment of vascular calcification in the context of inhibitors in chronic kidney disease

Adoberg, Annika; Holmar, Jana XVII Baltic Nephrology Conference, Tartu, Estonia, October 3rd-5th, 2024 : Abstracts 2024 / 3 p
<https://balticnephrology2024.eu/abstracts>

Assessment on strength and stiffness properties of aged structural timber

Kauniste, Maarja; Just, Alar; Tuhkanen, Eero; Kalamees, Targo Journal of sustainable architecture and civil engineering 2024 / p. 62-74 <https://doi.org/10.5755/j01.sace.34.1.35534>

Association of BMI, lipid-lowering medication, and age with prevalence of type 2 diabetes in adults with heterozygous familial hypercholesterolaemia: a worldwide cross-sectional study

Elshorbagy, Amany; Lyons, Alexander R.M.; Vallejo-Vaz, Antonio J.; Stevens, Christophe A.T.; Dharmayat, Kanika Inamdar; Brandts, Julia; Catapano, Alberico L.; Freiburger, Tomas; Hovingh, Gerard Kees Cornelis; Viigimaa, Margus The Lancet Diabetes and Endocrinology 2024 / p. 811-823 [https://doi.org/10.1016/S2213-8587\(24\)00221-3](https://doi.org/10.1016/S2213-8587(24)00221-3) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Association of risk factors for progression of nephropathy in type 2 diabetic patients

Demikhova, Nadiia; Chrenatska, Olha; Demikhov, Andrii; Salmistu, Sirle; Merisalu, Eda Atherosclerosis 2024 / art. 117937 ; abstr. P310 <https://doi.org/10.1016/j.atherosclerosis.2024.117937>

Asymmetric cyclopropanation via an electro-organocatalytic cascade

Krech, Anastasiya; Laktsevich-Iskryk, Marharyta; Deil, Nora; Fokin, Mihhail; Kimm, Mariliis; Ošeka, Maksim Chemical communications 2024 / 14026-14029 <https://doi.org/10.1039/D4CC05092D> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Azimuthing propulsion in ice management

Hänninen, Samuli; Kujala, Pentti Jouko Sakari; Määttänen, Pirjo; Heideman, Torsten; Korsström, Andrei; Viheriälehto, Sampo; Koponen, Jorma Proceedings of the International Conference on Offshore Mechanics and Arctic Engineering - OMAE 2024 ; Vol. 6 2024 / art. OMAE2024-127102, V006T07A016 ; 10 pages <https://doi.org/10.1115/OMAE2024-127102>

At the crossroads of product complexity, market demand, and machine learning

Kalvet, Tarmo; Tiits, Marek; Ounoughi, Chahinez; Ben Sassi, Imen; Ben Yahia, Sadok Management & marketing 2024

Atomic structure and dynamics of unusual and wide-gap phase-change chalcogenides : a GeTe₂ case

Usuki, Takeshi; Benmore, Chris J.; Tverjanovich, Andrey; Bereznev, Sergei; Khomenko, Maxim; Sokolov, Anton; Fontanari, Daniele; Ohara, Koji; Bokova, Maria; Kassem, Mohammad; Bychkov, Eugene Physica status solidi - rapid research letters 2024 / art. 2300482
<https://doi.org/10.1002/pssr.202300482> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

ATP7A-dependent copper sequestration contributes to termination of β -CATENIN signaling during early adipogenesis

Yang, Haojun; Kabin, Ekaterina; Dong, Yixuan; Zhang, X.; Ralle, Martina; Lutsenko, Svetlana Molecular metabolism 2024 / art. 101872, 12 p. : ill <https://doi.org/10.1016/j.molmet.2024.101872> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Automata and coalgebras in categories of Species

Loregian, Fosco Coalgebraic Methods in Computer Science : 17th IFIP WG 1.3 International Workshop, CMCS 2024, Colocated with ETAPS 2024, Luxembourg City, Luxembourg, April 6–7, 2024, Proceedings 2024 / p. 65-92 https://doi.org/10.1007/978-3-031-66438-0_4 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Automatic visual traffic sign damage detection and measurement of damaged area

Ersü, Can; Janson, Karl; Petlenkov, Eduard; Reinsalu, Uljana 2024 18th International Conference on Control, Automation, Robotics and Vision (ICARCV) 2024 / p. 505-510 <https://doi.org/10.1109/ICARCV63323.2024.10821546>

Automating public administration : citizens' attitudes towards automated decision-making across Estonia, Sweden, and Germany

Kaun, Anne; Larsson, Anders Olof; Masso, Anu Information, communication & society 2024 / p. 314-332 <https://doi.org/10.1080/1369118X.2023.2205493> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Automation scenarios : citizen attitudes towards automated decision-making in the public sector

Kaun, Anne; Larsson, Anders Olof; Masso, Anu Information, Communication and Society 2024 / 18 p <https://doi.org/10.1080/1369118X.2024.2375261>

Autonomous driving validation and verification using digital twins

Pikner, Heiko; Malayjerdi, Mohsen; Bellone, Mauro; Baykara, Baris Cem; Sell, Raivo Proceedings of the 10th International Conference on Vehicle Technology and Intelligent Transport Systems - VEHITS ; Vol. 1 2024 / p. 204-211 <https://doi.org/10.5220/0012546400003702> [Conference Proceeding at Scopus](#) [Article at Scopus](#)

Autonomous mobile robots for production logistics: a process optimization model modification

Raamets, Tõnis; Majak, Jüri; Karjust, Kristo; Mahmood, Kashif; Hermaste, Aigar Proceedings of the Estonian Academy of Sciences 2024 / p. 134-141 : ill <https://doi.org/10.3176/proc.2024.2.06>

Autospordiklubi

Studioosus 2024 / lk. 18 : fot https://www.ester.ee/record=b1558644*est

Auvere õlitehase ehituse seiskamine on läinud maksma 20 miljonit eurot = Простой на строительстве Аувереского завода масел обошелся в 20 миллионов евро

Gamzejev, Erik pohjarannik.postimees.ee 2024 [Auvere õlitehase ehituse seiskamine on läinud maksma 20 miljonit eurot](#) [Простой на строительстве Аувереского завода масел обошелся в 20 миллионов евро](#)

AVALIK KIRI : Palume, et riik töötaks hiljemalt järgmiseks õppeaastaks välja selged reeglid koolikeskkonnas nutiseadmete kasutamiseks

epl.delfi.ee 2024 [AVALIK KIRI : Palume, et riik töötaks hiljemalt järgmiseks õppeaastaks välja selged reeglid koolikeskkonnas nutiseadmete kasutamiseks](#)

Avalik kiri nutiseadmekasutuse reguleerimiseks koolis

Postimees 2024 / Lk. 14-15 <https://dea.digar.ee/article/postimees/2024/09/27/12.2>

Avarii avarii otsa. Saatejuht Tiina Park ajas inimese ülekäigurajal alla

Vainküla, Kirsti Eesti Ekspress 2024 <https://dea.digar.ee/article/eestiekspress/2024/03/20/23.1>

Avasta Euroopat läbi BESTi

Keldrima, Marie Studioosus 2024 / lk. 28 : fot https://www.ester.ee/record=b1558644*est

Avatud uste päev purustas rekordeid

Mente et Manu 2024 / lk. 56-57 : fot https://www.ester.ee/record=b1242496*est

Balti informaatikaolümpiaadilt tuli Eestisse kaks pronksmedalit

Truu, Ahto Horisont 2024 / lk. 60-61 https://www.ester.ee/record=b1072243*est

Balti riigid lahkuvad Venemaa elektri sagedusruumist

Rajangu, Väino Elektriala 2024 / lk. 12-13 : fot https://www.ester.ee/record=b1240496*est

Baltic Sea biological effects activity cluster: joint regional activities for an improved assessment of chemical pollution in the marine environment

Lehtonen, Kari K.; Gorokhova, Elena; Rowe, Owen; Pazdro, Ksenia; Barda, Ieva; Alurralde, Roque Gastón; Tairova, Zhanna M.; Kolesova, Natalja; Sturve, Joachim; Kuprijanov, Ivan; Stankeviciute, Milda; Strode, Evita; Turja, Raisa SETAC Europe 34th Annual Meeting : "Science-Based Solutions in Times of Crisis : Integrating Science and Policy for Environmental Challenges" : book of abstracts 2024 / abs. 4.08.P-Mo363 <https://setac.confex.com/setac/europe2024/meetingapp.cgi/Paper/23793>

Baltic Sea could be used to heat homes in future

news.err.ee 2024 [Baltic Sea could be used to heat homes in future](#)

Baltic Sea surface temperature analysis 2022: a study of marine heatwaves and overall high seasonal temperatures
Lindenthal, Anja; Hinrichs, Claudia; Jandt-Scheelke, Simon; Kruschke, Tim; **Lagemaa, Priidik**; van der Lee, Eefke M.; **Maljutenko, Ilja**; Morrison, Helen e.; Panteleit, T. R.; **Raudsepp, Urmas** State of the Planet 2024 / 16 p <https://doi.org/10.5194/sp-4-osr8-16-2024>

Baltic Workboatsi tehasejuht Erik Aleksejev: Saaremaa laevaehitaja niipea roboteid rakendama ei hakka
toostusuudised.ee 2024 [Baltic Workboatsi tehasejuht Erik Aleksejev: Saaremaa laevaehitaja niipea roboteid rakendama ei hakka](#)

Baltic-DB&IS-Forum-DC 2024 and Baltic DB&IS Conference Forum and Doctoral Consortium 2024 : Joint Proceedings of Baltic DB&IS Conference Forum and Doctoral Consortium 2024 co-located with 16th International Baltic Conference on Digital Business and Intelligent Systems (Baltic DB&IS 2024), Vilnius, Lithuania, June 30-July 3, 2024
2024 <https://ceur-ws.org/Vol-3698/>

Baltimaade ringmajanduse koostööplatvorm ühendab jõud kestliku tuleviku nimel
keskkonnatehnika.ee 2024 [Baltimaade ringmajanduse koostööplatvorm ühendab jõud kestliku tuleviku nimel](#)

Bandgap dynamics in locally resonant metastructures : a general theory of internal resonator coupling
Alimohammadi, Hossein; Vassiljeva, Kristina; HosseinNia, S. Hassan; **Petlenkov, Eduard** Applied Sciences (Switzerland) 2024 / art. 2447 <https://doi.org/10.3390/app14062447> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bandit-based learning-aided full-duplex/half-duplex mode selection in 6G cooperative relay networks
Nomikos, Nikolaos; **Charalambous, Themistoklis**; Trakadas, Panagiotis; Wichman, Risto IEEE Open Journal of the Communications Society 2024 / p. 1415-1429 : ill <https://doi.org/10.1109/OJCOMS.2024.3370476> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Barrus Võru võrkpalliklubi sammub tõusvas joones: varasemale pronksile lisaks võideti meistriliigas ajalooline hõbemedal!
Annom, Kalev Võrumaa Teataja 2024 / lk. 3 <https://dea.digar.ee/article/vorumaateataja/2024/04/11/6.1>

Basic values in artificial intelligence : comparative factor analysis in Estonia, Germany, and Sweden
Masso, Anu; Kaun, Anne; **Noordt, Colin Pascal van** AI & Society : Knowledge, Culture and Communication 2024 / p. 2775-2790 <https://doi.org/10.1007/s00146-023-01750-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Behavior of fin-plate connection of a composite beam subjected to different fire scenarios
Sakr, Mohamed; Lu, Wei; **Talvik, Ivar**; Puttonen, Jari Rakenteiden mekaniikka = Journal of structural mechanics 2024 / 23 p <https://doi.org/10.23998/rm.137617> [Journal metrics at Scopus](#) [Article at Scopus](#)

The being of science in Al-Farabi's philosophy
Müürsepp, Peeter; Azerbaijan, Aslan; Nuryшева, Gulzhikhan Acta Baltica historiae et philosophiae scientiarum 2024 / p. 135-150 <https://doi.org/10.11590/abhps.2024.2.06>

A benchmark of DC-DC converters for DC fast charging stations of electric vehicles
Mathew, Honey Mol; Arena, Gabriele; **Chub, Andrii**; De Carne, Giovanni; **Vinnikov, Dmitri**; Lukianov, Mykola 2024 9th IEEE Workshop on the Electronic Grid (eGRID) 2024 / 6 p <https://doi.org/10.1109/eGRID62045.2024.10842879>

The beneficial effect of reusable food boxes on the green transition
Tähemaa, Toivo; Sarkans, Martinš; Sarand, Inga; Pohlak, Meelis; Niidas, Alar Modern Materials and Manufacturing 2023 : Tallinn, Estonia, 2–4 May 2023 2024 / art. 030012 <https://doi.org/10.1063/5.0189325> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Benmahmoud, Slimane. Some theoretical results on fractional-order continuous information measures : [review]
Henno, Jaak Zentralblatt MATH 2024 / 1p. <https://zbmath.org/1540.94044>

Best-Estonia
Studioosus 2024 / lk. 19 : fot https://www.est.ee/record=b1558644*est

BEST-Estonia esitleb : Enginaator 2024
Berendsen, Anette Studioosus 2024 / lk. 15 : fot https://www.est.ee/record=b1558644*est

Betooni külmakindluse alternatiivse katsetoodika uurimine
Tammekivi, Jane-Ly Teejuht : maal, vees ja õhus : Transpordiameti digiajakiri 2024 / lk. 82-84 : ill <https://digiajakiri.transpordiamet.ee/view/434325528/82/> <https://digikogu.taltech.ee/et/Item/d60eb4ee-bbf9-4a0a-be47-061778d20513>

Betooni purustamisest robotirallini: vaata, mida ägedat saab seekord teadlaste ööl teha!

digi.geenius.ee 2024 [Betooni purustamisest robotirallini: vaata, mida ägedat saab seekord teadlaste ööl teha!](#)

Betooniühing premeeris parimaid üliõpilastöid

Ehitaja 2024 / lk. 11 : fot https://www.ester.ee/record=b1072123*est

Betooniühingu 2023. aasta üliõpilastööde preemiad

Ehitaja 2024 / lk. 8 : fot https://www.ester.ee/record=b1072123*est

Betooniühingu üliõpilastööde preemiad said Oskar Aru ja Jane-Ly Tammekivi

goodnews.ee 2024 [Betooniühingu üliõpilastööde preemiad said Oskar Aru ja Jane-Ly Tammekivi](#)

Betoontarindite parandamine ja kaitsmine

2024 https://www.ester.ee/record=b5685104*est

The betrayal puzzle : unraveling the connection between inauthenticity, corporate wrongdoing and brand betrayal with avoidance and reparation

Ittefaq, Huma; Akhtar, Naeem; Siddiqi, Umar Iqbal; Islam, Tahir; Kuzior, Aleksandra Journal of retailing and consumer services 2024 / art. 103597 <https://doi.org/10.1016/j.jretconser.2023.103597> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Beullens, Ward; Dobson, Samuel; Katsumata, Shuichi; Lai, Yi-Fu; Pintore, Federico. Group signatures and more from isogenies and lattices: generic, simple, and efficient : [review]

Henno, Jaak Zentralblatt MATH 2024 / 1 p. <https://zbmath.org/1530.94050>

Beyond Fraudulent Hopes Versus Despair : The Potential Of Commons-Based Technological Futures

Kouvvara, Asimina Journal of futures studies 2024 / p. 59-72 : ill [https://doi.org/10.6531/JFS.202412_29\(2\).0005](https://doi.org/10.6531/JFS.202412_29(2).0005) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Beyond green or Tech: cultivating entrepreneurial ecosystems for the twin transition

Rodriguez Santiago, Jaime Joel Scientific Papers of the University of Pardubice, Series D : Faculty of Economics and Administration 2024 / art. 2105 <https://doi.org/10.46585/sp32022105>

Beyond the blind spot : enhancing polyphony through city planning activism using public participation GIS

Harsia, Eveliina; **Nummi, Pilvi** Urban Planning 2024 / art. 7096 <https://doi.org/10.17645/up.7096> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Beyond the surface : exploring fish dynamics with camera based monitoring

Haas, Christian; Engelberger, Leon; Schmalz, Maria; Tuhtan, Jeffrey Andrew Proceedings of the 15th International Symposium on Ecohydraulics and Fish Passage 2024 (ISE-FP) 2024 / 1 p. <https://doi.org/10.13140/rg.2.2.35129.38249>

Bideni suur kaotus teledebatil

Mölder, Holger postimees.ee 2024 [Bideni suur kaotus teledebatil](#)

Bidirectional wide voltage range series-parallel resonant buck-boost DC-DC converter

Blinov, Andrei; Chub, Andrii; Vinnikov, Dmitri 2024 IEEE 21st International Power Electronics and Motion Control Conference (PEMC) 2024 / 5 p <https://doi.org/10.1109/PEMC61721.2024.10726369>

Bifunctional oxygen electrocatalyst based on Fe, Co, and nitrogen co-doped graphene-coated alumina nanofibers for Zn-air battery air electrode

Mooste, Marek; Ahmed, Zubair; Kapitulska, Pavels; **Ivanov, Roman**; Treshchalov, Alexey; Piirsoo, Helle-Mai; Kikas, Arvo; Kisand, Vambola; Kukli, Kaupo; **Hussainova, Irina**; Tammeveski, Kaido Applied Surface Science 2024 / art. 160024 <https://doi.org/10.1016/j.apsusc.2024.160024> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Biochemical profile of type 2 diabetic patients with hypothyroidism

Demikhov, Andrii; **Demikhova, Nadiia**; **Salmistu, Sirle**; Merisalu, Eda Atherosclerosis 2024 / art. 117844 ; abstr. P217 <https://doi.org/10.1016/j.atherosclerosis.2024.117844>

Bioinspired and multifunctional tribological materials for sliding, erosive, machining, and energy-absorbing conditions : A review

Kumar, Rahul, 1993-; Rezapourianghahfarokhi, Mansoureh; Rahmani Ahranjani, Ramin; **Maurya, Himanshu Singh**; **Kamboj, Nikhil Kumar**; **Hussainova, Irina** Biomimetics 2024 / art. 209 <https://doi.org/10.3390/biomimetics9040209> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bio-inspired robotic fish for assessment of injury risks during the fish passage

Abbaszadeh, Shokoofeh; **Toming, Gert**; **Tuhtan, Jeffrey Andrew**; Leidhold, Roberto; Hoerner, Stefan Proceedings of the 15th International Symposium on Ecohydraulics and Fish Passage 2024 (ISE-FP) 2024 / 1 p.

https://www.researchgate.net/publication/381655658_Bio-inspired_robotic_fish_for_assessment_of_injury_risks_during_the_fish_passage

Bioinspired whisker sensor for 3D mapping of underground mining environments

Gomez, Virgilio; **Remmas, Mohamed Walid**; Hernando, Miguel; **Ristolainen, Asko**; Rossi, Claudio Biomimetics 2024 / art. 83
<https://doi.org/10.3390/biomimetics9020083> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Biological effect indicators : influence of environmental parameters and contaminants on Amphipods = Bioloogilise mõju indikaatorid : keskkonnaparametrite ja ohtlike ainete mõju kirpvähihistele

Kolesova, Natalja 2024 <https://doi.org/10.23658/taltech.40/2024> https://www.ester.ee/record=b5694394*est
<https://digikogu.taltech.ee/et/Item/961ea92d-ef14-429c-8e99-e56d652b4a44>

Biomimetics

2024 https://www.mdpi.com/journal/biomimetics/special_issues/0K2292JW30

Biomimicry and novel structures : advancing the design paradigm of bone implants = Biomimikri ja uudsed struktuurid : luuimplantaatide disainiparadigma edendamine

Rezapourianghahfarokhi, Mansoureh 2024 <https://doi.org/10.23658/taltech.9/2024> https://www.ester.ee/record=b5667691*est
<https://digikogu.taltech.ee/et/Item/7c3aec59-9566-41cb-b59d-b896fa72100e>

Biorafineerimine ja tulevik: paneme teadmised suuremat väärtust looma

Reede, Kaupo; Raukas, Madis postimees.ee 2024

Biosignaali töötamise uurimisrühm = Biosignal Processing Research Group

Bachmann, Maie Tervisetehnoloogiad eile, täna, homme : 30 aastat Tervisetehnoloogiate instituuti ning Eesti Biomeditsiinitehnika ja Meditsiini füüsika Ühingu = Health technologies yesterday, today and tomorrow : 30 years of the Department of Health Technologies and the Estonian Society for Biomedical Engineering and Medical Physics 2024 / lk. 37-41, p. 35-39 : ill

Biotehnoloogia ettevõtte ÄIO kaasas 6 miljonit eurot demotehase rajamiseks

Mente et Manu 2024 / lk. 8 : fot https://www.ester.ee/record=b1242496*est

Blockchain applications and cybersecurity threats : A review

Ntshangase, Lindani Handsome; **Bauk, Sanja** 2024 28th International Conference on Information Technology (IT) 2024 / 4 p
<https://doi.org/10.1109/IT61232.2024.10475777>

Blockchain in maritime : pros and cons

Ntshangase, Lindani Handsome; **Bauk, Sanja** XVI međunaroni naučno-stručni skup Informacione Tehnologije za e-Obrazovanje : ITeO : zbornik radova 2024 / p. 36-41 https://iteo.rs.ba/sites/default/files/ITeO_Zbornik%20radova%202024%20%281%29.pdf

Blockchain technology's effects on big data in maritime transportation

Paladin, Zdravko; **Bauk, Sanja**; Mujalovic, Rasim; Kapidani, Nexhat; Lukšić, Žarko 2024 28th International Conference on Information Technology (IT) 2024 / 7 p <https://doi.org/10.1109/IT61232.2024.10475774>

Blockchain-based ontology driven reference framework for security risk management

Iqbal, Mubashar; **Kormiltsyn, Aleksandr**; Dwivedi, Vimal; Matulevičius, Raimundas Data & knowledge engineering 2024 / art. 102257 <https://doi.org/10.1016/j.datak.2023.102257> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Body fat proportion estimation by the segmental bioelectrical impedance analysis of forearm

Metshein, Margus; Tuulik, Varje-Riin; Tuulik, Viiv; **Min, Mart**; Kumm, Monika; **Annus, Paul**; **Märtens, Olev** 2024 IEEE International Instrumentation and Measurement Technology Conference (I2MTC) : proceedings 2024 / 5 p
<https://doi.org/10.1109/I2MTC60896.2024.10560671>

Book Review: The scaffolding is on and Public Administration literature will change : by Edoardo Ongaro and Michele Tantardini. Religion and Public Administration: An Introduction. Edward Elgar, 2023, ISBN 978 1 80088 802 9

Shakya, Shobhit Halduskultuur: The Estonian journal of administrative culture and digital governance 2024 / p. 67-69
https://www.ester.ee/record=b2157203*est <https://doi.org/10.32994/hk.v22i2.336>

Boosting app-based mobile financial services engagement in B2B subsistence marketplaces : The roles of marketing strategy and app design

Ferdous, Ahmed Shahriar; Akareem, Husain Salilul; Viswanathan, Madhu; **Hollebeek, Linda Desiree**; Ringer, Allison Industrial Marketing Management 2024 / p. 147-161 <https://doi.org/10.1016/j.indmarman.2024.04.014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Boosting customers' impulsive buying tendency in live-streaming commerce: The role of customer engagement and deal proneness

Luo, Xi; Cheah, Jun-Hwa; **Hollebeek, Linda Desiree**; Lim, Xin-Jean Journal of retailing and consumer services 2024 / art. 103644, 15 p. : ill <https://doi.org/10.1016/j.jretconser.2023.103644> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at](#)

Bracing urban governance against climate crises : how to integrate high reliability into strategic decisionmaking?

Vihma, Peeter; Hukkinen, Janne I. Environmental policy and governance 2024 / p. 103-113 <https://doi.org/10.1002/eet.2129>

Breaking barriers : empowering women's leadership in global health

Khalid, S. The European Sting 2024 <https://europeansting.com/2024/05/02/breaking-barriers-empowering-womens-leadership-in-global-health/>

Breaking the silence : women's quest for leadership in global health post-COVID-19

Khalid, Sadia The European Sting 2024 <https://europeansting.com/2024/04/22/breaking-the-silence-womens-quest-for-leadership-in-global-health-post-covid-19/>

Bridge to security : exploring unemployment insurance for solo self-employed in Estonia

Vallistu, Johanna European Journal of Social Security 2024 / p. 155–168 <https://doi.org/10.1177/13882627241264969>

Bridging the Gap : Investigating the Need for ESG Training and Required Skills in Today's Workforce. Case of Lithuanian Companies

Kiaupaite-Grušniene, Vaiva; Gurvitš-Suits, Natalie Aleksandra; Kadak, Tarmo International Scientific Conference on European Processes ICEP-2024 : Abstracts Book 2024 / p. 11-12 <https://doi.org/10.5755/e01.2783-7610.2024>

Broken rotor bar fault detection using machine learning: Optimal frequency resolution

Koveshnikov, Semen; Bouharrouti, Nada El; Kudelina, Karolina; Naseer, Muhammad Usman; Vaimann, Toomas; Belahcen, Anouar 2024 International Conference on Electrical Machines (ICEM) 2024 / 6 p <https://doi.org/10.1109/ICEM60801.2024.10700228>

Buddhist governance : navigating today's role of Saṅgha and Dhammarājā, with special reference to Cambodia

San, Pisith Halduskultuur: The Estonian journal of administrative culture and digital governance 2024 / p. 26-49

https://www.ester.ee/record=b2157203*est <https://doi.org/10.32994/hk.v22i2.320>

Buddhist governance and economics : historical and contemporary perspective from Cambodia and beyond = Budistlik valitsemise ja majanduse käsitus : kaasaegsed ja ajaloolised vaated Kambodžast ja kaugemalt

San, Pisith 2024 https://www.ester.ee/record=b5674211*est <https://doi.org/10.23658/taltech.14/2024>

<https://digikogu.taltech.ee/et/Item/c4ce2142-2d52-4cd3-b69c-1d98f2a80b63>

Build-a-Thon Energy ehk Riistvarahäkaton, mis panustab paremasse homsesse

Mossin, Eneli Studioosus 2024 / lk. 26-27 : fot https://www.ester.ee/record=b1558644*est

Building a legislative framework for securing Georgia's strategic assets

Chochia, Archil; Gvineria, Shota; **Mölder, Holger** TalTech journal of European studies 2024 / p. 271-301 : ill

<https://doi.org/10.2478/bjes-2024-0013> https://www.ester.ee/record=b5290032*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Building capacity for evidence-informed policymaking in governance and publicadministration in a post-pandemic Europe : Final integrated country report. Estonia

Koppel, Andres; Selg, Peeter; Randma-Liiv, Tiina; Raju, Marju; Klasche, Benjamin 2024

https://knowledge4policy.ec.europa.eu/sites/default/files/Estonia_Final%20report_Building%20capacity%20for%20EIPM%20in%20governance%20and%20public%20administration.pdf

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>

Building resilience : pillars of workforce agility at organizational and individual levels in SMEs

Reinhold, Karin Small and medium-sized enterprise (SME) resilience : strategies for risk and crisis management 2024 / p. 231-247

https://doi.org/10.1007/978-3-031-50836-3_11

BuildIT 2024

Pulles, Marit Maribel Studioosus 2024 / lk. 13 : fot https://www.ester.ee/record=b1558644*est

BuildIT 2024 kutsub juubelikonverentsile

ehitusuudised.ee 2024 [BuildIT 2024 kutsub juubelikonverentsile](#)

BuildIT fookuses tehnosüsteemid

EhitusEST 2024 / lk. 22 : fot https://www.ester.ee/record=b4442657*est

Business opportunities for a ground effect vehicle - case of Canary Islands

Otsason, Riina; Hilmola, Olli-Pekka; Tapaninen, Ulla; Tovar, Beatriz Transport and Telecommunication 2024 / p. 473 - 482
<https://doi.org/10.2478/ttj-2024-0034> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bussi ja rongiga sõitjaid võib tabada valus hoop
postimees.ee 2024 [Bussi ja rongiga sõitjaid võib tabada valus hoop](#)

BÜ11: Betoontarindite parandamine ja kaitsmine
Vapper, Veikko Ehitaja 2024 / lk. 40-42 : fot https://www.ester.ee/record=b1072123*est

CAC 2.0 : a corrupt and correct logic locking technique resilient to structural analysis attacks
Aksoy, Levent; Yasin, Muhammad; **Pagliarini, Samuel Nascimento** arXiv.org 2024 / 6 p. : ill
<https://doi.org/10.48550/arXiv.2401.07142>

CAC 2.0 : a corrupt and correct logic locking technique resilient to structural analysis attacks
Aksoy, Levent; Yasin, Muhammad; **Pagliarini, Samuel Nascimento** 2024 IEEE 25th Latin American Test Symposium (LATS) : 9-12 April 2024 (2024) 2024 <https://doi.org/10.1109/LATS62223.2024.10534592> [Article at Scopus](#)

Cambrian Deimena Regional Stage sandstones – the oldest and most prospective geothermal reservoir in the Baltic Basin
Šogenova, Alla; Šogenov, Kazbulat; Sliampa, Saulius; Sliapiene, Rasa; Jõelet, Argo; Zajacs, Aleksandrs XI Baltic Stratigraphical Conference : abstracts and field guide 2024 / p. 36 https://www.ester.ee/record=b5696260*est
<https://files.geocollections.info/6ec70b0d-243b-4503-862d-5de364ca95bb.pdf>

Camera-LiDAR fusion based object segmentation in adverse weather conditions for autonomous driving
Gu, Junyi; Bellone, Mauro; Lind, Artjom 2024 19th Biennial Baltic Electronics Conference (BEC) 2024
<https://doi.org/10.1109/BEC61458.2024.10737955> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Can we make teaching great again?
Henno, Jaak; Jaakkola, Hannu; Mäkelä, Jukka 2024 47th ICT and Electronics Convention (MIPRO) : May 20-24, 2024, Opatija, Croatia : proceedings 2024 / p. 566 - 570 <https://doi.org/10.1109/MIPRO60963.2024.10569792> [Article at Scopus](#)

Carbon emissions of construction operations in a cold climate
Pikas, Ergo; Lõhmus, Rauno; **Koskela, Lauri Jaakko;** Tetik, Müge; **Vendel, Kādi-Riin** Proceedings of the 32nd Annual Conference of the International Group for Lean Construction (IGLC 32) 2024 / p. 1063-1073 <https://doi.org/10.24928/2024/0228>

A case study of optimising energy storage dispatch : convex optimisation approach with degradation considerations
Vaicys, Jonas; Gudžius, Saulius; Jonaitis, Audrius; Rackiene, Roma; **Blinov, Andrei;** Pefitsis, Dimosthenis Journal of energy storage 2024 / art. 112941 <https://doi.org/10.1016/j.est.2024.112941>

Case study of outdoor digital screens effect on drivers
Parker, Martin; Rosin, Argo; Antov, Dago; Varjas, Toivo; Möller, Taavi; Gorislavskaja, Inna 2024 IEEE 65th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2024 / 7 p
<https://doi.org/10.1109/RTUCON62997.2024.10830768>

A case study of printed circuit boards recycling by disintegrator technology
Klauson, Artur; Goljandin, Dmitri; Kulu, Priit; Antonov, Maksim; Gustafsson, Göran; Davoodi, Ali Modern materials and manufacturing 2023 : Tallinn, Estonia, 2-4 May 2023 2024 / art. 040014 <https://doi.org/10.1063/5.0189208> [Conference proceedings at Scopus](#) [Article at Scopus](#)

A case study of transverse jets in coastal upwellings from a Lagrangian transport perspective
Delpeche-Ellmann, Nicole Camille; Soomere, Tarmo 55th International Liège Colloquium on Ocean Dynamics: Ocean Extremes: Liège, Belgium, 27-31 May 2024 2024 / 1 poster <https://gher-uliege.github.io/liege-colloquium-2024/>

A case study on data protection for a cloud- and AI-based homecare medical device
Bende, Philipp; **Vovk, Olga;** Caraveo, David; Pechmann, Ludwig; Leucker, Martin Transactions on Petri Nets and Other Models of Concurrency XVII 2024 / p. 138 - 161 https://doi.org/10.1007/978-3-662-68191-6_6 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

A case study on microlitter and chemical contaminants: Assessing biological effects in the southern coast of the Gulf of Finland (Baltic sea) using the mussel Mytilus trossulus as a bioindicator
Kuprijanov, Ivan; Buhhalko, Natalja; Eriksson, Ulrika; Sjöberg, Viktor; Rotander, Anna; **Kolesova, Natalja; Lipp, Maarja; Buschmann, Fred;** Hashmi, Arslan; **Liblik, Taavi;** Lehtonen, Kari K. Marine environmental research 2024 / art. 106628
<https://doi.org/10.1016/j.marenvres.2024.106628> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Caspar van den Berg: ülikoolide kohast ühiskonnas ja poliitikas
Berg, Caspar van den Trialoog 2024 <https://trialoog.taltech.ee/caspar-van-den-berg-ulikoolide-kohast-uhiskonnas-ja-poliitikas/> [Caspar van](#)

CCD IK implementatsioon in unity for finding the angles of industrial robots' links

Nutonen, Karle; Kuts, Vladimir; Otto, Tauno ASME International Mechanical Engineering Congress and Exposition, Proceedings (IMECE) ; vol. 2 2024 / art. IMECE2024-142320, V002T03A072 ; 5 p. <https://doi.org/10.1115/IMECE2024-142320>

Central Baltic Sea Circulation Experiment – first results

Liblik, Taavi; Rak, Daniel; Siht, Enriko; Väli, Germa; Karstensen, Johannes; Tuomi, Laura; Biddle, Louise; **Lilover, Madis-Jaak**; Skudra, Maris; **Lips, Urmas** New challenges for Baltic Sea Earth System research : conference proceedings 2024 / p. 145-146 https://baltic.earth/imperia/md/assets/baltic_earth/baltic_earth/5bec_proceedings.pdf

CGI Eesti kosmose ärisuuna juhi Sille Kraami soovitus noortele : tehke suure kirega seda, millesse usute

Kraam, Sille forte.delfi.ee 2024 [GI Eesti kosmose ärisuuna juhi Sille Kraami soovitus noortele: tehke suure kirega seda, millesse usute](#)

Challenges of generative AI chatbots in public services - an integrative review

Dreyling III, Richard Michael; Koppel, Tarmo; Tammet, Tanel; Pappel, Ingrid SSRN 2024 / 11 p <http://dx.doi.org/10.2139/ssrn.4850714>

Challenges, benefits, and open questions in data-driven commercial building cooling optimization

Sukhanov, Ivan; Volkova, Anna; Köse, Ahmet; Hani, Allan; **Petlenkov, Eduard** E3S Web of Conferences : BuildSim Nordic 2024 2024 / art. 06003 <https://doi.org/10.1051/e3sconf/202456206003>

Channel maintenance planning in Estonia

Utso, Maarius; Zaitseva-Pärmaste, Inga; Parnell, Kevin Ellis Journal of coastal research 2024 / p. 95–99 <https://doi.org/10.2112/JCR-SI113-019.1>

Chaos control in multi-agent hierarchical teamwork

Källo, Rommi; Eerme, Martin; Reedik, Vello Socio-technical synergetics 2024 / p. 125-159 : ill https://www.ester.ee/record=b5651350*est

Characterization and changes in the thermal behavior of the phosphorite sample from Toolse deposit (Estonia) along the drill-core

Kaljuvee, Tiit; Tõnsuaadu, Kaia; Kallaste, Toivo; Graul, Sophie; Hints, Rutt; Kivimäe, Eliise-Koidula; Petkova, Vilma; **Trikkel, Andres** Journal of thermal analysis and calorimetry 2024 / p. 12651 - 12664 <https://doi.org/10.1007/s10973-024-13655-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Characterization of bacterial dye-decolorizing peroxidases = Bakteriaalsete värvi pleegitavate peroksüdaaside iseloomustamine

Pupart, Hegne 2024 https://www.ester.ee/record=b5713840*est <https://digikogu.taltech.ee/et/Item/d40055e9-2600-4e49-8aec-3f561267772e> <https://doi.org/10.23658/taltech.72/2024>

Characterization of high-frequency impedance-based models for transient terminal overvoltage estimation in cable-fed motor drive systems

Sardar, Muhammad Usman; Vaimann, Toomas; Kütt, Lauri; Asad, Bilal; Kallaste, Ants; Kudelina, Karolina 2024 International Conference on Electrical Machines (ICEM) 2024 / 7 p <https://doi.org/10.1109/ICEM60801.2024.10700495>

ChatGPT for founding teams : an entrepreneurial pedagogical innovation

Hammoda, Basel Osama Sayed Ahmed International journal of technology in education 2024 / p. 154-173 <https://doi.org/10.46328/ijte.530>

Children's Right to Healthy Food and the Digital Market

Joamets, Kristi TalTech journal of European studies 2024 / p. 240-253 <https://doi.org/10.2478/bjes-2024-0024> https://www.ester.ee/record=b5290032*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Chironomidae-based inference model for mean July air temperature reconstructions in the eastern Baltic area

Bakumenko, Varvara; Poska, Anneli; Plociennik, Mateusz; Gasteviciene, Neringa; Kotrys, Bartosz; Luoto, Tomi P.; Belle, Simon; **Veski, Siim** Boreas 2024 / p. 401 - 414 <https://doi.org/10.1111/bor.12655> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Chloromethylation of lignin as a route to functional material with catalytic properties in cross-coupling and click reactions

Mohan, Mahendra Kothottil; Silenko, Oleg; Krasnou, Illia; Volobujeva, Olga; Kulp, Maria; Ošeka, Maksim; Lukk, Tiit; Karpichev, Yevgen ChemSusChem 2024 / art. e202301588 <https://doi.org/10.1002/cssc.202301588> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Christmas in Estonia

Nuka, Luisa Studioosus 2024 / p. 50-54 : phot https://www.ester.ee/record=b1558644*est

Circular economy business model challenges in entrepreneurial realities

Vyas, Radha; **Hammoda, Basel Osama Sayed Ahmed** Contemporary entrepreneurship : global perspectives and cases 2024 / p. 110-118 <https://doi.org/10.4324/9781003371403-15> https://www.ester.ee/record=b5670538*est

Circular renovation of an apartment building with prefabricated additional insulation elements to nearly zero energy building

Nigumann, Eero; **Kalamees, Targo; Kuusk, Kalle; Pihelo, Peep** Journal of sustainable architecture and civil engineering 2024 / p. 22-34 <https://doi.org/10.5755/j01.sace.34.1.35674>

Circular renovation of an apartment building with prefabricated insulation elements

Nigumann, Eero; **Kalamees, Targo; Kuusk, Kalle; Pihelo, Peep** 5th International Conference Forum Wood Building Baltic : 26-28 February 2024, Tallinn, Estonia : proceedings 2024 / p. 96-97 : ill <https://digikogu.taltech.ee/et/Item/22318c67-e0ef-42f1-88c7-34c9d9677b17> https://www.ester.ee/record=b5668645*est

Circumventing Solidification Cracking Susceptibility in Al-Cu Alloys Prepared by Laser Powder Bed Fusion

Xi, Lixia; Lu, Qiuyang; Gu, Dongdong; Cao, Shaoting; Zhang, Han; Kaban, Ivan; Sarac, Baran; **Prashanth, Konda Gokuldoss**; Eckert, Jürgen 3D Printing and Additive Manufacturing 2024 / p. E731 - E742 <https://doi.org/10.1089/3dp.2022.0207> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Citizens' perspectives on platformisation of police work: a scenario and story-based exploration in Estonia and Sweden

Masso, Anu; Kasapoglu, Tayfun; Kaun, Anne; Galis, Vasilis Information, Communication and Society 2024 / 19 p <https://doi.org/10.1080/1369118X.2024.2333842>

CITYAM empowers responsible urban air mobility : deliverable of activity 1.5 - setting up the evaluation framework

Müür, Jaanus 2024 <https://interreg-baltic.eu/wp-content/uploads/2024/02/D1.5-Setting-up-the-evaluation-framework-final.pdf>

Class topper optimization approach to solve non-convex combined heat and power economic dispatch problems in power systems

Gupta, Pradeep Kumar; Tuttlberg, Kaur; Kilter, Jako 2024 IEEE International Conference on Power and Energy (PECon) 2024 / p. 179-184 <https://doi.org/10.1109/PECon62060.2024.10827527>

CLFT : camera-LiDAR fusion transformer for semantic segmentation in autonomous driving

Gu, Junyi; Bellone, Mauro; Pivonka, Tomas; **Sell, Raivo** IEEE Transactions on Intelligent Vehicles 2024 / 12 p <https://doi.org/10.1109/TIV.2024.3454971> [Journal metrics at Scopus](#) [Article at Scopus](#)

CLFT : camera-LiDAR fusion transformer for semantic segmentation in autonomous driving : preprint

Gu, Junyi; Bellone, Mauro; Pivonka, Tomas; Sell, Raivo arXiv.org 2024 / 12 p. : ill <https://doi.org/10.48550/arXiv.2404.17793>

Climate change and coastal processes in the Baltic Sea

Soomere, Tarmo Oxford Research Encyclopedia of Climate Science Oxford 2024 <https://doi.org/10.1093/acrefore/9780190228620.013.897>

Climate change driven alongshore variations of directional forcing of sediment transport on the eastern Baltic Sea coast

Eelsalu, Maris; Soomere, Tarmo; Jankowski, Mikolaj Zbigniew Journal of coastal research 2024 / p. 256-260 <https://doi.org/10.2112/JCR-SI13-051.1>

Climate change is rapidly deteriorating the climatic signal in Svalbard glaciers

Spolaor, Andrea; Scoto, Federico; Larose, Catherine; Barbaro, Elena; Burgay, Francois; Bjorkman, Mats P.; Cappelletti, David; Dallo, Federico; de Blasi, Fabrizio; Divine, Dmitry V.; Dreossi, Giuliano; Gabrieli, Jacopo; Isaksson, Elisabeth; Kohler, Jack; **Martma, Tõnu**; Schmidt, Louise S.; Schuler, Thomas V.; Stenni, Barbara; Turetta, Clara; Luks, Bartłomiej; Casado, Mathieu; Gallet, Jean-Charles The cryosphere 2024 / p. 307-320 : ill <https://doi.org/10.5194/tc-18-307-2024> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Climate effects on belowground tea litter decomposition depend on ecosystem and organic matter types in global wetlands

Trevathan-Tackett, Stacey M.; Kepfer-Rojas, Sebastian; Malerba, Martino; Macreadie, Peter I.; Djukic, Ika; Zhao, Junbin; Young, Erica B.; York, Paul H.; **Stivriņš, Normunds** Environmental Science and Technology 2024 / p. 21589 - 21603 <https://doi.org/10.1021/acs.est.4c02116> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Climate-neutral Provision of Peak Heat Loads

Moser, Simon; **Volkova, Anna** Euroheat and Power (English Edition) 2024 / p. 23-26 <https://prod.euroheat.org/dhc/knowledge-hub/climate-neutral-provision-of-peak-heat-loads> [Journal metrics at Scopus](#) [Article at Scopus](#)

Closed-loop droplet size control in microfluidics = Suletud ahelaga tilkade suuruse juhtimine mikrofluidikas

Gyimah, Nafisat 2024 <https://digikogu.taltech.ee/et/Item/c4a0c9de-83e5-41ff-bdcf-24ba61182d1f> https://www.ester.ee/record=b5698980*est <https://doi.org/10.23658/taltech.47/2024>

The CMS fast beam condition monitor for HL-LHC

Auzinger, G.; Bakhshiansohi, H.; Dabrowski, A.; Delannoy, A.G.; Dierlamm, A.; Dragicevic, M.; Gholami, A.; Gomez, G.; Jenihhin, Maksim; **Shibin, Konstantin** Journal of instrumentation 2024 / art. C03048, 10 p. : ill <https://doi.org/10.1088/1748-0221/19/03/C03048>
[Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

CO2 jalajälje andmebaasil on veel arenguruumi

Vilk, Urve Ehitaja 2024 / lk. 32-34 : fot https://www.ester.ee/record=b1072123*est https://artiklid.elnet.ee/record=b2909894*est

CO2 transformed into highly active catalysts for the oxygen reduction reaction via low-temperature molten salt electrolysis

Rommel, Anna-Liis; Ratso, Sander; Liivand, Kerli; **Danilson, Mati**; Kaare, Kätlin; **Mikli, Valdek**; Kruusenberg, Ivar Electrochemistry Communications 2024 / art. 107781 <https://doi.org/10.1016/j.elecom.2024.107781> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Coastal management options in the Baltic Sea, with particular reference to coastal infrastructure

Parnell, Kevin Ellis 2nd International Baltic Earth Workshop on Multiple Drivers of Earth system changes in the Baltic Sea region, Helsinki, 4-5 December 2024 : Abstracts 2024 / p. 18
https://baltic.earth/imperia/md/assets/baltic_earth/baltic_earth/2nd_be_workshop_md_2024_helsinki_booklet.pdf

Coastal processes and erosion with and without swell waves and tides in marginal seas

Parnell, Kevin Ellis; Soomere, Tarmo New challenges for Baltic Sea Earth System research : conference proceedings 2024 / p. 163-164 https://baltic.earth/imperia/md/assets/baltic_earth/baltic_earth/baltic_earth/5bec_proceedings.pdf

Coastal vulnerability of the eastern Baltic Sea with respect to extreme minima of sea level

Viigand, Katri; Eelsalu, Maris; Soomere, Tarmo New challenges for Baltic Sea Earth System research : conference proceedings 2024 / p. 78-79 https://baltic.earth/imperia/md/assets/baltic_earth/baltic_earth/baltic_earth/5bec_proceedings.pdf

Co-design of a wireless networked control system for reliability and resource-efficiency

Ashraf, Kanwal; Le Moullec, Yannick; Pardy, Tamas; Rang, Toomas 2024 19th Biennial Baltic Electronics Conference (BEC) 2024 / 7 p <https://doi.org/10.1109/BEC61458.2024.10737965> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Co-design of wireless networked control systems : a reliable and resource-efficient approach

Ashraf, Kanwal; Le Moullec, Yannick; Pardy, Tamas; Rang, Toomas techrxiv.org 2024 / 9 p. : ill <https://www.techrxiv.org/users/693853/articles/683291-co-design-of-wireless-networked-control-systems-a-reliable-and-resource-efficient-approach>

Co-design of wireless networked control systems : model-based architecture and joint optimization = Juhtmevabade võrgustatud juhtimissüsteemide koosdisain : mudelipõhine arhitektuur ja ühisoptimeerimine

Ashraf, Kanwal 2024 https://www.ester.ee/record=b5685529*est <https://doi.org/10.23658/taltech.30/2024>
<https://digikogu.taltech.ee/et/Item/b8d1b3cd-0149-442a-8044-ba7d1106c081>

Coefficients in Taylor's law increase with the time scale of water clarity measurements in a global suite of lakes

Glines, Max R.; Amancio, Renata C.H.; Andersen, Mikkel René; Baulch, Helen; Brighenti, Ludmila Silva; Chmiel, Hannah Elisa; Cohen, Joel E.; de Eyto, Elvira; Erina, Oxana; Feuchtmayr, Heidrun; Flaim, Giovanna; **Giudici, Andrea** Ecology Letters 2024 / art. e14451 <https://doi.org/10.1111/ele.14451> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Co-gasification of biomass and oil shale under CO2 atmosphere : comparative analysis of fixed-bed reactor, gas chromatography and thermogravimetric analysis coupled with mass spectroscopy (TGA-MS)

Sinialu, Mari; Järvik, Oliver; Mets, Birgit; Konist, Alar Bioresource technology 2024 / art. 130086
<https://doi.org/10.1016/j.biortech.2023.130086> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

CogniFlow: integrated modular system for automated droplet microfluidic bioanalysis

Jõemaa, Rauno; Afrin, Fariha; Gyimah, Nafisat; Ashraf, Kanwal; Pärnamets, Kaiser; Giese, Lucas; Rocancourt, Mathieu; Pardy, Tamas EUROSENSORS XXXVI : abstract book 2024 / PT6.188, p. 453-454 <https://doi.org/10.5162/EUROSENSORSXXXVI/PT6.188>

Coherence via focusing for symmetric skew monoidal and symmetric skew closed categories

Veltri, Niccolo Journal of logic and computation 2024 / art. exae059, 26 p <https://doi.org/10.1093/logcom/exae059>

Coherent enterprise information modeling for 5G private network feasibility

Jairus, Tanel; Pilvik, Riivo; Kõrbe Kaare, Kati; Sadam, Arvi; Kuhl, Kristjan Proceedings of the Estonian Academy of Sciences 2024 / p. 100-107 <https://doi.org/10.3176/proc.2024.2.01>

Coherent enterprise information modelling for 5G private network feasibility

Jairus, Tanel; Pilvik, Riivo; Kõrbe Kaare, Kati; Sadam, Arvi; Kuhl, Kristjan Modern materials and manufacturing 2023 : Tallinn, Estonia, 2-4 May 2023 2024 / art. 020012 <https://doi.org/10.1063/5.0196899> [Conference proceedings at Scopus](#) [Article at Scopus](#)

The collaboration dilemma in smart city projects : time to ask the right questions

Thabit Gonzalez, Sara; Mora, Luca Organization 2024 <https://doi.org/10.1177/13505084231183949> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The combined impact of eutrophication, climate warming and marine structures on the water properties in the Baltic Sea

Liblik, Taavi 2nd International Baltic Earth Workshop on Multiple Drivers of Earth system changes in the Baltic Sea region, Helsinki, 4-5 December 2024 : Abstracts 2024 / p. 25
https://baltic.earth/imperia/md/assets/baltic_earth/baltic_earth/2nd_be_workshop_md_2024_helsinki_booklet.pdf

Combustion behavior of solid waste fuels in the vertical tube reactor under different oxy-fuel environments

Mukhambet, Yerkebulan; Ybray, Sultan; Shah, Dhawal; Konist, Alar; Sarbassov, Yerbol Process Safety and Environmental Protection 2024 / p. 760-768 <https://doi.org/10.1016/j.psep.2024.10.062> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Commercialisation of intellectual property : a comparative analysis of Georgia and Estonia

Tkeshelashvili, Ketevan; Dutt, Pawan Kumar; Gurgenidze, Miranda TalTech journal of European studies 2024 / p. 22-52
<https://doi.org/10.2478/bjes-2024-0002> https://www.ester.ee/record=b5290032*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Commissioning the design and construction of prefabricated renovation

Jürgenson, Alari; Pihelo, Peep 5th International Conference Forum Wood Building Baltic : 26-28 February 2024, Tallinn, Estonia : proceedings 2024 / p. 102-109 : ill <https://digikogu.taltech.ee/et/Item/22318c67-e0ef-42f1-88c7-34c9d9677b17>
https://www.ester.ee/record=b5668645*est

Common-ground energy router structure with enhanced reliability and protection = Ühise nulljuhtmega suurendatud töökindluse ja kaitsega energiaruuter

Rahimpour, Saeed 2024 <https://doi.org/10.23658/taltech.45/2024> https://www.ester.ee/record=b5694226*est
<https://digikogu.taltech.ee/et/Item/520b18fc-f0a8-4a08-ade8-d3b890d253ff>

Community battery sizing for distribution level RES hosting capacity improvement

Peterson, Kristjan; Shabbir, Noman; Astapov, Victor; Kütt, Lauri; Kamran, Daniel 2024 IEEE 65th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2024 / 5 p
<https://doi.org/10.1109/RTUCON62997.2024.10830871>

Comparative Analysis of Clinical Terminology Servers : A Quest for an Improved Solution

Ivanova, Marina; Bossenko, Igor; Piho, Gunnar; Ross, Peeter Digital Economy. Emerging Technologies and Business Innovation. ICDEc 2024 : proceedings 2024 / p. 107–118 https://doi.org/10.1007/978-3-031-76368-7_8

Comparative analysis of content and composition of essential oils of Thymus vulgaris L. from different regions of Europe

Raal, Ain; Gontova, Tetiana; Palmeos, Maie; Orav, Anne; Sayakova, Galiya; Koshovyi, Oleh Proceedings of the Estonian Academy of Sciences 2024 / p. 332-344 <https://doi.org/10.3176/proc.2024.4.02>

A comparative analysis of Fuzzy AHP and Fuzzy VIKOR methods for prioritization of the risk criteria of an autonomous vehicle system

Mehrpour, Marmar; Majak, Jüri; Karjust, Kristo Proceedings of the Estonian Academy of Sciences 2024 / p. 116-123
<https://doi.org/10.3176/proc.2024.2.04>

Comparative analysis of machine learning techniques for non-intrusive load monitoring

Shabbir, Noman; Vassiljeva, Kristina; Hokmabad, Hossein Nourollahi; Husev, Oleksandr; Petlenkov, Eduard; Belikov, Juri Electronics 2024 / art. 1420 <https://doi.org/10.3390/electronics13081420> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparative analysis of microplastics detection methods applied to marine sediments: A case study in the Bay of Marseille

Gerigny, Olivia; Blanco, Gustavo; Lips, Urmas; Buhhalko, Natalja; Chouteau, Leelou; Georges, Elise; Meyers, Nelle; Vanavermaete, David; Galgani, François; Ourgaud, Melanie; Papillon, Laure; Sempéré, Richard; De Witte, Bavo Marine pollution bulletin 2024 / art. 116787 <https://doi.org/10.1016/j.marpolbul.2024.116787> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparative analysis of telepresence robots' video performance : evaluating camera capabilities for remote teaching and learning

Talisainen, Aleksei; Leoste, Janika; Virkus, Sirje Applied Sciences (Switzerland) 2024 / art. 233 <https://doi.org/10.3390/app14010233> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparative assessment of simple and detailed energy performance models for urban energy modelling based on digital twin and statistical typology database for the renovation of existing building stock

Hallik, Jaanus; Arumägi, Endrik; Pikas, Ergo; Kalamees, Targo Energy and buildings 2024 / art. 114775

<https://doi.org/10.1016/j.enbuild.2024.114775>

Comparative evaluation of a DAB converter and SRC for DC buildings application

Carvalho da Silva, Edivan Laercio; Chub, Andrii; Blinov, Andrei; Banavath, Satish Naik; **Vinnikov, Dmitri** 2024 IEEE 21st International Power Electronics and Motion Control Conference (PEMC) 2024 / 6 p <https://doi.org/10.1109/PEMC61721.2024.10726346>

Comparative evaluation of dual-purpose converters suitable for application in dc and ac grids

Husev, Oleksandr; Matiushkin, Oleksandr; Jalakas, Tanel; Vinnikov, Dmitri; Vosoughi Kurdkandi, Naser IEEE journal of emerging and selected topics in power electronics 2024 / p. 1337-1347 <https://doi.org/10.1109/JESTPE.2023.3243857>

Comparative feasibility study of partial power converter for interfacing battery energy storage into power system of future circular collider

Chub, Andrii; Niinemägi, Joosep; Colmenero, Manuel; Aguglia, Davide Proceedings of the Estonian Academy of Sciences 2024 / p. 396-415 <https://doi.org/10.3176/proc.2024.4.08>

Comparative study of microstructure and mechanical properties of Mg/B4C composites: Influence of sintering method and temperature

Ghasali, Ehsan; **Kariminejad, Arash;** Raza, Saleem; Orooji, Yasin; Paimard, Giti; Babenko, Andrii; Jie, Li; Ebadzadeh, Touradj Materials chemistry and physics 2024 / art. 129876 <https://doi.org/10.1016/j.matchemphys.2024.129876> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparative study of possible implementations of the flexible power electronic interface for wide-range high step-up applications in DC microgrid

Khan, Salman; Chub, Andrii; Vinnikov, Dmitri; Kasper, Matthias; Deboy, Gerald 2024 IEEE 18th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2024 / 6 p <https://doi.org/10.1109/CPE-POWERENG60842.2024.10604370>

Comparative study on building permit processes in Europe

Fauth, Judith; Deac-Kaiser, Stefanie-Brigitte; Nørkjær Gade, Peter; Raj, Kavita; Goul Pedersen, Jonas; Olsson, Per-Ola; Mastrolembro Ventura, Silvia; Granja, Jose; Nisbet, Nicholas; Hirvensalo, Antero; **Raitviir, Christopher-Robin** 2024 <https://doi.org/10.5281/zenodo.14178511>

Comparing security levels of postal and Internet voting

Vakarjuk, Jelizaveta; **Snetkov, Nikita; Willemson, Jan** Information Security Journal 2024 <https://doi.org/10.1080/19393555.2024.2410332> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparing two wavelet approaches for solving fractional differential equations

Majak, Jüri; Kivistik, Lenart; Eerme, Martin; Tungal, Ernst International Conference of Numerical Analysis and Applied Mathematics : ICNAAM2022 : Heraklion, Freece, 19-25 September 2022 2024 / art. 230004 <https://doi.org/10.1063/5.0210415> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Comparison and evaluation of learning capabilities of deep learning methods for predicting ship motions

Zhang, Mingyang; Liu, Con; **Kujala, Pentti Jouko Sakari;** Hirdaris, Spyros Proceedings of 15th International Marine Design Conference (IMDC-2024) 2024 / p. 1499-1510 <https://doi.org/10.59490/imdc.2024.838>

Comparison of 3D model generation using Structure-from-Motion by open-source software and validation with LIDAR for revealing changes in eroding coastal cliffs

Zaitseva-Pärnaste, Inga; Herrmann, Heiko Journal of coastal research 2024 / p. 1054-1058 <https://doi.org/10.2112/JCR-SI113-206.1>

Comparison of Bayesian and particle swarm algorithms for hyperparameter optimisation in machine learning applications in high energy physics

Tani, Laurits; Veelken, Christian Computer physics communications 2024 / p. 108955 <https://doi.org/10.1016/j.cpc.2023.108955>

Comparison of Bayesian and particle swarm algorithms for hyperparameter optimisation in machine learning applications in high energy physics : [preprint]

Tani, Laurits; Veelken, Christian arXiv.org 2024 / 8 p. : ill <https://doi.org/10.48550/arXiv.2201.06809>

Comparison of chromogenic STA-R Evolution and CS-2500 assays for Apixaban, Rivaroxaban and Dabigatran

Pikta, Marika; Örd, Lenna; Lind, Ellind; Reitsnik, Tarmo; Banys, Valdas Eesti laborimeditsiin : Eesti Laborimeditsiini Ühingu ja Eesti Bioanalüütikute Ühingu ajakiri 2024 / lk. 70-71 : ill https://www.eester.ee/record=b4560018*est

Comparison of near-body flow fields of a gudgeon and NACA013 profile

Khan, Ali Hassan; Toming, Gert; Hoerner, Stefan; **Tuhtan, Jeffrey A.** GeoPlanet: Earth and Planetary Sciences 2024 / p. 231 - 242 https://doi.org/10.1007/978-3-031-56093-4_18 [Article Collection metrics at Scopus](#) [Article at Scopus](#)

Comparison of one- two- and three-dimensional CNN models for drawing-test-based diagnostics of the Parkinson's

disease

Wang, Xuechao; Huang, Junqing; Chatzakou, Marianna; **Nömm, Sven; Valla, Elli**; Medijainen, Kadri; Taba, Pille; Toomela, Aaro; Ruzhansky, Michael Biomedical signal processing and control 2024 / art. 105436, 8 p <https://doi.org/10.1016/j.bspc.2023.105436> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A comparison of plant macrofossil-based quantitative climate reconstruction methods : a case study of the lateglacial Baltic States

Trasune, Liva; Välranta, Minna; **Stivrinš, Normunds**; Amon, Leeli; Schenk, Frederik; Salonen, J. Sakari Quaternary Science Reviews 2024 / art. 108811 <https://doi.org/10.1016/j.quascirev.2024.108811> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparison of protein-bound uremic toxins indoxyl sulfate and indole acetic acid reduction ratios in blood and spent dialysate during haemodialysis with different modalities

Leis, Liisi; Adoberg, Annika; Paats, Joosep; Tanner, Risto; Fridolin, Ivo XVII Baltic Nephrology Conference, Tartu, Estonia, October 3rd-5th, 2024 : Abstracts 2024 / 1 p <https://balticnephrology2024.eu/abstracts>

Compartmentalization in cardiomyocytes modulates creatine kinase and adenylate kinase activities

Birkedal, Rikke; Branovets, Jelena; Vendelin, Marko FEBS letters 2024 / p. 2623-2640 <https://doi.org/10.1002/1873-3468.14994> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Compartmentalization in cardiomyocytes modulates kinase activities

Birkedal, Rikke; Branovets, Jelena; Jaska, Lucia; Shikha, Divya; Bernasconi, Romain; Vendelin, Marko FEBS Open Bio 2024 / p. 34 <https://doi.org/10.1002/2211-5463.13836>

Competencies required for the offensive cyber operations planners

Arik, Marko; Lugo, Ricardo Gregorio; Ottis, Rain; Venables, Adrian Nicholas HCI for Cybersecurity, Privacy and Trust : 6th International Conference, HCI-CPT 2024, Held as Part of the 26th HCI International Conference, HCII 2024 Washington, DC, USA, June 29 – July 4, 2024 : Proceedings, Part II 2024 / p. 20-39 https://doi.org/10.1007/978-3-031-61382-1_2 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

A competitive framework for the participation of multi-microgrids in the community energy trading market: A case study

Zahraoui, Younes; Korötko, Tarmo; Rosin, Argo; Zidane, Tekai Eddine Khalil; Agabus, Hannes; Mekhilef, Saad IEEE Access 2024 / p. 68232-68248 <https://doi.org/10.1109/ACCESS.2024.3399168> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Complexity of human ovarian folliculogenesis : molecular markers of ovarian-based infertility and the impact of endocrine-disrupting chemicals = Inimese munasarja follikulogeneesi keerukus : munasarjapõhise viljatuse molekulaarsed markerid ja endokriinsüsteemi mõjutavate kemikaalide toime

Rosenberg, Kristine 2024 <https://digikogu.taltech.ee/et/Item/b5bf60bf-a458-4fee-a796-a61f00a243c9>
https://www.ester.ee/record=b5700249*est <https://doi.org/10.23658/taltech.52/2024>

Comprehensive comparison of grid-connected flyback-based microinverter with primary and secondary side decoupling approach

Afshari, Hossein; Husev, Oleksandr; Matiushkin, Oleksandr; Pourjafar, Saeed; Kurdkandi, Naser Vosoughi; **Vinnikov, Dmitri** IEEE transactions on industry applications 2024 / p. 9080-9089 <https://doi.org/10.1109/TIA.2024.3452069>

Comprehensive comparison of isolated high step-up dc-dc converters for low power application

Pourjafar, Saeed; Afshari, Hossein; Mohseni, Parham; Husev, Oleksandr; Matiushkin, Oleksandr; Shabbir, Noman IEEE open journal of power electronics 2024 / p. 1149–1161 <https://doi.org/10.1109/OJPEL.2024.3433554>

A comprehensive market mechanism for decentralized P2P energy trading platform

Zahraoui, Younes; Korötko, Tarmo; Agabus, Hannes; Rosin, Argo 2024 IEEE 22nd Mediterranean Electrotechnical Conference (MELECON) 2024 / p. 972-977 <https://doi.org/10.1109/MELECON56669.2024.10608740>

A comprehensive review of carbon capture science and technologies

Wu, Chunfei; Huang, Qi; Xu, Zhicheng; Tariq Sipra, Ayesha; Gao, Ningbo; Porto de Souza Vandenberghe, Luciana; Vieira, Sabrina; Soccol, Carlos Ricardo; Zhao, Ruikai; Deng, Shuai; **Konist, Alar; Baqain, Mais Hanna Suleiman** Carbon capture science & technology 2024 / art. 100178, 180 p. : ill <https://doi.org/10.1016/j.ccst.2023.100178> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A comprehensive review on DC fast charging stations for electric vehicles: standards, power conversion technologies, architectures, energy management, and cybersecurity

Arena, Gabriele; **Chub, Andrii**; Lukianov, Mykola; Strzelecki, Ryszard; **Vinnikov, Dmitri**; de Carne, Giovanni IEEE open journal of power electronics 2024 / p. 1573-1611 <https://doi.org/10.1109/OJPEL.2024.3466936>

Comprehensive study of photoluminescence and device properties in Cu₂Zn(Sn_{1-x}Gex)S₄ monograins and monograin

layer solar cells

Mengü, Idil; Muska, Katri; Pilvet, Maris; Mikli, Valdek; Dudutiene, Evelina; Kondrotas, Rokas; **Krustok, Jüri; Kauk-Kuusik, Marit; Grossberg-Kuusk, Maarja** Solar energy materials and solar cells 2024 / art. 113124 <https://doi.org/10.1016/j.solmat.2024.113124>

A comprehensive survey on digital twin for future networks and emerging Internet of Things industry

Hakiri, Akram; Gokhale, Aniruddha; **Ben Yahia, Sadok;** Mellouli, Nedra Computer Networks 2024 / art. 110350
<https://doi.org/10.1016/j.comnet.2024.110350> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A comprehensive survey on revolutionizing connectivity through artificial intelligence-enabled digital twin network in 6G

Sheraz, Muhammad; Chuah, Teong Chee; Lee, Ying Loong; **Alam, Muhammad Mahtab;** Al-Habashna, Ala'a; Han, Zhu IEEE Access 2024 / p. 49184-49215 <https://doi.org/10.1109/ACCESS.2024.3384272> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comprehensive workflow for documenting corporate commuting emissions : a university case study with two alternative approaches

Jiang, Qidi; Kurnitski, Jarek Proceedings of the 2nd international conference on advanced civil engineering and smart structures 2024 / p. 68-77 https://doi.org/10.1007/978-981-97-1514-5_8 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Computation of nonlinear eigenvalues based on the Ore determinant : preliminary results

Halás, Miroslav; **Kaldmäe, Arvo; Kotta, Ülle;** Slacka, Juraj Proceedings of the Estonian Academy of Sciences 2024 / p. 366 - 378
<https://doi.org/10.3176/proc.2024.4.06> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Concept of wireless low-voltage DC socket for the residential house application

Shevchenko, Viktor; Husev, Oleksandr; Pakhaliuk, Bohdan; Vinnikov, Dmitri; Strzelecki, Ryszard IEEE Access 2024 / p. 143226-143236 <https://doi.org/10.1109/ACCESS.2024.3471691> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Concepts and criteria defining emerging microbiome applications

Kostic, Tanja; Schloter, Michael; Arruda, Paulo; Berg, Gabriele; Charles, Trevor C.; Cotter, Paul D.; Kiran, George Seghal; Lange, Lene; Maguin, Emmanuelle; Meisner, Annelein; van Overbeek, Leo; Sanz, Yolanda; **Sarand, Inga;** Selvin, Joseph; Tsakalidou, Effie; Smidt, Hauke; Wagner, Martin; Sessitsch, Angela Microbial biotechnology 2024 / art. e14550, 11 p. : ill <https://doi.org/10.1111/1751-7915.14550> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Conceptual framework of information flow synchronization throughout the building lifecycle

Raitviir, Christopher-Robin; **Lill, Irene** Buildings 2024 / art. 2207 <https://doi.org/10.3390/buildings14072207> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Conceptualizing epistemic power: the changing relationship between economic policy paradigms and academic disciplines

Ylönen, Matti; Jaakkola, Jussi; Saari, Leevi Accounting, economics and law: a convivium 2024 / p. 39-65 : ill
<https://doi.org/10.1515/ael-2021-0048>

Concluding remarks

Reedik, Vello Socio-technical synergetics 2024 / p. 160-164 https://www.ester.ee/record=b5651350*est

Conclusion-contemporary entrepreneurship : global perspectives and cases

Hammoda, Basel Osama Sayed Ahmed; Durst, Susanne Contemporary entrepreneurship : global perspectives and cases 2024 / p. 119-124 <https://doi.org/10.4324/9781003371403-16> https://www.ester.ee/record=b5670538*est

Conclusions and outlook : Chapter 14

Pevkur, Aive; Durst, Susanne Digital transformation for entrepreneurship 2024 / p. 243-247
https://doi.org/10.1142/9789811270178_0014 https://www.ester.ee/record=b5676637*est

Concurrent monads for shared state

Rivas, Exequiel; Uustalu, Tarmo Proceedings of the 26th International Symposium on Principles and Practice of Declarative Programming 2024 / art. 17 <https://doi.org/10.1145/3678232.3678249> [Article at Scopus](#) [Article at WOS](#)

Condition monitoring of a Cartesian robot with a mechanically damaged gear to create a fuzzy logic control and diagnosis algorithm

Autsou, Siarhei; Kudelina, Karolina; Vaimann, Toomas; Rassõlkin, Anton; Kallaste, Ants Applied sciences 2024 / art. 4241
<https://doi.org/10.3390/app14104241> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Configuring data subjects

Dalmer, Nicole; Newman-Griffis, Denis; **Ibrahimi, Mergime;** Jia, Xiufeng; Allhutter, Doris; Amelang, Katrin; Jarke, Juliane Dialogues in data power : Shifting Response-abilities in a datafied world 2024 / p. 10-30 <https://doi.org/10.51952/9781529238327.ch001>
<http://bristoluniversitypress.co.uk/dialogues-in-data-power>

Considerations on combining unfolding inverters with partial power regulators in battery–grid interface converters

Galkin, Ilya A.; Saltanovs, Rodions; Bubovich, Alexander; **Blinov, Andrei**; Peftitsis, Dimosthenis *Energies* 2024 / art. 893
<https://doi.org/10.3390/en17040893> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Consistency of JWST black hole observations with NANOGrav gravitational wave measurements

Ellis, John; Fairbairn, Malcolm; Hütsi, Gert; **Urrutia, Juan**; Vaskonen, Ville; Veermäe, Hardi *Astronomy and astrophysics* 2024 / art. A270 <https://doi.org/10.1051/0004-6361/202450846> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at Scopus](#) [Article at WOS](#)

Consumers' online brand-related misinformation engagement : a weapons of influence perspective

Hollebeek, Linda Desiree; **Parts, Oliver**; Urbonavicius, Sigitas; **Riisalu, Rein**; Adomaviciute-Sakalauske, Karina; Jansson, Johan *Journal of strategic marketing* 2024 / p. 1415-1434 <https://doi.org/10.1080/0965254X.2024.2380657> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Contemporary entrepreneurship : global perspectives and cases

2024 <https://doi.org/10.4324/9781003371403> https://www.ester.ee/record=b5670538*est

Context-Free Languages of String Diagrams

Earnshaw, Matthew David; Román, Mario *arXiv.org* 2024 / 24 p. : ill <https://doi.org/10.48550/arXiv.2404.10653>

Continuing long-term expansion of low-oxygen conditions in the Eastern Gulf of Finland

Stoicescu, Stella-Theresa; Hoikkala, Laura; Fleming, Vivi; **Lips, Urmas** *Oceanologia* 2024 / p. 139-152 : ill., map
<https://doi.org/10.1016/j.oceano.2024.02.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Contrasting “Smart Mobility” and “Sustainable Mobility” in transport governance : The case of municipalities in Estonia

Kirejev, Mihhail; **Gerstlberger, Wolfgang Dieter**; **Niine, Tarvo** *Scientific Papers of the University of Pardubice, Series D : Faculty of Economics and Administration* 2024 / art. 1891 <https://doi.org/10.46585/sp32011891>

Contrastive Learning for Lane Detection via cross-similarity

Zoljodi, Ali; Abadijou, Sadegh; Alibeigi, Mina; **Daneshtalab, Masoud** *Pattern Recognition Letters* 2024 / p. 175-183 : ill
<https://doi.org/10.1016/j.patrec.2024.08.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Contributions of demand and supply shocks to inflation in the euro area countries

Liepnieks, Roberts; **Staehr, Karsten**; Tkacevs, Olegs *Applied economics letters* 2024 <https://doi.org/10.1080/13504851.2024.2394204>

Controlling chirogenic effects in porphyrin based supramolecular systems: theoretical analysis versus experimental observations

Osadchuk, Irina; Luts, Hanna-Eliisa; **Zahharova, Aleksandra**; Tamm, Toomas; **Borovkov, Victor** *ChemPhysChem* 2024 / art. e202400104 <https://doi.org/10.1002/cphc.202400104>

Coop Pank paneb õla alla TalTechi tehisaru ja ESG õppele

goodnews.ee 2024 [Coop Pank paneb õla alla TalTechi tehisaru ja ESG õppele](#)

The coordination of digital government platforms : The role of administrative tradition and collaboration history

Breaugh, Jessica; **Nõmmik, Steven** *Collaborating for Digital Transformation : How Internal and External Collaboration Can Contribute to Innovate Public Service Delivery* 2024 / p. 81-102 <https://doi.org/10.4337/9781803923895.00014>

Coping with reverberant acoustics in singing by extending the plosive closures in vowel-plosive-vowel sequences

Vurma, Allan; **Meister, Einar**; **Meister, Lya**; Ross, Jaan; Raju, Marju; Kala, Veeda; Dede, Tuuri *5th International Symposium on Applied Phonetics (ISAPh 2024)*, 30 September - 2 October 2024, Tartu, Estonia 2024 / p. 115-120 : ill
<https://doi.org/10.21437/ISAPh.2024-22>

Co-pyrolysis of biomass and oil shale = Biomassi ja põlevkivi koospürolüüs

Lyons Ceron, Alejandro 2024 <https://doi.org/10.23658/taltech.27/2024> https://www.ester.ee/record=b5685170*est
<https://digikogu.taltech.ee/et/Item/086c2b08-a10f-4af2-aa9a-1bd3aa07693c>

Co-pyrolysis of biomass woodchips with Ca-rich oil shale fuel in a continuous feed reactor

Lyons Ceron, Alejandro; Pihu, Tõnu; **Konist, Alar** *Oil Shale* 2024 / p. 208–235 : ill <https://doi.org/10.3176/oil.2024.3.04>

Co-pyrolysis of woody biomass and oil shale — a kinetics and modelling study

Lyons Ceron, Alejandro; Ochieng, Richard; Sarker, Shiplu; Järvik, Oliver; **Konist, Alar** *Energies* 2024 / art. 1055
<https://doi.org/10.3390/en17051055> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Correction to: Advancing drug–target interaction prediction: a comprehensive graph-based approach integrating knowledge graph embedding and ProtBert pretraining (BMC Bioinformatics, (2023), 24, 1, (488), 10.1186/s12859-023-

05593-6)

Djeddi, Warith Eddine; Hermi, Khalil; **Ben Yahia, Sadok**; Diallo, Gayo BMC Bioinformatics 2024 / art. 289

<https://doi.org/10.1186/s12859-024-05905-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Correction to: Review of state-of-the-art microwave filter tuning techniques and implementation of a novel tuning algorithm using expert-based hybrid learning (Wireless Personal Communications, (2024), 134, 2, (625-681), 10.1007/s11277-024-10894-x)

Sekhri, Even; Kapoor, Rajiv; **Tamre, Mart** Wireless Personal Communications 2024 / p. 683 <https://doi.org/10.1007/s11277-024-10941-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Correlation between EEG functional connectivity and fasting blood glucose in healthy subjects

Päeske, Laura; Hinrikus, Hiie; **Lass, Jaanus**; Põld, Toomas; **Bachmann, Maie** 2024 46th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC) 2024 / p. 1 - 4 <https://ieeexplore.ieee.org/document/10781613>
<https://doi.org/10.1109/EMBC53108.2024.10781613>

Corrosion behavior of 17–4 PH stainless steel manufactured by laser powder bed fusion: Effect of graphene coating and heat-treatment

Maharana, P.; Sahu, D. K.; Sahoo, D.; Mallik, A.; Mishra, S.; Ramakrishna, M.; **Prashanth, Konda Gokuldoss**; Gollapudi, S. Materials today communications 2024 / art. 111098 <https://doi.org/10.1016/j.mtcomm.2024.111098> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Corruption and country size : insights from small state studies

Saarniit, Leno; **Sarapuu, Külli** Halduskultuur : the Estonian journal of administrative culture and digital governance 2024 / p. 6-25
https://www.ester.ee/record=b2157203*est <https://doi.org/10.32994/hk.v22i2.315>

Cost-effective fault tolerance for CNNs using parameter vulnerability based hardening and pruning

Ahmadilivani, Mohammad Hasan; Mousavi, Seyedhamidreza; **Raik, Jaan**; **Daneshtalab, Masoud**; **Jenihhin, Maksim** 2024 IEEE 30th International Symposium on On-line Testing and Robust System Design (IOLTS) : IOLTS 2024 : July 03rd-05th 2024, Rennes, Brittany, France 2024 / 7 p <https://doi.org/10.1109/IOLTS60994.2024.10616072> [Article at Scopus](#) [Article at WOS](#)

Cost-effective piggyback forward dc-dc converter

Matiushkin, Oleksandr; **Husev, Oleksandr**; **Afshari, Hossein**; **Vinnikov, Dmitri**; **Strzelecki, Ryszard** 2024 IEEE Applied Power Electronics Conference and Exposition (APEC) 2024 / p. 2106-2111 <https://doi.org/10.1109/APEC48139.2024.10509355> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Cost-efficient improvement of power system's reliability within limited funds

Andreesen, Guido; **Leinakse, Madis**; **Kilter, Jako**; **Landsberg, Mart** 2024 IEEE 65th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCon) 2024 / 7 p <https://doi.org/10.1109/RTUCon62997.2024.10830808>

Crack formation and control in an AlCoCrFeNi high entropy alloy fabricated by selective laser melting

Wei, Shuimiao; Ma, Pan; Fang, Yacheng; Zhang, Zhiyu; Yang, Zhilu; Shi, Xuerong; **Prashanth, Konda Gokuldoss** 3D Printing and Additive Manufacturing 2024 / p. E628 - E637 <https://doi.org/10.1089/3dp.2022.0142> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Crafting conceptual proposition-based contributions: The 7C framework

Hollebeek, Linda Desiree; Srivastava, Rajendra K.; Clark, Moira K.; Urbonavicius, Sigita; Lim, Weng Marc Psychology and Marketing 2024 / p. 2396-2411 <https://doi.org/10.1002/mar.22055> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Create your own MUSE : a method for updating security level evaluation instruments

Seeba, Mari; Affia, Abasi-amefon Obot; **Mäses, Sten**; Matulevičius, Raimundas Computer Standards and Interface 2024 / art. 103776 <https://doi.org/10.1016/j.csi.2023.103776> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Creating Edinburgh: diffracting interdisciplinary learning and teaching in the contemporary city

Cullen, Clare; Jay, David; Overend, David; **Winter Kurchik, Madison** Humanities and social sciences communications 2024 / art. 1151, 11 p. : ill <https://doi.org/10.1057/s41599-024-03566-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Critical raw materials of the Estonian Precambrian basement : Any new targets?

Soesoo, Alvar; Nirgi, Siim; **Solano-Acosta, Juan David** Lithosphere 2024 2024 / p. 108-111
<https://www.seismo.helsinki.fi/pdf/Lito2024.pdf>

A critical retelling of the implementing of telepresence robots to enhance learners' collaboration : through a posthumanist new materialist and intersectionalist lens

Leoste, Janika; Burnard, Pamela; Harris, Dan; Virkus, Sirje; Blakeborough, Jessica; Fenyvesi, Kristof; Lavicza, Zsolt; **Marmor, Kristel** Education, development and intervention : toward participatory and integrated solutions 2024 / p. 117–132
https://link.springer.com/chapter/10.1007/978-3-031-60713-4_8 https://doi.org/10.1007/978-3-031-60713-4_8

Cross-border data exchange in the Nordic-Baltic region : data intermediaries, interoperability, and e-services orchestration = Piiriülene andmevahetus Põhja-Balti regioonis : andmevahendajad, koostalitlusvõime ja e-teenuste orkestreerimine

Jackson, Eric Blake 2024 https://www.ester.ee/record=b5704325*est <https://doi.org/10.23658/taltech.54/2024>
<https://digikogu.taltech.ee/et/Item/4c85549d-2e2a-4fff-bf11-08ce2295e945>

Cross-organisational collaboration management of digital innovation in the public sector - The case of the Estonian employment register

Nõmmik, Steven NISPAcee journal of public administration and policy 2024 / p. 142-168 <https://doi.org/10.2478/nispa-2024-0007>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Crowdworking: nurturing expert-centric absorptive capacity

Gol, Elham Shafiei; Avital, Michel; **Stein, Mari-Klara** Information systems research 2024 / 24 p. : ill
<https://doi.org/10.1287/isre.2020.0413> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cryo-protective effect of ice-binding proteins produced by Pseudomonas fluorescens AQP671 on wholegrain wheat bread dough during freezing and frozen storage

Luhila, Önnela; Karro, Kadi; Zakrevskaja, Karina; Nisamedtinov, Ildar; Paalme, Toomas; Laos, Katrin LWT - food science and technology 2024 / art. 117160, 13 p. : ill <https://doi.org/10.1016/j.lwt.2024.117160> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cultural and tourism diplomacy endorsing global peace through online guided literary tours

Kregar Gliha, Mateja; **Bauk, Sanja**; Potocnik Topler, Jasna Studia Turistica 2024 / p. 10-22 https://www.studiaturistic.cz/wp-content/uploads/2024/12/studia_turistica_2024_2.pdf

A culturally acceptable shift in diet to reduce land footprint: an optimization study for Estonia

Bashiri, Bashir; Kaleda, Aleksei; Gavrilova, Olga; **Vilu, Raivo** Environmental modeling & assessment 2024 / 15 p
<https://doi.org/10.1007/s10666-024-09996-4>

Current challenges in operation, performance, and maintenance of photovoltaic panels

Orosz, Tamas; **Rassõlkin, Anton**; Arsenio, Pedro; Poor, Peter; **Valme, Daniil**; Sleisz, Adam Energies 2024 / art. 1306
<https://doi.org/10.3390/en17061306> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Current state of the art of analyte scope in urine metabolome analysis by non-hydrogenative PHIP

Reimets, Nele; Ausmees, Kerti; Reile, Indrek Journal of Magnetic Resonance Open 2024 / art. 100171, 5 p. : ill
<https://doi.org/10.1016/j.jmro.2024.100171>

Curricula updates through students' participation in international competition

Valme, Daniil; Belolipetskaja, Diana; Rassõlkin, Anton; Leoste, Janika; Rüttnann, Tiia Robotics in education : proceedings of the RiE 2024 conference 2024 / p. 352-364 https://doi.org/10.1007/978-3-031-67059-6_31 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Cursus 440 jooniste 3D digitaliseerimine TalTech Kuressaare Kolledžis

Kask, Hanno Paat & Merendus 2024 / lk. 22-23 : ill http://www.ester.ee/record=b4471304*est

Cuts support to Russian schools - several countries consider measures

Tangen, E.; **Tsybulenko, Evhen** Norway posts 2024 [Cuts support to Russian schools - several countries consider measures](#)

Cutting-edge imaging unravels sex-specific structural variations in the heart

Vendelin, Marko; Marko Vendelin, Laasmaa, Martin Medical Xpress 2024 <https://medicalxpress.com/news/2024-06-edge-imaging-unravels-sex-specific.html> <https://physoc.onlinelibrary.wiley.com/doi/10.1113/JP284515>

Cutting-edge imaging unravels sex-specific structural variations in the heart

Vendelin, Marko eurekaalert.org 2024 <https://www.eurekaalert.org/news-releases/1047671> <https://doi.org/10.1113/JP284515>

Cyber attacks on critical infrastructures and satellite communications

Carlo, Antonio; Obergfaell, Kim International Journal of Critical Infrastructure Protection 2024 / art. 100701, 8 p.
<https://doi.org/10.1016/j.ijcip.2024.100701> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cyber range and digital twin technologies for space resiliency and security

Carlo, Antonio; Manti, Nebile Pelin; Edl, András; Bintang Alam Semesta Wisran, A.M.; Breda, Paola 57th IAA Symposium on Safety, Quality and Knowledge Management in Space Activities : held at the 75th International Astronautical Congress (IAC 2024) : Milan, Italy, 14-18 October 2024 2024 / p. 322-332 <https://doi.org/10.52202/078376-0032> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Cyber-physical control system for self-driving vehicles = Isejuhtivate sõidukite küberfüüsikaline juhtsüsteem

Pikner, Heiko 2024 https://www.ester.ee/record=b5695069*est <https://digikogu.taltech.ee/et/Item/15942b01-fddb-4938-a38f-877487151014>
<https://doi.org/10.23658/taltech.44/2024>

Cyclic duality for slice and orbit 2-categories

Boiquayea, John; **Joram, Philipp**; Krämer, Ulrich Higher Structures 2024 / p. 136-162 : ill <https://doi.org/10.21136/hs.2024.09>

DAAG-SNP: energy efficient distance and angulation based agglomerative clustering for sink node placement

Hanif, Maria; Ahmad, Rizwan; Ahmed, Waqas; Drieberg, Micheal; **Alam, Muhammad Mahtab** IEEE Open Journal of the Communications Society 2024 / p. 5013-5026 <https://doi.org/10.1109/OJCOMS.2024.3421901> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Dago Antov: Eesti on jalgrattakultuuri poolest selgelt teistest riikidest maha jäänud

Antov, Dago epl.delfi.ee 2024 [Dago Antov: Eesti on jalgrattakultuuri poolest selgelt teistest riikidest maha jäänud](#)

Dago Antov: ühistranspordivõrk ei hakka kunagi kõigile sobiv olema

Antov, Dago err.ee 2024 [Dago Antov: ühistranspordivõrk ei hakka kunagi kõigile sobiv olema](#)

Dances with the Illuminati: Hands on social engineering in a classroom setting

Mäses, Sten; Lorenz, Birgy; Kikkas, Kaido; Karmo, Kristjan New Perspectives in Behavioral Cybersecurity: Human Behavior and Decision-Making Models 2024 / 7 p <https://doi.org/10.1201/9781003415060-7>

DAO-based society-in-the-loop model : redesigning society-in-the-loop framework to concrete social dialogue key measurement for platform workers

Kerikmäe, Tanel; Göksal, Saban Ibrahim; Chochia, Archil Problems of legality 2024 / p. 237-255 <https://doi.org/10.21564/2414-990X.166.312167>

Daria in Polytechnic University of Turin, Italia

Klementeva, Daria Studioosus 2024 / lk. 30-31 : fot https://www.ester.ee/record=b1558644*est

DAT: deep learning-based acceleration-aware trajectory forecasting

Sharifi, Ali Asghar; Zoljodi, Ali; **Daneshtalab, Masoud** Journal of imaging 2024 / art. 321, 16 p. : ill

<https://doi.org/10.3390/jimaging10120321> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Data-driven approaches based microwave filter tuning - a review

Sekhri, Even; Tamre, Mart; Kapoor, Rajiv Advances in Artificial-Business Analytics and Quantum Machine Learning : Select Proceedings of the 3rd International Conference, Com-IT-Con 2023, Volume 2 2024 / p. 273-286 https://doi.org/10.1007/978-981-97-4860-0_22 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Data-driven baseline generation for post-retrofit energy saving assessment, a comparison of statistical and machine learning methods

Kuivjõgi, Helena; Vasman, Sofia; Petlenkov, Eduard; Thalfeldt, Martin; Kurnitski, Jarek Journal of building engineering 2024 / art. 111016 <https://doi.org/10.1016/j.jobe.2024.111016>

Data-driven control for nonlinear automated vehicles with multi-description coding for handling data dropouts

Zhang, Shuhua; Ma, Lifeng; **Charalambous, Themistoklis** 2024 IEEE 63rd Conference on Decision and Control (CDC) 2024 / p. 7387 - 7392 <https://doi.org/10.1109/CDC56724.2024.10886494> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Data-driven fault-resilient cross-layer sensor network architecture = Andmepõhine tõrkekindel kihtideülene sensorvõrgu arhitektuur

Vihman, Lauri 2024 https://www.ester.ee/record=b5657135*est <https://digikogu.taltech.ee/et/Item/00a93258-dc0f-4a4d-822f-099fff757224>
<https://doi.org/10.23658/taltech.7/2024>

Data-driven model for real-time evaluating capacity of commercial buildings to participate in the demand response

Belikov, Juri; Matskevich, Aliaksei; **Köse, Ahmet; Petlenkov, Eduard** E3S Web of Conferences : BuildSim Nordic 2024 2024 / art. 04001, 12 p <https://doi.org/10.1051/e3sconf/202456204001>

Data-driven model predictive techniques for unknown linear time invariant systems

Ghorbani, Majid IEEE Control Systems Letters 2024 / p. 199 - 204 <https://doi.org/10.1109/LCSYS.2024.3359068> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Data-driven occupancy profile identification and application to the ventilation schedule in a school building

Vassiljeva, Kristina; Matson, Margarita; Ferrantelli, Andrea; Petlenkov, Eduard; Thalfeldt, Martin; Belikov, Juri Energies 2024 / art. 3080 <https://doi.org/10.3390/en17133080> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Dauri Kivipuur: andmekaitsest riigihalduses

Kivipuur, Daari err.ee 2024 [Dauri Kivipuur: andmekaitsest riigihalduses](#)

Dc leakage current in isolated grid-connected dc nanogrid - origins and elimination methods

Azizi, Mohammadreza; **Husev, Oleksandr**; Veligorskyi, Oleksandr; Turzvnski, Marek; Strzelecki, Ryszard 2024 IEEE 18th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2024 / 6 p <https://doi.org/10.1109/CPE-POWERENG60842.2024.10604426>

DC microgrid: state of art, driving force, challenges and perspectives

Husev, Oleksandr; Vinnikov, Dmitri Power Systems Research and Operation : Selected Problems III 2024 / p. 149-190 https://doi.org/10.1007/978-3-031-44772-3_8 [Article collection metrics at Scopus](#) [Article at Scopus](#)

DC-ready flyback-based micro-converter

Afshari, Hossein; Husev, Oleksandr; Matiushkin, Oleksandr; Vinnikov, Dmitri; Roncero-Clemente, Carlos 2024 IEEE 18th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2024 / 6 p <https://doi.org/10.1109/CPE-POWERENG60842.2024.10604344>

Dead-beat-based model predictive current control for the dual-purpose dc-dc/ac PWM modular power converter

Roncero-Clemente, Carlos; Escalona, Javier-Gutierrez; Pires, V. Fernao; **Matiushkin, Oleksandr**; Milanes-Montero, Maria Isabel; Romero-Cadaval, Enrique 2024 IEEE 18th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2024 / 6 p <https://doi.org/10.1109/CPE-POWERENG60842.2024.10604328>

Debate: The intricacies of cutback management during the Covid 19 pandemic

Douglas, James W.; **Raudla, Ringa** Public money & management 2024 / p. 345-346 <https://doi.org/10.1080/09540962.2024.2328453> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Decarbonisation options of district heating peak loads

Volkova, Anna; Moser, Simon; Jauschnik, Gabriela; **Hlebnikov, Aleksandr; Ali, Hesham Abed Al-Same Jamil**; Cecchin, Chiara 10th International Conference on Smart Energy Systems : Book of Abstracts 2024 / p. 203-204 <https://vbn.aau.dk/da/publications/book-of-abstracts-10th-international-conference-on-smart-energy-s-2>

Decision support tools for the management of eastern Baltic Sea coasts = Läänemere idaranniku haldamise otsuste tugivahendid

Barzehkar, Mojtaba 2024 https://www.ester.ee/record=b5713151*est <https://digikogu.taltech.ee/et/Item/97e33b31-f1d3-4b32-ae54-67f5d30dafa> <https://doi.org/10.23658/taltech.67/2024>

A decision-making tool for navigating extracellular vesicle research and product development

Loria, Francesca; Picciotto, Sabrina; Adamo, Giorgia; Zendrini, Andrea; Raccosta, Samuele; Manno, Mauro; Bergese, Paolo; Liguori, Giovanna L.; Bongiovanni, Antonella; Zarovni, Nataša Journal of extracellular vesicles 2024 / art. e70021, 15 p. <https://doi.org/10.1002/jev.70021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Deep eutectic solvents as phase change materials for efficient thermal energy storage

Rafique, Nouman; Koel, Mihkel; Järvik, Oliver 7th Edition of the Iberoamerican Meeting on Ionic Liquids 2024 / p. 40 https://media.sci-meet.com/imil2024.events.chemistry.pt/5b2baf78-e9f0-4f60-9f54-9a115d3be118/BookAbstracts_IMIL2024_FINAL_2.pdf

Deep learning based audio-visual emotion recognition in a smart learning environment

Dunajeva, Olga; Pentel, Avar; Ivleva, Natalja; Juštšenko, Valeria Towards a Hybrid, Flexible and Socially Engaged Higher Education : proceedings of the 26th International Conference on Interactive Collaborative Learning (ICL2023), vol. 1 2024 / p. 420-431 https://doi.org/10.1007/978-3-031-51979-6_44 [Conference proceedings at scopus](#) [Article at Scopus](#) [Article at WOS](#)

Deep magnitude management of clinical code embeddings to predict unplanned hospital readmissions

Bignoumba, Nzamba; Bertl, Markus; Mellouli, Nedra; **Ben Yahia, Sadok** Research Square 2024 / 32 p. : ill <https://doi.org/10.21203/rs.3.rs-4705729/v1>

Deep oxidative desulfurization of planar compounds over functionalized metal-organic framework UiO-66(Zr): An optimization study

Barghi, Bijan; Möistlik, Tanel; Raag, Anastassia; Volokhova, Maria; Reile, Indrek; Seinberg, Liis; **Mikli, Valdek; Niidu, Allan** ACS omega 2024 / p. 23329-23338 <https://doi.org/10.1021/acsomega.3c09971> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Deep padding and alignment strategies for irregular multivariate clinical time series

Bignoumba, Nzamba; Ben Yahia, Sadok; Mellouli, Nedra Procedia Computer Science 2024 / p. 3275 - 3284 <https://doi.org/10.1016/j.procs.2024.09.312> [Conference proceedings at Scopus](#) [Article at Scopus](#)

DeepVigor+: Scalable and Accurate Semi-Analytical Fault Resilience Analysis for Deep Neural Networks

Ahmadilivani, Mohammad Hasan; Raik, Jaan; Daneshtalab, Masoud; Jenihhin, Maksim arXiv.org 2024 / 14 p. : ill <https://doi.org/10.48550/arXiv.2410.15742>

Deformation and energy absorption studies on FBCC and FBCCz lattice structures with symmetrical density gradients produced by L-PBF of Ti-6Al-4V alloy

Jagadeesh, B.; Duraiselvam, Muthukannan; Prashanth, Konda Gokuldoss Materials today: proceedings 2024 / 6 p
<https://doi.org/10.1016/j.matpr.2024.02.008>

Degradation of a poly(3-hydroxybutyrate-co-3-hydroxyvalerate) (PHBV) compound in different environments

Lyshtva, Pavlo; Voronova, Viktoria; Barbir, Jelena; Filho, Walter Leal; Kröger, Silja Denise; Witt, Gesine; Miksch, Lukas; Sabowski, Reinhard; Gutow, Lars; Frank, Carina Heliyon 2024 / art. e24770 <https://doi.org/10.1016/j.heliyon.2024.e24770>

Degradation of carbamazepine and triclosan in sewage sludge mixtures used for fertilizing agricultural soils

Nei, Lembit; Haiba, Egge; Raamets, Jane; Herodes, Koit Soil science annual 2024 / art. 189545
<https://doi.org/10.37501/soilsa/189545>

Degradation of imidazolium-based ionic liquids by UV photolysis and pulsed corona discharge : the effect of persulfates addition

Nikitin, Dmitri; Preis, Sergei; Dulova, Niina Separation and purification technology 2024 / art. 127235
<https://doi.org/10.1016/j.seppur.2024.127235> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Degradation of imidazolium-based ionic liquids by UV photolysis and pulsed corona discharge : the effect of persulfates addition

Nikitin, Dmitri; Dulova, Niina; Preis, Sergei 19th IWA leading edge conference on Water and Wastewater Technologies 2024 / 2 p.
<https://iwa-let.org/pdfviewer/degradation-of-imidazolium>

Degradation studies of some pharmaceuticals present in Sewage Sludge

Nei, Lembit; Haiba, Egge SETAC Europe 34th Annual Meeting : "Science-Based Solutions in Times of Crisis : Integrating Science and Policy for Environmental Challenges" : book of abstracts 2024 / abs.: 3.20.P-Th357
<https://setac.confex.com/setac/europe2024/meetingapp.cgi/Paper/21031>

Demand side management for commercial buildings : multiple heating systems based optimization in real-time

Köse, Ahmet; Sukhanov, Ivan; Belikov, Juri; Tepljakov, Aleksei; Petlenkov, Eduard Proceedings of the 30th ICE IEEE/ITMC Conference on Engineering, Technology, and Innovation: Digital Transformation on Engineering, Technology and Innovation, ICE 2024 2024 IEEE International Conference on Engineering, Technology, and Innovation (ICE/ITMC) 2024 / 8 p
<https://doi.org/10.1109/ICE/ITMC61926.2024.10794302>

Demonstration of magnetic force in the process of studying physics

Gavrilov, Aleksei World journal of advanced engineering technology and sciences 2024 / p. 19-23
<https://doi.org/10.30574/wjaets.2024.11.2.0076>

Denoising and extraction of partial discharge pulse characteristics using wavelet denoising and local maxima method

Choudhary, Maninder; Palu, Ivo; Kiitam, Ivar; Shafiq, Muhammad; Taklaja, Paul; Bhattarai, Abhinav 2024 IEEE International Conference on Power and Energy (PECon) 2024 / p. 221-225 <https://doi.org/10.1109/PECon62060.2024.10827085>

Depressiooni kummimantel

Rohelend, Birk, pseudonüüm Eesti Naine 2024 / lk. 16 https://www.ester.ee/record=b1072072*est

Design and control for high reliability power electronics: state of the art and future trends

Alcaide, A. M.; Buticchi, Giampaolo; Chub, Andrii; Dalessandro, L. IEEE journal of emerging and selected topics in industrial electronics 2024 / p. 50-61 <https://doi.org/10.1109/JESTIE.2023.3287513>

Design and discretization of multi-resonant current controllers

Elkayam, Moria Sassonker; Vinnikov, Dmitri 2024 19th Conference on Ph.D Research in Microelectronics and Electronics (PRIME) 2024 / 4 p <https://doi.org/10.1109/PRIME61930.2024.10559737>

The design and implementation of a semantic web framework for the event-centric digital forensics analysis

Tšikul, Pavel; Bahşi, Hayretidin; Maennel, Olaf Manuel International Conference on Information Systems Security and Privacy. 1 2024 / p. 570-581 <https://doi.org/10.5220/0012437700003648> [Conference proceedings at Scopus](#) [Article at Scopus](#)

The design and management of public-private eHealth partnerships

Callens, Chesney; Verhoest, C.; Klijn, E. H.; Brogaard, L.; Lember, Veiko; Pina, V.; van Doninck, D. Collaborating for Digital Transformation : How Internal and External Collaboration Can Contribute to Innovate Public Service Delivery 2024 / p. 144-167
<https://doi.org/10.4337/9781803923895.00018>

Design and resonance analysis of tubular structured dual stator linear oscillating actuator

Ahmad, Zahoor; Kallaste, Ants; Vaimann, Toomas; Sardar, Muhammad Usman 2024 International Conference on Electrical Machines (ICEM) 2024 / 7 p <https://doi.org/10.1109/ICEM60801.2024.10700213>

Design considerations of dual-active bridge DC grid-forming converter for DC buildings

Carvalho da Silva, Edivan Laercio; Sidorova, Aleksandra; Blinov, Andrei; Chub, Andrii; Vinnikov, Dmitri IEEE transactions on industrial electronics 2024 / p. 10601-10611 <https://doi.org/10.1109/TIE.2023.3331125>

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 AChE reactivators using versatile molecular platforms and nanodiamonds

Karpichev, Yevgen; Kapitanov, Illia; Bondar, Denys; Mochalin, Vadym 15th International Meeting on Cholinesterases, 9th International Conference on Paraoxonases : Programme and Book of Abstracts 2024 / p. 92 https://www.chepon2024.com/wp-content/uploads/2024/09/CHEPON2024_Book_of_Abstracts.pdf

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>

Designing a proof of concept for a virtual competence assistant

Liutkevičius, Markko; Kõosaar, Madis; Ben Yahia, Sadok Human Factors, Business Management and Society : proceedings of the 15th International Conference on Applied Human Factors and Ergonomics and the Affiliated Conferences, Nice, France, 24-27 July 2024. Vol. 135 2024 / p. 139-147 : ill <https://doi.org/10.54941/ahfe1004939>

Designing cross-sector collaboration to foster technological innovation : empirical insights from eHealth partnerships in five countries

Verhoest, Koen; Callens, Chesney; Klijn, Erik Hans; Brogaard, Lena; Garcia-Rayado, Jaime; Nõmmik, Steven Public administration review 2024 <https://doi.org/10.1111/puar.13785> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Designing workplace hybrid course

Kasuk, Tiina; Leoste, Janika International Symposium on Ambient Intelligence and Embedded Systems, Tallinn, Estonia, 11 - 14 September, 2024. 2024 / 1 p. : ill https://international-symposium.org/amies_2024/proceedings_2024/Kasuk_Leoste_AmiEs_2024_Poster.pdf

Detection of cracks in a sawblade by eddy current measurements

Märtens, Olev; Land, Raul; Metshein, Margus; Abdullayev, Anar; Vennikas, Henri; Le Moullec, Yannick 2024 19th Biennial Baltic Electronics Conference (BEC) 2024 / 6 p <https://doi.org/10.1109/BEC61458.2024.10737981> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Determining asphalt binder aging by using limiting phase angle temperature

Lill, Kristjan; Kontson, Karli; Aavik, Andrus Baltic journal of road and bridge engineering 2024 / p. 28-49 <https://doi.org/10.7250/bjrbe.2024-19.647>

Determining cost-efficient sequence of condition inspection based on estimated condition data

Andreesen, Guido; Leinakse, Madis; Kilter, Jako; Landsberg, Mart IEEE PES Innovative Smart Grid Technologies Conference Europe (ISGT Europe 2024) : proceedings 2024 / 5 p <https://doi.org/10.1109/ISGTEUROPE62998.2024.10863436>

Detsembrikuu väljakutse

Kobin, Meelis Studioosus 2024 / lk. 54 : fot https://www.ester.ee/record=b1558644*est

Developing a framework for smart stormwater management in Tallinn, Estonia

Suits, Kristjan; Vassiljev, Anatoli; Kaur, Katrin; Kõiv, Kerta; Kändler, Nils; Annus, Ivar Engineering Proceedings 2024 / art. 23 <https://doi.org/10.3390/engproc2024069023> [Journal metrics at Scopus](#) [Article at Scopus](#)

Developing of an engineering scientific innovative lab and teaching methodology for smart manufacturing in the hi-engineering school

Kekšin, Vjatcheslav; Sarkans, Martinš; Kuts, Vladimir ASME International Mechanical Engineering Congress and Exposition, Proceedings (IMECE) ; vol. 2 2024 / IMECE2024-143105, V002T03A073 ; 8 pages <https://doi.org/10.1115/IMECE2024-143105>

Development and utilization of synthetic signals for fault diagnostics of electrical machines

Raja, Hadi Ashraf; Kudelina, Karolina; Asad, Bilal; Vaimann, Toomas; Rassõlkin, Anton; Kallaste, Ants IEEE journal of emerging and selected topics in industrial electronics 2024 / 9 p <https://doi.org/10.1109/JESTIE.2024.3395650>

Development methodology for creating the digital twin for propulsion drive of an electric vehicle = Elektrisõiduki veoajami digitaalse kaksiku arendusmetoodika

Rjabtšikov, Viktor 2024 https://www.ester.ee/record=b5685462*est <https://digikogu.taltech.ee/et/Item/6cbd2dba-76a5-4931-a9f3-53b9d4d87c1e> <https://doi.org/10.23658/taltech.29/2024>

Development of a measurement system for estimation of local peripheral arterial stiffness parameters

Pilt, Kristjan; Karai, Deniss; Fridolin, Ivo 2024 19th Biennial Baltic Electronics Conference (BEC) 2024 / p. 1-5
<https://doi.org/10.1109/BEC61458.2024.10737944> [Article at Scopus](#) [Conference proceeding at Scopus](#) [Article at WOS](#)

Development of a transferable microfluidic droplet generator = Ülekantava mikrovedelik-tilkade generaatori arendus
Jõemaa, Rauno 2024 https://www.ester.ee/record=b5698969*est <https://doi.org/10.23658/taltech.46/2024>
<https://digikogu.taltech.ee/et/Item/afb53063-1f89-4971-8758-142772e697dd>

Development of an AR-based application for assembly assistance and servicing
Mahmood, Kashif; Pizzagalli, Simone Luca; Otto, Tauno; Symotiuk, Ivan Procedia CIRP 2024 / p. 638-643
<https://doi.org/10.1016/j.procir.2024.04.017> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Development of an AR-based application for assembly assistance and servicing
Mahmood, Kashif; Pizzagalli, Simone Luca; Otto, Tauno; Symotiuk, Ivan 34th CIRP Design Conference CIRP2024, 3-5 June 2024, Cranfield University, UK : [programme] 2024 / 1 p <https://cranfield.shorthandstories.com/cirp-2024/index.html>

Development of an axial flux SRM through additive manufacturing
Hussain, Shahid; Kallaste, Ants; Naseer, Muhammad Usman; Tiismus, Hans; Vaimann, Toomas 2024 International Conference on Electrical Machines (ICEM) 2024 / 6 p <https://doi.org/10.1109/ICEM60801.2024.10700569>

Development of applications for high-field non-hydrogenative parahydrogen induced hyperpolarization for the analysis of biological fluids with nuclear magnetic resonance spectroscopy = Paravesinikul põhineva mittehüdrogeeniva hüperpolarisatsiooni-meetodi rakenduste arendamine bioloogiliste vedelike analüüsiks kõrges magnetväljas
Reimets, Nele 2024 https://www.ester.ee/record=b5711180*est <https://digikogu.taltech.ee/et/Item/87c91b10-55d7-4eb9-80d3-07e3c91774d8>
<https://doi.org/10.23658/taltech.64/2024>

Development of bio-based nonwoven materials from post-consumer textile waste
Rahman, Md Toufiqur; Kaljus, Astri; Plamus, Tiia Baltic polymer symposium 2024 : book of abstracts 2024 / p. 65
<https://doi.org/10.5755/e01.3030-1378.2024>

The development of electro-organocatalytic enantioselective cascade Michael reaction
Krech, Anastasiya; Laktsevich-Iskryk, Marharyta; Ošeka, Maksim Balticum Organicum Synthetium (BOS 2024) : Book of Abstracts 2024 / p. 78 https://boschem.eu/bos2024/wp-content/uploads/sites/5/2024/07/BOS2024_Abtract-Book.pdf

Development of emerging technology-driven NordPlus competence network in the Baltic and Nordic regions
Kunicina, Nadezhda; Bruzgien, Rasa; Narbutaite, Lina; Rassõlkin, Anton; Mohamed, Mahmoud Ibrahim Hassanin; Balandin, Sergey 2024 35th Conference of Open Innovations Association (FRUCT) : proceedings Proceedings of the 2024 / p. 407-412 : ill
<https://doi.org/10.23919/FRUCT61870.2024.10516359>

Development of experimental set-up for the investigation of photoelectric response of the pyroelectric crystal to short pulses of the Hg(Xe) lamp
Podgurski, Vitali; Land, Raul; Bogatov, Andrei; Vlasov, A.; Nagorny, A.; Tiik, K. Journal of optoelectronics and advanced materials 2024 / p. 243 - 245 <https://joam.inoe.ro/articles/development-of-experimental-set-up-for-the-investigation-of-photoelectric-response-of-the-pyroelectric-crystal-to-short-pulses-of-the-hgxe-lamp/fulltext> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Development of in situ high resolution NMR: Proof-of-principle for a new (spinning) cylindrical mini-pellet approach applied to a Lithium ion battery
Mohammad, Irshad; Cambaz, Musa Ali; Samoson, Ago; Fichtner, Maximilian; Witter, Raiker Solid state nuclear magnetic resonance 2024 / art. 101914 <https://doi.org/10.1016/j.ssnmr.2023.101914> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Development of oxidation technology in water treatment : pulsed corona discharge plasma combined with peroxocompounds = Oksüdatsioonitehnoloogia arendamine veepuhastuses : peroksoühenditega kombineeritud impulss koroona elektrilahendus
Nikitin, Dmitri 2024 https://www.ester.ee/record=b5693232*est <https://doi.org/10.23658/taltech.38/2024>
<https://digikogu.taltech.ee/et/Item/9db5662a-18c4-4b91-b18c-52b55d227f0b>

Development of potent microtubule targeting agent by structural simplification of natural diazonamide
Kalnins, Toms; Vitkovska, V.; Kazak, M.; Zelencova-Gopejenko, D.; Ozola, M.; Narvaiss, N.; Makrecka-Kuka, M.; Domračeva, I.; Konrad, Nele; Aav, Riina Journal of medicinal chemistry 2024 / p. 9227-9259 <https://doi.org/10.1021/acs.jmedchem.4c00388> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Development of prefabricated additional insulation elements for the renovation of high-rise apartment buildings
Pihelo, Peep; Kalamees, Targo Journal of sustainable architecture and civil engineering 2024 / p. 8-22
<https://doi.org/10.5755/j01.sace.35.2.35422>

Development of prefabricated additional insulation elements for the renovation of high-rise apartment buildings

Pihelo, Peep; Kalamees, Targo 5th International Conference Forum Wood Building Baltic : 26-28 February 2024, Tallinn, Estonia : proceedings 2024 / p. 98-99 : ill <https://digikogu.taltech.ee/et/Item/22318c67-e0ef-42f1-88c7-34c9d9677b17>
https://www.ester.ee/record=b5668645*est

Development of process optimization model for autonomous mobile robot used in production logistics

Majak, Jüri; Karjust, Kristo; Mahmood, Kashif; Hermaste, Aigar; Raamets, Tõnis AIP conference proceedings 2024 / art. 020008 <https://doi.org/10.1063/5.0189299> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Development of realtime co-simulation platform harnessing consumer energy flexibility through an aggregator to provide grid support

Shabbir, Noman; Ahmadihangar, R; Rosin, Argo; Kilter, Jako; Martins, Joao IEEE Transactions on Consumer Electronics 2024 <https://doi.org/10.1109/TCE.2024.3470241>

Development of semi-transparent Sb|SI solar cells with fluorene-based compounds as hole transport materials =

Poolläbipaistvate Sb|SI päikesepatareide arendus : fluoreenipõhised ühendid aukude transportkihi materjalina

Juneja, Nimish 2024 https://www.ester.ee/record=b5712253*est <https://digikogu.taltech.ee/et/Item/f10c197f-3140-40cb-97c6-64a4670d4d1b>
<https://doi.org/10.23658/taltech.68/2024>

Development of spray pyrolysis-synthesised Bi₂O₃ thin films for photocatalytic applications

Sydorenko, Jekaterina; Krunks, Malle; Katerski, Atanas; Grzibovskis, Raitis; Vembris, Aivars; Mere, Arvo; Spalatu, Nicolae; Oja Acik, Ilona RSC advances 2024 / p. 19648-19657 <https://doi.org/10.1039/D4RA02907K> [Journal metrics at Scopus](#) [Article at Scopus](#)
[Journal metrics at WOS](#) [Article at WOS](#)

Development of triangular nozzle backpressure sensors

Hindreus, Tiit; Reedik, Vello Socio-technical synergetics 2024 / p. 27-29 : ill https://www.ester.ee/record=b5651350*est

Developments and applications of IoT-based sensors for wastewater and drainage systems : editorial

Sitzenfrei, Robert; Annus, Ivar; Langeveld, Jeroen; Rieckermann, Jörg; Rauch, Wolfgang Water science and technology Water science & technology 2024 / p. 3-5 <https://doi.org/10.2166/wst.2024.058> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Developments in analytical chemistry initiated from green chemistry

Koel, Mihkel Sustainable Chemistry for the Environment 2024 / art.100078 <https://doi.org/10.1016/j.scenv.2024.100078> [Journal metrics at Scopus](#) [Article at Scopus](#)

Developments towards deriving realistic dynamic topography by synergizing high-resolution geoid with sea level data =

Merepinna realistliku dünaamilise topograafia saavutamise täppisgeoidi ja meretaseme andmestike kooskasutamisel

Jahanmard, Vahidreza 2024 https://www.ester.ee/record=b5649955*est <https://digikogu.taltech.ee/et/Item/3cfc4a1d-ff3c-4366-b26b-86571453f628> <https://doi.org/10.23658/taltech.3/2024>

DEXPLORE Horizon EU project: Investigation of CRM potential of Estonian basement

Graul, Sophie Jane Marie-Pascale Huguette; Nirgi, Siim; Soesoo, Alvar; Solano-Acosta, Juan-David; Hints, Rutt; Hands, Tony; HernandezIMoreno, Catalina Lithosphere 2024 / p. 29-32 <https://doi.org/10.13140/RG.2.2.18365.47840>
<https://www.seismo.helsinki.fi/pdf/Lito2024.pdf>

A DFT study of an organocatalytic enantioselective Mannich Reaction reveals that the enantiodetermining step is associated with the torsional degrees of freedom

Metsala, Andrus; Kriis, Kadri; Kaasik, Mikk; Kanger, Tõnis Balticum Organicum Syntheticum (BOS 2024) : Book of Abstracts 2024 / art. P83, p. 102 https://boschem.eu/bos2024/wp-content/uploads/sites/5/2024/07/BOS2024_Abstract-Book.pdf

A DFT-based approach for condition monitoring of switch-mode power converters

Kütt, Lauri; Tiivel, Tuuli; Parker, Martin; Valgur, Laur; Jarkovoi, Marek; Chub, Andrii 2024 IEEE 65th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2024 / 5 p
<https://doi.org/10.1109/RTUCON62997.2024.10830915>

Diagnostics analysis of partial discharge events of the power cables at various voltage levels using ramping behavior analysis method

Mishra, Sambeet; Singh, Praveen Prakash; Kiitam, Ivar; Shafiq, Muhammad; Palu, Ivo; Bordin, Chiara Electric power systems research 2024 / art. 109988 <https://doi.org/10.1016/j.epsr.2023.109988>

Diagrammatic algebra of first order logic

Bonchi, Filippo; Di Giorgio, Alessandro; Haydon, Nathan Joseph; Sobocinski, Pawel Maria LICS '24 : proceedings of the 39th Annual ACM/IEEE Symposium on Logic in Computer Science 2024 / art. 16, p. 1-15 : ill <https://doi.org/10.1145/3661814.3662078>
[Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Diagrammatic algebra of first order logic : [preprint]

Bonchi, Filippo; Di Giorgio, Alessandro; Haydon, Nathan Joseph; Sobocinski, Pawel Maria arXiv.org 2024 / 34 p. : ill

<https://doi.org/10.48550/arXiv.2401.07055>

Dialysis patients survival in HD centres from Belgium, Estonia, Spain, and Sweden—association with BMI and hypocalcemia

Holmar, Jana; Luman, Merike; Adoberg, Annika; **Leis, Liisi**; **Paats, Joosep**; Uhlin, Fredrik; Ortiz, Alberto; Gloerieux, Griet; Dhondt, Annemieke; **Pilt, Kristjan**; **Tanner, Risto**; **Fridolin, Ivo** Nephrology Dialysis Transplantation 2024 / p. i1456–i1457
<https://doi.org/10.1093/ndt/gfae069.885>

Dichroic absorption of aligned graphene-augmented inorganic nanofibers in the terahertz regime

Xenidis, Nikolaos; Przewloka, Aleksandra; Stelmaszczyk, Kamil; Haras, Maciej; Smirnov, Serguei; Krajewska, Aleksandra; **Ivanov, Roman**; **Hussainova, Irina**; Oberhammer, Joachim; Skotnicki, Tomas; Mierczyk, Zygmunt; Lioubtchenko, Dmitri Applied materials today 2024 / art. 102245 <https://doi.org/10.1016/j.apmt.2024.102245>

The diffusion and acceptance of electric vehicles: a policy perspective comparing California and Texas

Hammoda, Basel Osama Sayed Ahmed; Sandoval, Jan Digital entrepreneurship in science, technology and innovation 2024 / p. 44-65 <https://doi.org/10.4337/9781035311422.00009>

Digiauditi platvorm jõudis teadlastelt turule

Kuusk, Kalle; **Thalfeldt, Martin**; Preden, Jürjo-Sören; Peerna, Kristo Mente et Manu 2024 / lk. 46-47 : fot
https://www.ester.ee/record=b1242496*est

Digiprügi keskkonnajalajälg kasvab iga aastaga hüppeliselt

Piir, Rait novaator.err.ee 2024 [Digiprügi keskkonnajalajälg kasvab iga aastaga hüppeliselt](https://www.ester.ee/record=b1242496*est)

Digitaalne heaolu ja vaimne tervis

Leikop, Madli Õpetajate Leht 2024 / Lk. 6 <https://dea.digar.ee/article/opetajateleht/2024/01/30/8.1> Digitaalne heaolu ja vaimne tervis

Digital boundary spanning in the evolution of entrepreneurial ecosystems : a dynamic capabilities perspective

Marquardt, Leon; **Harima, Aki** Journal of Business Research 2024 / art. 114762 <https://doi.org/10.1016/j.jbusres.2024.114762> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Digital business foresight: Keyword-based analysis and CorEx topic modeling

Bzhalava, Levan; Kaivo-Oja, Jari; Hassan, Sohaib S. Futures 2024 / art. 103303 <https://doi.org/10.1016/j.futures.2023.103303> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A digital competence framework for learners (DCFL) : a conceptual framework for digital literacy

Hammoda, Basel Osama Sayed Ahmed; Foli, Samuel Knowledge management and E-learning 2024 / p. 477-500
<https://doi.org/10.34105/j.kmel.2024.16.022> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Digital competition law issues and interrelated aspects of law

Dutt, Pawan Kumar E-Governance in the European Union : strategies, tools, and implementation 2024 / p. 149–171 : ill
https://doi.org/10.1007/978-3-031-56045-3_11 https://www.ester.ee/record=b5703480*est

Digital public service improvement in cross-border use cases

Raamat, Helen; **Liiv, Innar**; **Lips, Silvia**; **Ahmed, Rozha Kamal**; **Sharma, Rahul**; **Draheim, Dirk** 37th Bled eConference – Resilience Through Digital Innovation: Enabling the Twin Transition: June 9 – 12, 2024, Bled, Slovenia, Conference Proceedings 2024 / p. 269–282 : ill <https://doi.org/10.18690/um.fov.4.2024.15>

Digital skills platform from Silicon Valley : training new generations using experiential learning principles

Winter Kurchik, Madison; **Hammoda, Basel Osama Sayed Ahmed** Contemporary entrepreneurship : global perspectives and cases 2024 / p. 41-50 <https://doi.org/10.4324/9781003371403-7> https://www.ester.ee/record=b5670538*est

Digital social initiatives : Europe connecting citizens with social transformation

Ramiro Troitino, David; **Mazur, Viktoria** E-Governance in the European Union : strategies, tools, and implementation 2024 / p. 71-85 https://doi.org/10.1007/978-3-031-56045-3_6 https://www.ester.ee/record=b5703480*est

Digital technology in entrepreneurship education : an overview of the status quo : chapter 6

Hammoda, Basel Osama Sayed Ahmed Digital transformation for entrepreneurship 2024 / p. 71-93
https://doi.org/10.1142/9789811270178_0006 https://www.ester.ee/record=b5676637*est

Digital transformation : artificial intelligence enablement in public services = Digisiire ja tehisintellekti rakenduseeldused avalikes teenustes

Dreyling III, Richard Michael 2024 https://www.ester.ee/record=b5701422*est <https://doi.org/10.23658/taltech.48/2024>
<https://digikogu.taltech.ee/et/Item/8f544e79-b898-426c-a008-9f6f352d44bb>

Digital transformation for entrepreneurship

2024 <https://doi.org/10.1142/13244> https://www.ester.ee/record=b5676637*est

Digital transformation for entrepreneurship : chapter 2

Durst, Susanne Digital transformation for entrepreneurship 2024 / p. 5-16 https://doi.org/10.1142/9789811270178_0002

Digital transformation framework for logistics service providers : A systematic literature review

Gülmez, Secil; Denktas-Sakar, Gül Handbook of digital innovation, transformation, and sustainable development in a post-pandemic era 2024 / p. 60-77 <https://doi.org/10.1201/9781003438748-4>

Digital twin based computational methods for XR applications = Digitaalkaksikute põhised arvutuslikud meetodid XR rakenduste jaoks

Alsaleh, Saleh Ragheb Saleh 2024 <https://doi.org/10.23658/taltech.15/2024> https://www.ester.ee/record=b5674508*est
<https://digikogu.taltech.ee/et/Item/557fefce-a06a-479b-bc30-70910085d23d>

Digital twin based learning from demonstration system for industrial robots

Bondarenko, Yevhen; Pizzagalli, Simone Luca; Kuts, Vladimir; Petlenkov, Eduard; Otto, Tauno ASME 2023 International Mechanical Engineering Congress and Exposition (IMECE2023) : proceedings. Vol. 3 2024 / art. IMECE2023-113240, V003T03A081 <https://doi.org/10.1115/IMECE2023-113240>

Digitalization, neofunctionalism, and integration in the European Union

Mazur, Viktoria; Ramiro Troitino, David E-Governance in the European Union : strategies, tools, and implementation 2024 / p. 7-22 https://doi.org/10.1007/978-3-031-56045-3_2 https://www.ester.ee/record=b5703480*est

Digitalizing micro-business in times of disruption : insight into innovative strategies in the Kazakh economy : chapter 12

Aguzzi, Tommaso Digital transformation for entrepreneurship 2024 / p. 195-213 https://www.ester.ee/record=b5676637*est

Digiõppe edendamise koolides – kelle roll ja vastutus?

Nanits, Mihkel Õpetajate Leht 2024 / lk. 11 <https://dea.digar.ee/article/opetajateleht/2024/09/17/11.3>

Dioxin concentrations and congener distribution in biomass ash from small to large scale biomass combustion plants

Ummik, Mari-Liis; Järvik, Oliver; Konist, Alar Environmental science and pollution research 2024 / p. 58946 - 58956
<https://doi.org/10.1007/s11356-024-35141-5> [Journal metrics at Scopus](#) [Article at Scopus](#)

Direct and indirect instruction in educational robotics: a comparative study of task performance per cognitive level and student perception

Andic, Branko; Maričić, Mirjana; Mumcu, Filiz; Prodromou, Theodosia; Leoste, Janika; Saimon, Musa; Lavicza, Zsolt Smart learning environments 2024 / art. 12 <https://doi.org/10.1186/s40561-024-00298-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Direct dating of deposition and rift-related alteration of fossil-barren red bed units in the North Sea

Hodgskiss, Malcolm S.W.; Roberts, Nick M.W.; Paiste, Päärn; Rameil, Niels; Hammer, Erik; Brunstad, Harald; Lepland, Aivo Journal of the Geological Society 2024 / art. jgs2023-052 <https://www.lyellcollection.org/doi/abs/10.1144/jgs2023-052>
<https://doi.org/10.1144/jgs2023-052> [Journal metrics at scopus](#) [Article at scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Dirigendid Edmar ja Karin Tuul: jõuga me poega muusikamaailma ei suru

Lutsar, Merilin; Tuul, Edmar; Tuul, Karin Õhtuleht 2024 / lk. 10-11 <https://dea.digar.ee/article/oh tuleht/2024/04/24/9.3>

Dirigent Edmar Tuul seisab lipipääsetavuse eest. „Kurdid kutsuti 5miinuse kontserdile, kuid neile tõlgiti vaid üks laul. Justkui hea kavatsus, aga...”

Kuulpak, Kadri ohtuleht.ee 2024 [Dirigent Edmar Tuul seisab lipipääsetavuse eest.](#)

Discovering the hidden string connecting knowledge risks and the digital entrepreneurial ecosystem : chapter 5

Foli, Samuel Digital transformation for entrepreneurship 2024 / p. 51-70 : ill https://www.ester.ee/record=b5676637*est

Discovery of trimerellide brachiopod Gasconsia from the Ordovician of Estonia

Hints, Linda; Rong, Jiayu Estonian journal of earth sciences 2024 / p. 124-133 : ill <https://doi.org/10.3176/earth.2024.12>

Disrupt, decouple, rebuild: Identity de- and re-construction of refugee entrepreneurs

Rugina, Sanita; Harima, Aki Academy of Management proceedings 2024 / art. 15080 <https://doi.org/10.5465/AMPROC.2024.280bp>
[Conference proceedings at Scopus](#) [Article at Scopus](#)

Distributed optimal storage strategy in the ADMM-based peer-to-peer energy trading considering degradation cost

Han, Binghui; Zahraoui, Younes; Mubin, Marizan; Mekhilef, Saad; Korötko, Tarmo; Alshammari, O. Journal of energy storage 2024 / art. 112651 <https://doi.org/10.1016/j.est.2024.112651>

Do balanced budget practices of U.S. states make sense? Alternatives from the Eurozone

Douglas, James W.; Raudla, Ringa Journal of public budgeting accounting & financial management 2024 / p. 217-233

<https://doi.org/10.1108/JPBAFM-09-2023-0168> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Do individuals expect the Phillips curve? Evidence from the European consumer expectations survey

Kirpson, Gerda; Staehr, Karsten Economics letters 2024 / art. 111430 <https://doi.org/10.1016/j.econlet.2023.111430> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Documenting and analysing business-and operational risks

Kangilaski, Taivo; Kaugerand, Jaanus 2024 Tenth International Conference on eDemocracy & eGovernment (ICEDEG) 2024

<https://doi.org/10.1109/ICEDEG61611.2024.10702076> [Article at Scopus](#)

Does serendipity enhance recommendation quality? Measuring accuracy and beyond-accuracy objectives of serendipitous POI suggestions

Ben Sassi, Imen; Järv, Priit; Ben Yahia, Sadok 27th European Conference on Artificial Intelligence, 19-24 October 2024, Santiago de Compostela, Spain - Including 13th Conference on Prestigious Applications of Intelligent Systems (PAIS 2024) 2024 / p. 3096–3103 : ill <https://doi.org/10.3233/FAIA240852> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Doktorant Inge Varik: leian, et naise viljakuse uurimine on meie rahva püsimajäämise seisukohalt äärmiselt oluline

Varik, Inge Võrumaa Teataja 2024 / lk. 6 <https://dea.digar.ee/article/vorumaaateataja/2024/12/05/10.1>

Doktorant loob Kuu peal leiduvatest materjalidest päikesepaneel

Saar, Sandra novaator.err.ee 2024 [Doktorant loob Kuu peal leiduvatest materjalidest päikesepaneel](#)

Doktorid 2024 / Tallinna Tehnikaülikool

2024 https://www.ester.ee/record=b4535112*est

Doktorikraad materjalitehnoloogia valdkonnas aitab lahendada tekstiilijäätmete probleemi

Plamus, Tiia digi.genius.ee 2024 [Doktorikraad materjalitehnoloogia valdkonnas aitab lahendada tekstiilijäätmete probleemi](#)

Doktoritöö pakkus välja nutilahenduse lärmakate ummikute vastu

novaator.err.ee 2024 [Doktoritöö pakkus välja nutilahenduse lärmakate ummikute vastu](#) <https://digikogu.taltech.ee/et/Item/9eeebbb0-87bf-4171-bc94-0a0dcf74e9fb>

Doktoritöö pakub lahenduse põlevkivitööstuse süsinikuheitmete vähendamiseks

Baqain, Mais Hanna Suleiman novaator.err.ee 2024 [Doktoritöö pakub lahenduse põlevkivitööstuse süsinikuheitmete vähendamiseks](#) <https://digikogu.taltech.ee/et/Item/0fdc7a64-d5bc-4310-aec2-88bfd867bce9>

Doktoritöö pakub võimalusi Läänemerele reostusetorje tõhustamiseks

Kalmus, Kertu novaator.err.ee 2024 <https://novaator.err.ee/1609547941/doktoritoo-pakub-voimalusi-laanemerele-reostusetorje-tohustamiseks> <https://digikogu.taltech.ee/et/Item/0fc8b005-bd63-4a8d-a934-e89ec4d690be>

Doktoritöö: mullast saab haruldased muldmetallid kätte segaviljelusega

Harrik, Airika novaator.err.ee 2024 [Doktoritöö: mullast saab haruldased muldmetallid kätte segaviljelusega](#) <https://digikogu.taltech.ee/et/Item/ae5a3629-d857-411e-86d5-9778767e7f64>

Doktoritöö: satelliitide turvalisus on jäänud ohtlikult vaeslapse ossa

Harrik, Airika; Carlo, Antonio novaator.err.ee 2024 [Doktoritöö: satelliitide turvalisus on jäänud ohtlikult vaeslapse ossa](#) <https://digikogu.taltech.ee/et/Item/ae5a3629-d857-411e-86d5-9778767e7f64> <https://doi.org/10.23658/taltech.32/2024>

Doktoritöö: vaimse tervise digiabi takerdus Eestis tabude ja ajastuse taha

Harrik, Airika novaator.err.ee 2024 [Doktoritöö: vaimse tervise digiabi takerdus Eestis tabude ja ajastuse taha](#) <https://digikogu.taltech.ee/et/Item/8c38b3ae-9f7e-492a-9b5a-42abae0e98f2>

Doktoritööd

Mente et Manu 2024 / lk. 68-69 ; 2, lk. 68-69 ; 4, lk. 60-61 https://www.ester.ee/record=b1242496*est

Doktoriõpe annab võimaluse siseneda maailmamuutjate kogukonda

Alvela, Ain Magnaat : edukate ettevõtjate lood : [Eesti Ekspressi ajakiri] 2024 / Lk. 33 [Doktoriõpe annab võimaluse siseneda maailmamuutjate kogukonda](#)

Dokumentaalfilm Eesti inseneride väljakutsuvast seiklusest nägi ilmavalgust

Veedla, Alice postimees.ee 2024 [Dokumentaalfilm Eesti inseneride väljakutsuvast seiklusest nägi ilmavalgust](#)

Donald Trump kohtas Kamala Harrist - kuvandite debatt Philadelphias

Mölder, Holger Arvamus, kultuur : [ajalehe Postimees lisa] 2024 / lk. 27 <https://dea.digar.ee/article/ak/2024/09/14/5.2>

Dopant-free fluorene based dimers linked with thiophene units as prospective hole transport materials for Sb₂S₃ solar cells

Juneja, Nimish; Jegorove, Aiste; Grzibovskis, Raitis; **Katerski, Atanas**; Malinauskas, Tadas; Vembris, Aivars; Karazhanov, Smagul; **Spalatu, Nicolae**; Getautis, Vytautas; **Krunks, Malle**; **Oja Acik, Ilona** Sustainable Energy & Fuels 2024 / p. 4324-4334
<https://doi.org/10.1039/D4SE00472H> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Downward migrating microplastics in lake sediments are a tricky indicator for the onset of the Anthropocene

Dimante-Deimantovica, Inta; Saarni, Saija; Barone, Marta; **Buhhalko, Natalja**; **Stivrinš, Normunds**; Suhareva, Natalija; Tylmann, Wojciech; Vianello, Alvise; Vollertsen, Jes Science advances 2024 / art. eadi8136 <https://doi.org/10.1126/sciadv.adi81>

Dr Viiv Tuulik 85

Eesti Arst 2024 / lk. 218 https://www.ester.ee/record=b1072028*est <https://dea.digar.ee/article/AKeestiart/2024/04/0/13.2>

Dr-Ing. Lembit Kommel : biograafia. Bibliograafia

2024 https://www.ester.ee/record=b5677855*est

Drivers of fintech policy evolution: the role of policy learning and institutions

Raudla, Ringa; **Juuse, Egert**; **Kuokštis, Vytautas**; **Cepilovs, Aleksandrs**; **Ylönen, Matti** Policy & Politics 2024 / 22 p
<https://doi.org/10.1332/03055736Y2024D000000042>

Droop control with incorporated dead zone for indirect energy management in DC nanogrids

Roasto, Indrek; **Blinov, Andrei**; **Vinnikov, Dmitri** 2024 IEEE 21st International Power Electronics and Motion Control Conference (PEMC) 2024 / 6 p <https://doi.org/10.1109/PEMC61721.2024.10726394>

A DSP-based multichannel EBI measurement device

Abdullayev, Anar; **Rist, Marek**; **Krivošei, Andrei**; **Metshein, Margus**; **Land, Raul**; **Märtens, Olev** 2024 IEEE International Instrumentation and Measurement Technology Conference (I2MTC) : proceedings 2024
<https://doi.org/10.1109/I2MTC60896.2024.10560714>

Dual engagement of the nucleosomal acidic patches is essential for deposition of histone H2A.Z by SWR1C

Baier, Alexander S.; Gioacchini, Nathan; **Eek, Priit**; Leith, Erik M.; Tan, Song; Peterson, Craig L. eLife 2024 / art. RP94869
<https://doi.org/10.7554/eLife.94869.3>

Dual engagement of the nucleosomal acidic patches is essential for deposition of histone H2A.Z by SWR1C

Baier, Alexander S.; Gioacchini, Nathan; **Eek, Priit**; Leith, Erik M.; Tan, Song; Peterson, Craig L. BioRxiv 2024 / 56 p
<https://doi.org/10.1101/2021.12.08.471801>

Dual-purpose dc-dc/ac PWM modular power converter as grid-forming unit in a droop-controlled ac nanogrid

Roncero-Clemente, Carlos; Escalona, Javier-Gutiérrez; **Matiuskhin, Oleksandr**; Pires, V. Fernão; Milanés-Montero, María Isabel; **Romero-Cadaval, Enrique** IECON Proceedings (Industrial Electronics Conference) IECON 2024 - 50th Annual Conference of the IEEE Industrial Electronics Society 2024 / 6 p <https://doi.org/10.1109/IECON55916.2024.10906022> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Dye-decolorizing peroxidase of Streptomyces coelicolor (ScDyPB) exists as a dynamic mixture of kinetically different oligomers

Pupart, Hegne; Vastšjonok, Darja; **Lukk, Tiit**; Väljamäe, Priit ACS Omega 2024 / p. 3866-3876 : ill
<https://doi.org/10.1021/acsomega.3c07963> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Dye-decolorizing peroxidase of Thermobifida halotolerance displays complex kinetics with both substrate inhibition and apparent positive cooperativity

Pupart, Hegne; **Lukk, Tiit**; Väljamäe, Priit Archives of biochemistry and biophysics 2024 / art. 109931, 11 p. : ill
<https://doi.org/10.1016/j.abb.2024.109931> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The dynamic interplay between economic crisis and health: Insights from the COVID-19 pandemic and the 2008 financial crisis

Khalid, Sadia The European Sting 2024 [The dynamic interplay between economic crisis and health: Insights from the COVID-19 pandemic and the 2008 financial crisis](#)

Dynamic motion analysis of stepless and stepped planing hulls in random waves: a CFD model perspective

Niazmand Bilandi, Rasul; Tavakoli, Sasan; Mancini, Simone; Dashtimanesh, Abbas Applied Ocean Research 2024 / art. 104046
<https://doi.org/10.1016/j.apor.2024.104046>

Dynamics of axially graded nanobeams with follower force effect

Arda, Mustafa; **Mehrparvar, Marmar**; **Karjust, Kristo** International Conference of Numerical Analysis and Applied Mathematics ICNAAM2022 : Heraklion, Freece, 19-25 September 2022 2024 / art. 230005 <https://pubs.aip.org/aip/acp/article-abstract/3094/1/230005/3297087/Dynamics-of-axially-graded-nanobeams-with-follower> <https://doi.org/10.1063/5.0210131> [Conference](#)

[proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Dynamics of digital change – measuring the digital transformation and its impacts on the innovation activities of SMEs
Escobarragan, Kevin; Hassan, Sohaib S.; Meisner, Konrad; **Bzhalava, Levan** European journal of innovation management 2024 / 24 p <https://doi.org/10.1108/EJIM-05-2023-0432>

Dynamics of flight of the fragments with higher order Haar wavelet method
Kivistik, Lenart; Mehrparvar, Marmar; Eerme, Martin; Majak, J Proceedings of the Estonian Academy of Sciences 2024 / p. 108-115 <https://doi.org/10.3176/proc.2024.2.02>

Earliest styliolinids from the Wenlock of Saaremaa Island (Estonia) : paleoecological and evolutionary implications
Vinn, Olev; Alkahtane, Abdullah A.; Hedeny, Magdy El; Farraj, Saleh Al; **Toom, Ursula** Palaeoworld 2024 / p. 899-904 : ill., map
<https://doi.org/10.1016/j.palwor.2023.09.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Early Silurian climate changes on Baltica and South China – a sedimentological, bio- and chemostratigraphic framework
Lehnert, Oliver; Yan, Guanzhou; Meinhold, Guido; Joachimski, Michael M.; Calner, Mikael; **Männik, Peep**; Fryda, Jiri; Gong, Fangyi; Wu, Rongchang XI Baltic Stratigraphical Conference : abstracts and field guide 2024 / p. 20 https://www.ester.ee/record=b5696260*est
<https://files.geocollections.info/b841fb65-bf67-43b6-9a62-8793a4452002.pdf>

Early Silurian crinoid diversification on Baltica : Euspirocrinus varbolaensis sp. nov
Ausich, William I.; Wilson, Mark A.; Toom, Ursula Estonian journal of earth sciences 2024 / p. 37-44 : ill
<https://doi.org/10.3176/earth.2024.05>

EARLY: a tool for real-time security attack detection
Ahmad, Tanwir; Truscan, Dragos; **Vain, Jüri** CyberSecurity in a DevOps Environment: From Requirements to Monitoring 2024 / p. 225-251 https://doi.org/10.1007/978-3-031-42212-6_8 [Article at Scopus](#)

Easõbralik linn poeb Eestisse: Põhjamaade eksperdid selgitavad, mida see tähendama peaks
geenius.ee 2024 [Easõbralik linn poeb Eestisse: Põhjamaade eksperdid selgitavad, mida see tähendama peaks](#)

EBSI investigation of microstructure and microtexture evolution on additively manufactured TiC-Fe based cermets—Influence of multiple laser scanning
Maurya, Himanshu Singh; Vikram, R. J.; Kumar, Rahul, 1993-; Rahmani Ahranjani, Ramin; Juhani, Kristjan; Sergejev, Fjodor; Prashanth, Konda Gokuldoss Micron 2024 / art. 103613 <https://doi.org/10.1016/j.micron.2024.103613> [Journal metrics at Scopus](#)
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Eccentricity effects on the supermassive black hole gravitational wave background
Raidal, Juhan; Urrutia, Juan; Vaskonen, Ville; Veermäe, Hardi Astronomy and astrophysics 2024 / art. A212
<https://doi.org/10.1051/0004-6361/202451345> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

ECG classification with event-driven sampling
Saeed, Maryam; **Märtens, Olev**; Larras, Benoit; Frappe, Antoine; John, Deepu; Cardiff, Barry IEEE Access 2024 / p. 25188-25199
<https://doi.org/10.1109/ACCESS.2024.3364115> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Economic aspects of mechanical pre-treatment's role in precious metals recovery from electronic waste
Blumbergs, Ervins; Shishkin, Andrei; Markus, Karlis; Serga, Vera; **Goljandin, Dmitri; Klauson, Artur**; Abramovskis, Vitalijs; Baroninš, Janis; Zarkov, Aleksej; Pankratov, Vladimir Metals 2024 / art. 95 <https://doi.org/10.3390/met14010095> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Economic growth, current account dynamics and growth regimes in the Baltic States
Staehr, Karsten Journal of baltic studies 2024 / 20 p <https://doi.org/10.1080/01629778.2024.2336239>

Economic perspectives of twin-transition : low-carbon production and inclusive digitalization = Rohe-digipöörde majanduslikud perspektiivid : madala süsinikheitega tootmine ja kaasav digitaliseerimine
Saia, Artjom 2024 https://www.ester.ee/record=b5676148*est <https://digikogu.taltech.ee/et/Item/f3804ab1-98db-4047-99d5-609a71069385>
<https://doi.org/10.23658/taltech.17/2024>

An economical optimization for the participation of a residential microgrid in flexibility markets providing ancillary services
Alvi, Anas Abdullah; Gonzalez-Romera, Eva; Romero-Cadaval, Enrique; **Vinnikov, Dmitri**; Milanes-Montero, Maria Isabel; Barrero-Gonzalez, Fermin 2024 IEEE 18th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2024 / 6 p <https://doi.org/10.1109/CPE-POWERENG60842.2024.10604394>

Ecosystem orchestration : Unpacking the leadership capabilities of anchor organizations in nascent entrepreneurial ecosystems
Harima, Aki; Harima, Jan; Freiling, Jörg Entrepreneurship theory and practice 2024 / p. 1404-1450

<https://doi.org/10.1177/10422587241241824> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Ecotoxicity assessment of ashes from calcium-rich fuel combustion: contrasting results and regulatory implications
Ummik, Mari-Liis; Järvik, Oliver; Reinik, Janek; Konist, Alar Environmental science and pollution research 2024 / p. 48523-48533
<https://doi.org/10.1007/s11356-024-34387-3> Journal metrics at Scopus Article at Scopus

ECS an endeavor towards providing similar cache reliability behavior in different programs
Ahmadilivani, Mohammad Hasan; Jahromi, Mohammad Moeini; Salehi, Mostafa E.; Kargar, Mona Microelectronics Reliability 2024 / art. 115295 <https://doi.org/10.1016/j.microrel.2023.115295> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

E-democracy and internet access in EU law : Strengthening democratic participation in the digital age
Kocharyan, Hovsep; Hamulak, Ondrej; Vardanyan, Lusine International and comparative law review 2024 / p. 106-123
<https://doi.org/10.2478/iclr-2024-0020>

Editorial : consultants and public management reforms
Ylönen, Matti; Raudla, Ringa; Kuusela, Hanna Public money & management 2024 / 5 p <https://doi.org/10.1080/09540962.2024.2442209>
Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Editorial: Air-sea interaction and oceanic extremes
Wu, Lichuan; Song, Jinbao; Esters, Leonie; Alari, Victor Frontiers in Marine Science 2024 / art. 1522866
<https://doi.org/10.3389/fmars.2024.1522866> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Editorial: Debts, deficits, and inflation : prescriptions for the future
Raudla, Ringa; Douglas, James W. Journal of public budgeting accounting & financial management 2024 / p. 195-199
<https://doi.org/10.1108/JPBAFM-04-2024-206>

Editorial: Trustworthy AI for healthcare
Agafonov, Oleg; Babic, Aleksandar; Da Costa Sousa, Sonia Claudia; Alagaratnam, Sharmini Frontiers in Digital Health 2024 / art. 1427233 <https://doi.org/10.3389/fdgth.2024.1427233> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Educational commons facilitating student voice : an ethnographic approach
Moreno-Romero, Charlie; Enn, Üily; Sawani, Stamatia; Pantazis, Alexandros Education 3-13 : International journal of primary, elementary and early years education 2024 / 20 p. : ill <https://doi.org/10.1080/03004279.2024.2331952> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Edukad ärid ja suured kasuminumbrid. Piilu Eesti tuntumate rahatarkuse edendajate taskutesse
geenius.ee 2024 [Edukad ärid ja suured kasuminumbrid. Piilu Eesti tuntumate rahatarkuse edendajate taskutesse](https://www.geenius.ee/record=b5685380*est)

EERO TalTech stipendiaat
Luik, Ene Christina; Tammark, Mari Ann Eesti Elu : [Kanada ajaleht] 2024 / lk. 3 <https://eestielu.ca/et/eero-taltech-stipendiaat/>

Eessõna
Elken, Jüri; Lips, Urmas; Keevallik, Sirje; Lips, Inga; Raudsepp, Urmas Füüsikaline okeanograafia. Läänemeri [Võrguteavik] 2024 / lk. 7-8 https://www.ester.ee/record=b5685380*est <https://digikogu.taltech.ee/et/Item/795174de-f66a-4cf4-9147-9fcae292bfb0>

[Eessõna]
Land, Tiit Tallinna Tehnikaülikooli majandusaasta aruanne 2023 2024 / lk. 5 : portr https://www.ester.ee/record=b5263625*est

Eessõna
Puura, Erik Kliimast, geoloogiast, ringmajandusest ja ajaloost 2024 / lk. 5 https://www.ester.ee/record=b5673955*est
<https://kirjandus.geoloogia.info/reference/49028>

Eesti 2030 võimalus: vajame investeeringuid ja inimesi
Dib Dias, Ana Carolina digi.geenius.ee 2024 [Eesti 2030 võimalus: vajame investeeringuid ja inimesi](https://www.geenius.ee/record=b1242496*est) [Eesti 2030 võimalus: vajame investeeringuid ja inimesi](https://www.geenius.ee/record=b1242496*est)

Eesti 2032 võimalus : vajame investeeringuid ja inimesi
Dib Dias, Ana Carolina Mente et Manu 2024 / lk. 52-53 : fot https://www.ester.ee/record=b1242496*est

Eesti aasta merenduseettevõtteks kuulutati BLRT Grupp
ari.geenius.ee 2024 [Eesti aasta merenduseettevõtteks kuulutati BLRT Grupp](https://www.geenius.ee/record=b1242496*est)

Eesti ainus võimalus on teadusel põhinev tööstus
Saarma, Mart Mente et Manu 2024 / lk. 21-23 : fot https://www.ester.ee/record=b1242496*est

Eesti akadeemik püüdis laboris kulda valmistada : Akadeemikust alkeemik Aleksander Poleštšuk üritas Tartu Ülikooli teadlaste silme all elavhõbedast kulda teha

Erelt, Pekka ekspress.delfi.ee 2024 <https://ekspress.delfi.ee/artikkel/120339970/eesti-akadeemik-puudis-laboris-kulda-valmistada>
<https://digikogu.taltech.ee/et/Search/Items?registerValueIds=753302&yearfrom=1933&year=1933>

Eesti avamere tuuleparkide meresõiduohutuse riskihindamise kriteeriumid

Zaitseva-Pärnaste, Inga; Süsmalainen, Kert; Keskküla, Pärtel Teejuht : maal, vees ja õhus : Transpordiameti digiajakiri 2024 / lk. 18-23 : ill <https://digiajakiri.transpordiamet.ee/view/434325528/14/>

Eesti Biomeditsiinitehnika ja Meditsiinifüüsika Ühing = The Estonian Society for Biomedical Engineering and Medical Physics

Lass, Jaanus; Nazarenko, Sergei; Hinrikus, Hiie; Holmar, Jana Tervisetehnoloogiad eile, täna, homme : 30 aastat Tervisetehnoloogiate instituuti ning Eesti Biomeditsiinitehnika ja Meditsiinifüüsika Ühingu = Health technologies yesterday, today and tomorrow : 30 years of the Department of Health Technologies and the Estonian Society for Biomedical Engineering and Medical Physics 2024 / lk. 13-15, p. 13-15 : ill

Eesti ehitusettevõtted on tehaselises renoveerimises olümpiavõitjad

ehitusleht.ee 2024 [Eesti ehitusettevõtted on tehaselises renoveerimises olümpiavõitjad](https://ehitusleht.ee/et/News/2024/06/24/eesti-ehitusettevotted-on-tehaselises-renoveerimises-olimpiavoitjad)

Eesti elektri tarbimiskaja ja tootva tarbimise simulatsioonianalüüs : uuringuaruanne

Kisel, Einari; Kuhi-Thalfeldt, Reeli; Agabus, Hannes; Veskiõja, Kaija 2024 https://arenguseire.ee/wp-content/uploads/2024/06/2024_eesti-elektri-tarbimiskaja-ja-tootva-tarbimise-simulatsioonianaluus_uuring.pdf

Eesti energeetika veteranide mälestusi. III raamat

2024 https://www.ester.ee/record=b5728598*est

Eesti Energia 85! : AS Elektri keskuse loomine

Metusala, Tiit Elektriala 2024 / lk. 24-27 kaart., fot https://www.ester.ee/record=b1240496*est

Eesti Energia 85! : kuidas "Elektrikeskusest" sai "Eesti Energia"

Hein, Kalju; Metusala, Tiit Elektriala 2024 / lk. 22-25 : fot., portr https://www.ester.ee/record=b1240496*est

Eesti Energia juht soovitas kaaluda fosforiidi kaevandamist

err.ee 2024 [Eesti Energia juht soovitas kaaluda fosforiidi kaevandamist](https://err.ee/et/News/2024/06/24/eesti-energia-juht-soovitas-kaaluda-fosforiidi-kaevandamist)

Eesti Energia kohal ripub keskkonnakuriteo kahtlus

Karnau, Andrus Postimees 2024 / Lk. 10-11 [https://dea.digar.ee/article/postimees/2024/12/03/10.8 Eesti Energia kohal ripub keskkonnakuriteo kahtlus](https://dea.digar.ee/article/postimees/2024/12/03/10.8_Eesti_Energia_kohal_ripub_keskkonnakuriteo_kahtlus)

Eesti Energia rajab Ida-Virumaale rohelisse tulevikku sobituvat keemiatööstust

TööstusEST 2024 / lk. 50-51 https://www.ester.ee/record=b4481084*est

Eesti fosforiiti ei saa veel uurida, sest sobivat laborit pole leitud

Sikk, Rein Maaleht 2024 <https://dea.digar.ee/article/maaleht/2024/12/12/8.1>

"Eesti hariduse seltsi asutamine Kohtla-Järvel oli nagu miniärkamisaeg"

Sommer-Kalda, Sirle Põhjarannik 2024 / lk. 4 <https://dea.digar.ee/article/pohjarannik/2024/08/01/6.1>

Eesti hariduse tähendusrikas lähiajalugu

Soomere, Tarmo Sirp 2024 <https://sirp.ee/s1-artiklid/c21-teadus/eesti-hariduse-tahendusrikas-lahiajalugu/>

Eesti hüdrogeoloogilised uurimised 1691-2021

Vallner, Leo Klimast, geoloogiast, ringmajandusest ja ajaloost 2024 / lk. 95-128 https://www.ester.ee/record=b5673955*est
<https://kirjandus.geoloogia.info/reference/49117>

Eesti iduettevõtte ÄIO sai investoritelt demotehase ehituseks kuus miljonit eurot

arileht.delfi.ee 2024 [Eesti iduettevõtte ÄIO sai investoritelt demotehase ehituseks kuus miljonit eurot](https://arileht.delfi.ee/et/News/2024/06/24/eesti-iduettevotte-aiio-sai-investoritelt-demotehase-ehituseks-kuus-miljonit-eurot)

Eesti inimene võtab uue tehisarulahenduse vastu sakslasest soojemalt

Harrik, Airika novaator.err.ee 2024 [Eesti inimene võtab uue tehisarulahenduse vastu sakslasest soojemalt](https://novaator.err.ee/et/News/2024/06/24/eesti-inimene-votab-uu-tehisaru-lahenduse-vastu-sakslasest-soojemalt)

Eesti insener pani püsti tarkvaraäri, mida juhib tehisaruga

Einama, Kaido postimees.ee 2024 [Eesti insener pani püsti tarkvaraäri, mida juhib tehisaruga](https://postimees.ee/et/News/2024/06/24/eesti-insener-pani-pusti-tarkvaraari-mida-juhib-tehisaruga)

Eesti IT-firma töötaja sai riigilt pea miljoni e-hääletamise turvalisuse uurimiseks

Kald, Indrek ituudised.ee 2024 [Eesti IT-firma töötaja sai riigilt pea miljoni e-hääletamise turvalisuse uurimiseks](#)

Eesti kodusid kimbutab liiga kõrge CO2 tase

Piir, Rait novaator.err.ee 2024 [Eesti kodusid kimbutab liiga kõrge CO2 tase](#)

Eesti korvpallikoondis - esimene sada : 1924-2024

Järva, Rein; Ibrus, Märt 2024 https://www.ester.ee/record=b5706671*est

Eesti Laevajuhtide Liit avas stipendiumifondi

Hõimoja, Jane Meremees : Eesti merendusajakiri = Estonian maritime magazine 2024 / lk. 12-13
https://www.ester.ee/record=b4646644*est https://issuu.com/ajakirimeremees/docs/meremees_nr_325-issuu

Eesti Maaülikoolis valiti parim 3D Fusion tootedisainer

goodnews.ee 2024 [Eesti Maaülikoolis valiti parim 3D Fusion tootedisainer](#)

Eesti Mereakadeemia asutas tuleviku lainelööjate stipendiumifondi

Mente et Manu 2024 / lk. 10 : fot https://www.ester.ee/record=b1242496*est

Eesti mereteadus jõuab esimese doktorini

Timberg, Loreida Mente et Manu 2024 / lk. 46-47 : fot https://www.ester.ee/record=b1242496*est

Eesti mesindus vajab uuendatud arengukava

Kilk, Aleksander Mesinik : mesindusajakiri 2024 / lk. 4-5 https://www.ester.ee/record=b1072594*est

Eesti noor teadlane uurib Euroopa iidset vihmametsa

Kara, Eliise novaator.err.ee 2024 [Eesti noor teadlane uurib Euroopa iidset vihmametsa](#)

Eesti noored särasid rahvusvahelisel maateaduste olümpiaadil

postimees.ee 2024 <https://haridus.postimees.ee/8083805/eesti-noored-sarasid-rahvusvahelisel-maateaduste-olupiaadil>

Eesti noored töid rahvusvaheliselt olümpiaadilt koju 9 medalit

Kuulutaja 2024 [Eesti noored töid rahvusvaheliselt olümpiaadilt koju 9 medalit](#)

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](#)

Eesti personalipraktika toetab rohepööret

Tambur, Silver Trialoog 2024 <https://trialoog.taltech.ee/eesti-personalipraktika-toetab-rohepooret/> [Eesti personalipraktika toetab rohepööret](#)

Eesti piirialale punkrite ehitamiseks kulub viie korterelamu jagu materjali = Bunkers development to require enough material to build five blocks of flats

Rohemäe, Maria-Ann err.ee 2024 [Eesti piirialale punkrite ehitamiseks kulub viie korterelamu jagu materjali Bunkers development to require enough material to build five blocks of flats](#) [Эксперты рассказали, как будут выглядеть бункеры в приграничных районах Эстонии](#)

Eesti Raamatukoguhoidjate Ühingu aastaraamat 2023

2024 https://www.ester.ee/record=b1209172*est

Eesti Rahvusmeeskooi juhina alustab Saale Fischer

sirp.ee 2024 <https://www.sirp.ee/online-uudised/eesti-rahvusmeeskooi-juhina-alustab-saale-fischer/>

Eesti rannikul on arenemas mereleitsak

novaator.err.ee 2024 [Eesti rannikul on arenemas mereleitsak](#) [Ekstreemne olukord: Eesti rannikul on arenemas mere kuumalaine](#)

Eesti sai uued teaduse tippkeskused : kuidas, kellele ja milleks?

Aav, Riina; Soomere, Tarmo; Uuemaa, Evelyn; Raidal, Martti Sirp 2024 / lk. 34-36 : fot <https://www.sirp.ee/s1-artiklid/c21-teadus/eesti-sai-uued-teaduse-tippkeskused-kuidas-kellele-ja-milleks/>

Eesti seismoloogia hiilgav minevik

Soosalu, Heidi Elisabet Kliimast, geoloogiast, ringmajandusest ja ajaloost 2024 / lk. 57-93 : ill
https://www.ester.ee/record=b5673955*est <https://kirjandus.geoloogia.info/reference/49116>

Eesti suurim karjääriüritus Võti Tulevikku 2025

Kalkun, Kertu Studioosus 2024 / lk. 18 https://www.ester.ee/record=b1558644*est

Eesti süvatehnoloogia lipulaevad, kes suutsid kehvast majandusest raha kaasata

geenius.ee 2024 [Eesti süvatehnoloogia lipulaevad, kes suutsid kehvast majandusest raha kaasata](#)

Eesti talv ja tootja promo: millised on tegelikud väljakutsed elektriautode akude arendamisel? Teemat avab TalTechi professor

Rassõlkin, Anton digi.geenius.ee 2024 [Eesti talv ja tootja promo: millised on tegelikud väljakutsed elektriautode akude arendamisel? Teemat avab TalTechi professor](#)

Eesti teadlase töö apolipoproteiin B kohta avaldati ajakirjas Nature

Rospu, Piret med24.ee 2024 [Eesti teadlase töö apolipoproteiin B kohta avaldati ajakirjas Nature](#)

Eesti teadlased arendavad COI kogumise tehnoloogiat, mis aitab tööstuse jäätmevabaks muuta

Tamm, K. toostusuudised.ee 2024 [Eesti teadlased arendavad COI kogumise tehnoloogiat, mis aitab tööstuse jäätmevabaks muuta](#)

Eesti teadlased arendavad jäätmevabu ehitusmaterjale

Ehitaja 2024 / lk. 34 : portr https://www.ester.ee/record=b1072123*est

Eesti teadlased arendavad süsinikuheite kogumise tehnoloogiat, et muuta tööstust jäätmevabaks

Tamm, Kadriann äripäev.ee 2024 [Eesti teadlased arendavad süsinikuheite kogumise tehnoloogiat, et muuta tööstust jäätmevabaks](#)

Eesti teadlased avastasid uue viisi põlevkivi väärindamiseks

Piir, Rait novaator.err.ee 2024 [Eesti teadlased avastasid uue viisi põlevkivi väärindamiseks](#)

Eesti teadlased leidsid lahenduse: kas jäätmetele hakatakse nüüd tormi jooksma?

Tamm, Kadriann postimees.ee 2024 [Eesti teadlased leidsid lahenduse: kas jäätmetele hakatakse nüüd tormi jooksma?](#)

Eesti teadlased loodavad panna putukrobotile pähe tehisaru

Raik, Jaan novaator.err.ee 2024 [Eesti teadlased loodavad panna putukrobotile pähe tehisaru](#) Эстонские ученые создают робота-насекомого с искусственным интеллектом

Eesti teadlased väärindavad fenoolveest roosiõli

novaator.err.ee 2024 [Eesti teadlased väärindavad fenoolveest roosiõli](#)

Eesti teadlasi saatis tervisevaldkonna partnerluste taotlusvoorudes edu - rahastuse said viis projekti

Mõttus, Aive med24.ee 2024 [Eesti teadlasi saatis tervisevaldkonna partnerluste taotlusvoorudes edu - rahastuse said viis projekti](#)

Eesti teadlaste avastus võimaldab akusid suuremal määral ümbertöödelda

Saar, Sandra novaator.err.ee 2024 [Eesti teadlaste avastus võimaldab akusid suuremal määral ümbertöödelda](#)

Eesti teadlaste hinnang: tehisaru muudab meie elu palju, aga me ei tea veel, millal

postimees.ee 2024 [Eesti teadlaste hinnang: tehisaru muudab meie elu palju, aga me ei tea veel, millal](#)

Eesti teadlaste kaamerasüsteem teeb kalaseires revolutsiooni

Nagu kala vees – tehisintellekt jõgedes

Vaaks, Eveliis postimees.ee 2024 [Nagu kala vees – tehisintellekt jõgedes](#) Eesti teadlaste kaamerasüsteem teeb kalaseires revolutsiooni

Eesti teadlaste leiutis muudab jäätmed väärtuslikuks tooraineks

Einama, Kaido Postimees 2024 / lk. 11 <https://dea.digar.ee/article/postimees/2024/10/24/8.1>

Eesti teadlaste nutikad minuundurid hoogustavad energiapööret

Vinnikov, Dmitri; Chub, Andrii novaator.err.ee 2024 [Eesti teadlaste nutikad minuundurid hoogustavad energiapööret](#)

Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2023

2024 https://www.ester.ee/record=b1218094*est

Eesti Teaduste Akadeemia sõnas ja pildis 2023

2024 https://www.ester.ee/record=b5054043*est

Eesti tehisaru teadlased: tulevikus «mõistab» maja elaniku mõtteid ja soove

postimees.ee 2024 <https://teadus.postimees.ee/8099095/est-thesisaru-teadlased-tulevikus-moistab-maja-elaniku-motteid-ja-soove>

Eesti tippjuhid 2024 / AS Äripäev

2024 https://www.ester.ee/record=b2339613*est

Eesti tudengisatelliit Hämarik põles atmosfääris ära

postimees.ee 2024 [Eesti tudengisatelliit Hämarik põles atmosfääris ära](#)

Eesti tudengite päikeseauto heitlikust loost tehti film

Avasalu, Kert auto.geenius.ee 2024 [Eesti tudengite päikeseauto heitlikust loost tehti film](#)

Eesti turbauuringute andmebaas ja ringmajandus

Orru, Mall Kliimast, geoloogiast, ringmajandusest ja ajaloost 2024 / lk. 49 https://www.ester.ee/record=b5673955*est
<https://kirjandus.geoloogia.info/reference/49156>

Eesti tänavused teadussaavutused ulatuvad mammutitest vesinikuni

Pärn, Rein Postimees 2024 / lk. 10-11 <https://dea.digar.ee/article/postimees/2024/12/31/7.1> <https://teadus.postimees.ee/8163134/eesti-teadussaavutused-aastal-2024-mammutitest-vesinikuni>

Eesti tööstus on tarka võrku investeerimisel õigel teel, kuid napib insenere : ABB podcast

geenius.ee 2024 [Eesti tööstus on tarka võrku investeerimisel õigel teel, kuid napib insenere : ABB podcast](#)

Eesti uue koorimuusika kontserdil kõlab üheksa esiettekannet

kultuur.err.ee 2024 [Eesti uue koorimuusika kontserdil kõlab üheksa esiettekannet](#)

Eesti uue tudengisatelliidi nimi on SUTS

Imeline Teadus 2024 / lk. 20 : fot https://www.ester.ee/record=b2747925*est

Eesti uus suursaadik Taanis andis üle volikirja

postimees.ee 2024 [Eesti uus suursaadik Taanis andis üle volikirja](#)

Eesti vallutavad sajad arvutiteaduse tipud

postimees.ee 2024 [Eesti vallutavad sajad arvutiteaduse tipud Tallinnas tunnustati maailma parimaid arvutiteadlasi](#)

Eesti vete isotoopkoostis

Vaikmäe, Rein Eesti Geograafia Seltsi aastaraamat = Yearbook of the Estonian Geographical Society. 47. kd 2024 / lk. 36-46
https://www.ester.ee/record=b1237665*est https://www.ester.ee/record=b4668698*est

Eesti vilkaim arvutaja saadetakse täiendõppele

Breidaks, Arved Lõuna-Eesti Postimees 2024 / lk. 3 <https://dea.digar.ee/article/lounaestpostimees/2024/12/10/4.1>

Eesti väikeettevõtteid kannustab rohetegudele väline surve

novaator.err.ee 2024 [Eesti väikeettevõtteid kannustab rohetegudele väline surve](#)

Eesti ärimentorid valisid välja Namiibia alustavate ettevõtjate parimad ideed

Bioneer.ee 2024 [Eesti ärimentorid valisid välja Namiibia alustavate ettevõtjate parimad ideed](#)

Eesti üliõpilased asutasid Põhjamaades ainulaadse Tudengifondi. Esimees: laieneme jõudsalt

Mägar, R. arileht.delfi.ee 2024 [Eesti üliõpilased asutasid Põhjamaades ainulaadse Tudengifondi. Esimees: laieneme jõudsalt](#)

Eestikeelsetest geoloogiaõpikutest ja geoloogilistest oskussõnadest

Aaloe, Aasa Kliimast, geoloogiast, ringmajandusest ja ajaloost 2024 / lk. 129-143 : ill https://www.ester.ee/record=b5673955*est
<https://kirjandus.geoloogia.info/reference/49118>

Eestil on vaja materjalitehnoloog, kes rohepöörde päriselt ellu viiksid!

Kers, Jaan delfi.ee 2024 <https://arileht.delfi.ee/artikkel/120297193/eestil-on-vaja-materjalitehnoloog-kes-rohepoorde-pariselt-ellu-viiksid>

Eestil pole plaanis TikTokki keelata

Rohemäe, Maria-Ann err.ee 2024 <https://www.err.ee/1609544995/eestil-pole-plaanis-tiktokki-keelata>

Eestis ainulaadne TalTechi õppekava liidab kokku riistvara arenduse ja programmeerimise

delfi.ee 2024 [Eestis ainulaadne TalTechi õppekava liidab kokku riistvara arenduse ja programmeerimise](#)

Eestis kaitstud doktoritöö pakub uusi lahendusi, mis ei lase elektrit ega soojust raisata

Lepiksaar, Kertu postimees.ee 2024 [Eestis kaitstud doktoritöö pakub uusi lahendusi, mis ei lase elektrit ega soojust raisata](#)
<https://digikogu.taltech.ee/et/Item/1bf329b0-baf7-4581-866e-fbc147c44d6c>

Eestis kaitstud doktoritöö pakub uusi lahendusi, mis ei lase elektrit ja soojust raisata

Lepiksaar, Kertu postimees.ee 2024 [Eestis kaitstud doktoritöö pakub uusi lahendusi, mis ei lase elektrit ja soojust raisata](#)

Eesti-Soome rohekoridori teel seisavad kaheksa väljakutset, millele otsitakse häkatonil lahendust

rohe.geenius.ee 2024 [Eesti-Soome rohekoridori teel seisavad kaheksa väljakutset, millele otsitakse häkatonil lahendust](#)

Eestist võib saada hoopis «süsiniku käejälje maailmariik»

Tapaninen, Ulla Pirta Postimees 2024 / Lk. 13 [Eestist võib saada hoopis «süsiniku käejälje maailmariik»](#)
<https://dea.digar.ee/article/postimees/2024/06/18/11.7>

Eestlased raputasid maakoores levinud metalle

Aav, Riina; Kananovich, Dzmitry novaator.err.ee 2024 [Eestlased raputasid maakoores levinud metalle](#)

Eestlased viivad tehasele renoveerimise Ukrainasse

ehitusuudised.ee 2024 [Eestlased viivad tehasele renoveerimise Ukrainasse](#)

Eestlased võitsid rahvusvahelisel füüsikaolümpiaadil kolm kulda

Povilaitis, Dmitri pealinn.ee 2024 [Eestlased võitsid rahvusvahelisel füüsikaolümpiaadil kolm kulda](#)

Eestlased võtsid mullu automaatidest välja neli miljardit eurot sularaha = Estonians withdrew €4 billion in cash from ATMs last year

Grepp, T. err.ee 2024 [Eestlased võtsid mullu automaatidest välja neli miljardit eurot sularaha](#) [Estonians withdrew €4 billion in cash from ATMs last year](#) [autor](#)

Eestlaste karastusjoogil Raw Edge on potentsiaali saada üleilmseks hitiks : Rohetund 43

Soopan, Ivar [Eestlaste karastusjoogil Raw Edge on potentsiaali saada üleilmseks hitiks : Rohetund 43](#) 2024

Eestlaste rahatarkuse sambad pisut kõiguvad

Aasalaid, Marge rmp.geenius.ee 2024 <https://rmp.geenius.ee/ajaviide/rahatarkus/eestlaste-rahatarkuse-sambad-pisut-koiguvad/>

Eetikate pörked

Pevkur, Aive vikerraadio.err.ee 2024 [Eetikate pörked](#) [Eetikate pörked](#)

Eetiline Häkker – Kriitilise tähtsusega ettevõtted ja küberturbe surve

postimees.ee 2024 [Eetiline Häkker – Kriitilise tähtsusega ettevõtted ja küberturbe surve](#)

E-etteütlus saab kaaslaks e-rehkenduse

Imeline Teadus 2024 / lk. 20 https://www.ester.ee/record=b2747925*est

Efektivne kommunikatsioon mängib eduka sündmuse korraldamises olulist rolli

delfi.ee 2024 [Efektivne kommunikatsioon mängib eduka sündmuse korraldamises olulist rolli](#)

Efektivsus tuleb arvutades

Listra, Enn RUP. Finants- ja õigusajakiri 2024 / lk. 9-13 : ill https://www.ester.ee/record=b5550879*est

Effect of aggregation methods in fuzzy technique for prioritization of criteria of automated vehicle system

Mehrparvar, Marmar; Majak, Jüri; Karjust, Kristo AIP conference proceedings 2024 / art. 020011 <https://doi.org/10.1063/5.0189323>
[Journal metrics at Scopus](#) [Article at Scopus](#)

Effect of graphene nanoplatelet content on mechanical and elevated-temperature tribological performance of self-lubricating ZE10 magnesium alloy nanocomposites

Kandemir, Sinan; Yöyler, Sibel; Kumar, Rahul, 1993-; Antonov, Maksim; Dieringa, Hajo Lubricants 2024 / art. 52
<https://doi.org/10.3390/lubricants12020052> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of green co-solvents on properties and synthesis of cellulose esters in superbase ionic liquid

Tarasova, Elvira; Savale, Nutan Bharat; Trifonova, Lada; Krasnou, Illia; Reile, Indrek; Kudrjašova, Marina; Mere, Arvo; Kaljuvee, Tiit; Mikli, Valdek; Sedrik, Rauno; Krumme, Andres Cellulose 2024 / p. 4911-4927 <https://doi.org/10.1007/s10570-024-05920-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The effect of hardwood veneer densification on plywood density, surface hardness, and screw withdrawal capacity

Kallakas, Heikko; Kallakas, Heikko; Akkurt, Tolgay; Akkurt, Tolgay; Scharf, Alexander; Scharf, Alexander; Mühls, Fred; Mühls, Fred; Rohumaa, Anti; Rohumaa, Anti; Kers, Jaan; Kers, Jaan Forests 2024 / art. 1275 <https://doi.org/10.3390/f15071275> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of Infector's location and occupants' activity level on airborne spread in a gym – an experimental and CFD study

Ejaz, Muhammad Farhan; Kilpeläinen, Simo; Mikola, Alo; Kiil, Martin; Kurnitski, Jarek; Kosonen, Risto E3S Web of Conferences : Roomvent Conference 2024 2024 / 5 p <https://invitepeople.com/public/events/fe41371a0b/pages/ed19d3ae89>

Effect of lignin on veneer densification and set-recovery

Kilumets, Catherine; Kallakas, Heikko; Ralph, Sally; Zhu, J. Y.; Hunt, Christopher Glaab; **Rohumaa, Anti; Kers, Jaan** Construction and building materials 2024 / art. 138795 <https://doi.org/10.1016/j.conbuildmat.2024.138795>

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.ester.ee/record=b5668645*est

The effect of niobium on the microstructure evolution of ferritic stainless steel matrix cermets
Kolnes, Märt; Juhani, Kristjan; Kübarsepp, Jakob; Viljus, Mart Modern materials and manufacturing 2023 2024 / art. 040011
<https://doi.org/10.1063/5.0190158> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Effect of precipitation heat treatment on a mechanically alloyed Al-based composite reinforced with metallic glassy powder
Deng, Guiying; Wang, Zhi; Hu, Yuan; Zhao, Qizhong; Zhang, Weiwen; Yang, Chao; Li, Liejun; **Prashanth, Konda Gokuldoss;** Suryanarayana, Challapalli Advanced engineering materials 2024 / 10 p <https://doi.org/10.1002/adem.202401075>

Effect of protein surface hydrophobicity and surface amines on soy adhesive strength
Kallakas, Heikko; Plaza, Nayomi; Crooks, Casey; Turner, Derek; Gargulak, Mathew; Arvanitis, Matthew A.; Frihart, Charles R.; Hunt, Christopher G. Polymers 2024 / art. 202 <https://doi.org/10.3390/polym16020202> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The effect of recycled fibre type on the properties of nonwoven materials made from post-consumer textile waste
Worth, Katre; Rahman, Md Toufique; Plamus, Tiia Baltic Polymer Symposium 2024 : 22nd International Scientific Conference, September 17-19, 2024, Birštonas, Lithuania : Book of abstracts 2024 / p. 67 <https://doi.org/10.5755/e01.3030-1378.2024>

Effect of scanning speed on mechanical, corrosion, and fretting-tribocorrosion behavior of austenitic 316L stainless steel produced by laser powder bed fusion process
Uva Narayanan, Chellaiya; Daniel, Ashish; Praveenkumar, Kesavan; Manivasagam, Geetha; Suwas, Satyam; **Prashanth, Konda Gokuldoss;** Suya Prem Anand, Pandaravadivoo Journal of Manufacturing Processes 2024 / p. 1582-1593
<https://doi.org/10.1016/j.jmapro.2024.09.108> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of solid lubricants on wear of PVD-coated spark plasma-sintered TiB₂/Ti composites
Luszcz, Maciej; Michalczewski, Remigiusz; Kalbarczyk, Marek; Osuch-Slomka, Edyta; **Liu, Le; Antonov, Maksim; Hussainova, Irina** Modern materials and manufacturing 2023 2024 / art. 040010 <https://doi.org/10.1063/5.0190460> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Effect of surface features stiffness on tribological performance of 3D printed light-weight Ti6Al4V alloy
Antonov, Maksim; Pohlak, Meelis; Ivanov, Roman; Hussainova, Irina Modern materials and manufacturing 2023 2024 / art. 040015 <https://doi.org/10.1063/5.0189279> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Effect of thermal shock treatment parameters on the efficiency of WC-Co cermet recycling
Kariminejad, Arash; Antonov, Maksim; Kumar, Rahul, 1993-; Goljandin, Dmitri; Klimczyk, Piotr; Viljus, Mart AIP conference proceedings 2024 / art. 040013 <https://doi.org/10.1063/5.0189330> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

The effect of tin doping on the band structure and optical properties of polycrystalline antimony selenide
Uslu, Mehmet Ender; Danilson, Mati; Timmo, Kristi; Grossberg-Kuus, Maarja Physica B : condensed matter 2024 / art. 415744 <https://doi.org/10.1016/j.physb.2024.415744> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of transmural pressure on the estimation of arterial stiffness index from the photoplethysmographic waveform
Pilt, Kristjan; Reiu, Andy Medical and Biological Engineering and Computing 2024 / p. 1049-1059 <https://doi.org/10.1007/s11517-023-02992-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of unit cell rotation on mechanical performance of selective laser melted Gyroid structures for bone tissue engineering
Rezapourianghahfarokhi, Mansoureh; Kumar, Rahul, 1993-; Hussainova, Irina Progress in engineering science 2024 / art. 100011 <https://doi.org/10.1016/j.pes.2024.100011>

The effects of agricultural practices on earthworm communities in Estonia
Sutri, Merit; **Ivask, Mari;** Kuu, Annely; Escuer-Gatius, Jordi; Reintam, Endla; Shanskiy, Merrit European journal of soil biology 2024 / art. 103662 <https://doi.org/10.1016/j.ejsobi.2024.103662> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effects of culture on public behavior patterns in crisis situations
Teichmann, Mare; Kaugerand, Jaanus; Ehala, Johannes; Meriste, Merik; Rannat, Kalev Proceedings of Conference on Cognitive and Computational Aspects of Situation Management 2023 2024 / p. 66 - 79 <https://doi.org/10.29007/r4p9> [Conference](#)

The effects of timber species and adhesive type on the behavior of finger joints in tension under fire conditions

Sciomenta, Martina; **Vihmann, Jane Liise**; Tuhkanen, Eero; Just, Alar; Fragiaco, Massimo Construction and building materials 2024 / art. 138080 <https://doi.org/10.1016/j.conbuildmat.2024.138080>

Efficient and effective association rule mining on big data and cloud technology : a multifaceted analysis = Tõhus ja efektiivne assotsiatsioonireeglite kaevandamine suurandmetel ja pilvetehnoloogial : mitmekülgne analüüs

Shahin, Mahtab 2024 https://www.ester.ee/record=b5701564*est <https://digikogu.taltech.ee/et/Item/5cb16841-6d26-495f-88bb-5ae980bcd258>
<https://doi.org/10.23658/taltech.50/2024>

An efficient assistance in cavity filter tuning using filter screw classification

Sekhri, Even; Tamre, Mart; Kapoor, Rajiv Advances in artificial-business analytics and quantum machine learning : select proceedings of the 3rd international conference, Com-IT-Con 2023, volume 1 2024 / p. 791-799 https://doi.org/10.1007/978-981-97-2508-3_58 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Efficient defect-driven cation exchange beyond the nanoscale semiconductors toward antibacterial functionalization

Polivtseva, Svetlana; Volobujeva, Olga; Kuznietsov, Ivan; Kaupmees, Reelika; Danilson, Mati; Krustok, Jüri; Molaiyan, Palanivel; Hu, Tao; Lassi, Ulla; **Klopov, Mihhail**; van Gog, Heleen; van Huis, Marijn A.; Kaur, Harleen; Ivask, Angela; Rosenberg, Merilin; Gathergood, Nicholas; Ni, Chaoying; **Grossberg-Kuusk, Maarja** ACS applied materials & interfaces 2024 / p. 62871-62882
<https://doi.org/10.1021/acsami.4c11425>

An efficient neural network for the diagnosis of Parkinson's disease using dynamic handwriting analysis

Wang, Xuechao; **Nõmm, Sven**; Huang, Junqing; Chatzakou, Marianna; Ruzhansky, Michael Extended Abstracts MWCAPDE 2023 : Methusalem Workshop on Classical Analysis and Partial Differential Equations 2024 / p. 97 - 104 https://doi.org/10.1007/978-3-031-41665-1_11 [Article Collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

E-governance and integration in the European union

Ramiro Troitino, David; Mazur, Viktoria; Kerikmäe, Tanel Internet of Things 2024 / art. 101321
<https://doi.org/10.1016/j.iot.2024.101321> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

E-governance and the European Union : agenda for implementation

Ramiro Troitino, David Internet of Things 2024 / art. 101352 <https://doi.org/10.1016/j.iot.2024.101352> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

e-Governance as a future option

Ramiro Troitino, David E-Governance in the European Union : strategies, tools, and implementation 2024 / p. 1-6
https://doi.org/10.1007/978-3-031-56045-3_1 https://www.ester.ee/record=b5703480*est

E-Governance in the European Union : strategies, tools, and implementation

2024 <https://doi.org/10.1007/978-3-031-56045-3> https://www.ester.ee/record=b5703480*est

Ehituseksperit: puidust ehitamine ei ole nii kliimasäästlik, kui arvatakse

Kontro, Kristin; Kertsmik, Kadri-Ann delfi.ee 2024 [Ehituseksperit: puidust ehitamine ei ole nii kliimasäästlik, kui arvatakse](#)

EhitusEST : projekteeri ja ehit

2024 https://www.ester.ee/record=b4442657*est

Ehitusgiid on abiks kodu ehitajale ja renoveerijale ning juhendab, milliseid lube või kooskõlastusi on vaja

delfi.ee 2024 [Ehitusgiid on abiks kodu ehitajale ja renoveerijale ning juhendab, milliseid lube või kooskõlastusi on vaja](#)

Ehitusjäätmete ringlussevõtu aluseks on lammutusaudit ja materjalipangad

Keskkonnatehnika 2024 [Ehitusjäätmete ringlussevõtu aluseks on lammutusaudit ja materjalipangad](#)

Ehituskonverents - kõik on kohal!

EhitusEST 2024 / lk. 4-5 : fot https://www.ester.ee/record=b4442657*est

Ehituslik põletatud põlevkivi : spetsifikatsioon, toimivus ja vastavus = Burnt shale for building materials : specification, performance and conformity

2024 https://www.ester.ee/record=b5700632*est

Ehituslik põletatud põlevkivi : spetsifikatsioon, toimivus ja vastavus = Burnt shale for building materials : specification, performance and conformity

2024 https://www.ester.ee/record=b5728400*est

Ehitusmaterjalide puudus ja vajadus vähendada keskkonnajalajälge innustas Eesti teadlasi uusi lahendusi otsima

rohe.geenius.ee 2024 [Ehitusmaterjalide puudus ja vajadus vähendada keskkonnajalajälge innustas Eesti teadlasi uusi lahendusi otsima](#)

Ei meelita ka 3000-eurone palk. Eestis valitseb tõsine inseneride puudus

Kübarsepp, Iris; Jõesaar, Jete-Ri delfi.ee 2024 [Ei meelita ka 3000-eurone palk. Eestis valitseb tõsine inseneride puudus](#)

Ei ole uus maja, ega ka uus õppeasutus. Terje Haidak tutvustab uut haridusprojekti nimega Inseneriakadeemia

Haidak, Terje digi.geenius.ee 2024 [Ei ole uus maja, ega ka uus õppeasutus. Terje Haidak tutvustab uut haridusprojekti nimega Inseneriakadeemia](#) [INSENERIAKADEEMIA ON HOO SISSE SAANUD](#)

e-identity : a step forward to European Digital Citizenship

Ramiro Troitino, David; Mazur, Viktoria E-Governance in the European Union : strategies, tools, and implementation 2024 / p. 57-70 https://doi.org/10.1007/978-3-031-56045-3_5 https://www.ester.ee/record=b5703480*est

Einari Kisel: meie naabriteks on odavenergia tšempionid

Kisel, Einari toostusuudised.ee 2024 [Einari Kisel: meie naabriteks on odavenergia tšempionid](#)

EIS-i arendamisele kulub ministeeriumil 300 000 eurot aastas = Glitch-hit state school exams IT system costs ministry €300,000 a year

Klementi, Joakim err.ee 2024 [EIS-i arendamisele kulub ministeeriumil 300 000 eurot aastas](#) [Glitch-hit state school exams IT system costs ministry €300,000 a year](#)

EKI juht: mu viga oli läheneda keelele loodusteaduslikult

Tavast, Arvi; Pärlil, Merilin err.ee 2024 [EKI juht: mu viga oli läheneda keelele loodusteaduslikult](#)

EKRE paljunemise mõjust Eesti poliitikale

Samson, Ago postimees.ee 2024 [EKRE paljunemise mõjust Eesti poliitikale](#)

Eksperdid debatil: netikaubandus ujutab meid üle tarbetu jamaga

postimees.ee 2024 [Eksperdid debatil: netikaubandus ujutab meid üle tarbetu jamaga](#)

Eksperdid: ajaloolised hooned vajavad kliimamuutuse eest läbimõeldumat kaitset

Truu, Murel; Kalamees, Targo; Martin, Anni; Koit, Katrin novaator.err.ee 2024 [Eksperdid: ajaloolised hooned vajavad kliimamuutuse eest läbimõeldumat kaitset](#)

Eksperdid: andmenappus ei pidurda tehisaru arengut veel niipea

Piir, Rait novaator.err.ee 2024 [Eksperdid: andmenappus ei pidurda tehisaru arengut veel niipea](#)

Eksperdid: Balticconnector'i purunemine lõhnab sabotaaži järele

postimees.ee 2024

Eksperdid: kaugtöö taandub, kuid kontori roll on jäädavalt muutunud

Piir, Rait novaator.err.ee 2024 [Eksperdid: kaugtöö taandub, kuid kontori roll on jäädavalt muutunud](#)

Eksperdid: keskkonnasäästlik ehitamine tuleb teha inimestele elamisväärseks

Kurnitski, Jarek; Loka, Priidu delfi.ee 2024 [Eksperdid: keskkonnasäästlik ehitamine tuleb teha inimestele elamisväärseks](#)

Eksperdid: kliimaseaduse väljatöötamine käib kiirrongi kiirusega, aga see ei tohi muuta kinnisvara inimestele kättesaamatult kalliks

Kurnitski, Jarek; Loka, Priidu postimees.ee 2024 [Eksperdid: kliimaseaduse väljatöötamine käib kiirrongi kiirusega, aga see ei tohi muuta kinnisvara inimestele kättesaamatult kalliks](#)

Eksperdid: maateadustel peaks põhihariduses olema suurem osa

Soesoo, Alvar; Sipp Kulli, Sirli postimees.ee 2024 [Eksperdid: maateadustel peaks põhihariduses olema suurem osa](#)

Eksperdid: päikesetormide mõju pärast tänapäeval enam muretsema ei pea

Piir, Rait novaator.err.ee 2024 [Eksperdid: päikesetormide mõju pärast tänapäeval enam muretsema ei pea](#)

Eksperdid: Tallinna liiklus on võrreldav 1970. aastate Lääne-Euroopaga

Piir, Rait novaator.err.ee 2024 [Eksperdid: Tallinna liiklus on võrreldav 1970. aastate Lääne-Euroopaga](#)

Ekspert Eesti Energia probleemidest: meie heitenormid on Euroopaga võrreldes karmimad

postimees.ee 2024 [Ekspert Eesti Energia probleemidest: meie heitenormid on Euroopaga võrreldes karmimad](#)

Ekspert ut mot Krim-utspill fra Russland : – Galskap

Skjaerpe, J. dagsavisen.no 2024 [Ekspert ut mot Krim-utspill fra Russland : – Galskap](#)

Ekspert: naastrehvid muutuvad tasapisi keskkonnasõbralikumaks

novaator.err.ee 2024 [Ekspert: naastrehvid muutuvad tasapisi keskkonnasõbralikumaks](#)

Ekspert: Süüria arengud sõltuvad peamiselt Türgist ja araabia riikidest

Lauri, Vahur err.ee 2024 [Ekspert: Süüria arengud sõltuvad peamiselt Türgist ja araabia riikidest](#)

Ekspert: Vene varilaevastikus võib olla tuhandeid aluseid

Tapaninen, Ulla Pirita err.ee 2024 <https://www.err.ee/1609563013/ekspert-vene-varilaevastikus-voib-olla-tuhandeid-aluseid>

Electric sail test cube—lunar nanospacecraft, ESTCube-LuNa : solar wind propulsion demonstration mission concept

Slavinskis, Andris; Palos, Mario F.; Dalbins, Janis; Janhunen, Pekka; Tajmar, Martin; Ivchenko, Nickolay; Rohtsalu, Agnes; Micciani, Aldo; Orsini, Nicola; Moor, Karl Mattias; **Kristmann, Katriin** Aerospace 2024 / art. 230 <https://doi.org/10.3390/aerospace11030230>

Electrochemically synthesized MIP sensors : applications in healthcare diagnostics

Ayankojo, Akinrinade George; Reut, Jekaterina; Sõritski, Vitali Biosensors 2024 / art. 71 <https://doi.org/10.3390/bios14020071>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Electrolysis waste heat utilization towards district heating – a case study for Norway

Kauko, Hanne; Tommasini, Davide; Marx, Nicolas; Wimmer, Yannick; Reuter, Stefan; Puschnigg, Stefan; Moser, Simon; **Volkova, Anna; Ali, Hesham Abed Al-Same Jamil** 10th International Conference on Smart Energy Systems : Book of Abstracts 2024 / p. 251-252 <https://vbn.aau.dk/da/publications/book-of-abstracts-10th-international-conference-on-smart-energy-s-2>

Electrospinning polyvinyl alcohol reinforced with chitin: The effect of the degree of acetylation

Krumme, Andres; Mendez, James D. Polymers 2024 / art. 1955 <https://doi.org/10.3390/polym16141955> [Journal metrics at Scopus](#)
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Elektri börsihinnast ja sellega seonduvast

Rajangu, Väino Elektriala 2024 / lk. 25-27 : fot https://www.ester.ee/record=b1240496*est

Elektri suuremast võrgutasust

Rajangu, Väino Elektriala 2024 / lk. 10 : fot https://www.ester.ee/record=b1240496*est

Elektri võrgutasu jääb kerkima ka järgmistel aastatel

Linnart, Mart err.ee 2024 [Elektri võrgutasu jääb kerkima ka järgmistel aastatel](#)

Elektriala saamisluгу

Teemets, Raivo Elektriala 2024 / lk. 24-29 https://www.ester.ee/record=b1240496*est

Elektriga varakult sõbraks : [Lisette Baum'i õpingutest Eesti Mereakadeemia laevamehaanika erialal]

Hõimoja, Jane Meremees : Eesti merendusajakiri = Estonian maritime magazine 2024 / lk. 30 : fot
https://www.ester.ee/record=b4646644*est

Elektrilevi juht Mihkel Härm: lisaks tehisarule on vaja insenere, kes oskaksid õigeid küsimusi esitada

delfi.ee 2024 [Elektrilevi juht Mihkel Härm: lisaks tehisarule on vaja insenere, kes oskaksid õigeid küsimusi esitada](#)

Elektrisüsteemi arendamine hetkemeleolude alusel viib kriisini

Rajangu, Väino postimees.ee 2024 [Elektrisüsteemi arendamine hetkemeleolude alusel viib kriisini](#)

Elektromagnetmüra mõõtmisel tehakse palju vigu

Kütt, Lauri Elektriala 2024 / lk. 28-31 : fot., ill., portr https://www.ester.ee/record=b1240496*est

Elektromagnetmüra võib arvesti näidud sassi ajada ja teha muud kurja

Piir, Rait novaator.err.ee 2024 [Elektromagnetmüra võib arvesti näidud sassi ajada ja teha muud kurja](#)

Elektroonikainsener aitab maailma teel alalhoidlikuma tuleviku poole

Alvela, Ain toostusest.ee 2024 [Elektroonikainsener aitab maailma teel alalhoidlikuma tuleviku poole](#)

Elektroonikainsener Endrik Salak: minu töö on nutikate lahenduste väljatöötamine

goodnews.ee 2024 [Elektroonikainsener Endrik Salak: minu töö on nutikate lahenduste väljatöötamine](#)

Elemental composition and structural characteristics of Bio-active™ orthodontic archwire

Stoyanova-Ivanova, Angelina K.; Mihailov, V.; Georgiev, Velizar; Georgieva, Mirela; Petrov, Valeri G.; Andreeva, Laura A.; Petrova, N.L.; **Mikli, Valdek** 23rd International Summer School on Vacuum, Electron and Ion Technologies 2023 : 18/09/2023-22/09/2023, Sozopol, Bulgaria 2024 / 5 p., art. 012029 <https://doi.org/10.1088/1742-6596/2710/1/012029> [Article at Scopus](#) [Conference proceedings](#)

[at Scopus](#)

Elli Valla selgitas, kuidas võib tehisintellekti areng mõjutada tulevikus haiguste diagnoosimist ja nende ravimist
Valla, Elli kanal2.ee 2024 [Elli Valla selgitas, kuidas võib tehisintellekti areng mõjutada tulevikus haiguste diagnoosimist ja nende ravimist](#)

“Elu parim laager!” Lapsed testivad, kuidas kartuliga lamp põlema panna ja 3D-printeriga tembutada
digi.geenius.ee 2024 [“Elu parim laager!” Lapsed testivad, kuidas kartuliga lamp põlema panna ja 3D-printeriga tembutada](#)

Elu seiklus! Kas sina suudad läbida Euroopa, kasutades ainsa valuutana Red Bulli purke?
delfi.ee 2024 [Elu seiklus! Kas sina suudad läbida Euroopa, kasutades ainsa valuutana Red Bulli purke?](#)

Eluohulik anarhia tänavatel peab lõppema!
Vihma, Peeter Postimees 2024 / lk. 13 <https://dea.digar.ee/article/postimees/2024/08/28/12.6>

Embedded blur-free single-image acquisition pipeline for droplet microfluidic imaging flow cytometry (IFC)
Afrin, Fariha; Pärnamets, Kaiser; Le Moulllec, Yannick; Udal, Andres; Koel, Ants; Pardy, Tamas; Rang, Toomas IEEE Access 2024 / p. 92431-92441 <https://doi.org/10.1109/ACCESS.2024.3421637> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Emerging renovation strategies and technical solutions for mass-construction of residential districts built after World War II in Europe
Lihtmaa, Lauri; Kalamees, Targo Energy strategy reviews 2024 / art. 101282 <https://doi.org/10.1016/j.esr.2023.101282>

Emeriitprofessor Jaan Järvik 85!
Elektriala 2024 / lk. 22 : portr https://www.ester.ee/record=b1240496*est

Emeriitprofessor Rein Munter sai elutööpreemia
Mente et Manu 2024 / lk. 6 : fot https://www.ester.ee/record=b1242496*est

The emissions of NO_x, SO₂, CO and decomposition of carbonates during oxyfuel combustion of low heating value semicoke in CFB pilot facility
Nešumajev, Dmitri; Baqain, Mais Hanna Suleiman; Konist, Alar Fuel 2024 / art. 132563, 10 p. : ill <https://doi.org/10.1016/j.fuel.2024.132563> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Empirical evaluation of NB-IoT and CAT-M coverage for underground water system
Roosipuu, Priit; Annus, Ivar; Kuusik, Alar; Kändler, Nils; Alam, Muhammad Mahtab; Mürsepp, Ivo IEEE Access 2024 / p. 187290-187301 <https://doi.org/10.1109/ACCESS.2024.3478733> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Empirical synergetics
Tähemaa, Toivo; Reedik, Vello Socio-technical synergetics 2024 / p. 32-38 : ill https://www.ester.ee/record=b5651350*est

Employment of dopant-free fluorene-based enamines as innovative hole transport materials to boost the transparency and performance of Sb₂S₃ based solar cells
Juneja, Nimish; Daskeviciute-Geguziene, Sarune; Spalatu, Nicolae; Mandati, Sreekanth; Katerski, Atanas; Grzibovskis, Raitis; Vembris, Aivars; Karazhanov, Smagul; Getautis, Vytautas; Krunks, Malle; Oja Acik, Ilona Materials science in semiconductor processing 2024 / art. 107934 <https://doi.org/10.1016/j.mssp.2023.107934>

Empowering women in healthcare : dismantling systemic biases and advancing leadership
Khalid, Sadia The European Sting 2024 <https://europeansting.com/2024/05/01/empowering-women-in-healthcare-dismantling-systemic-biases-and-advancing-leadership/>

Empowering women's leadership in global health : a blueprint for equity and excellence
Khalid, Sadia The European Sting 2024 <https://europeansting.com/2024/04/23/empowering-womens-leadership-in-global-health-a-blueprint-for-equity-and-excellence/>

Empowering women's leadership in global health : addressing barriers and driving impact
Khalid, Sadia The European Sting 2024 <https://europeansting.com/2024/04/30/empowering-womens-leadership-in-global-health-addressing-barriers-and-driving-impact/>

Empowering youth for global change : a call to action in conflict resolution and peacebuilding
Khalid, Sadia The European Sting 2024 [Empowering youth for global change : a call to action in conflict resolution and peacebuilding](#)

Enantioselective [8+2] cycloadditions of photogenerated ketenes
Kaasik, Mikk; Anker Jørgensen, K.; Eugui, M. Balticum Organicum Syntheticum (BOS 2024) : Book of Abstracts 2024 / art. P47, p. 66 https://boschem.eu/bos2024/wp-content/uploads/sites/5/2024/07/BOS2024_Abtract-Book.pdf

Encouraging healthy ageing through the planning of age-friendly communities in Estonia

Salmistu, Sirle; Nutt, Nele; Kupper, Kristiina; **Kotval, Zenia** Game changer? Planning for just and sustainable urban regions (AESOP 2024) : Book of abstracts 2024 / p. 963 <https://hdl.handle.net/20.500.14235/2135>

End üles töötanud miljonärid Kärt ja Kristjan Liivamägi ei kujutaks ette elu, kus nad enam tööl ei käiks

Liiva, Siiri; Pokk, Priit Magnaat 2024 / lk. 42-52 : fot https://www.ester.ee/record=b5166874*est
<https://arileht.delfi.ee/artikkel/120326464/suur-lugu-end-ules-tootanud-miljonarid-kart-ja-kristjan-liivamagi-ei-kujutaks-ette-elu-kus-nad-enam-tool-ei-kaiks>

End-to-end link availability assessments in an optical spectrum as a service use-case

Kaeval, Kaida 2024 International Conference on Optical Network Design and Modeling (ONDM) : proceedings 2024 / 6 p
<https://doi.org/10.23919/ONDM61578.2024.10582649>

Enefit Greeni juhatuse esimeheks saab Juhan Aguraiuja

Täker, A. postimees.ee 2024 [Enefit Greeni juhatuse esimeheks saab Juhan Aguraiuja](#)

Enefit Power kinnitab Virumaa kolledži keemiatehnoloogia mikroraadile kvaliteedimärgi

delfi.ee 2024 [Enefit Power kinnitab Virumaa kolledži keemiatehnoloogia mikroraadile kvaliteedimärgi](#)

Energeetik: lumi on kasulik looduslik ressurss

Krupenski, Igor toostusuudised.ee 2024 [Energeetik: lumi on kasulik looduslik ressurss](#)

Energeetikaekspertid andsid komisjonis meretuuleparkidele kriitilise vaate

err.ee 2024 [Energeetikaekspertid andsid komisjonis meretuuleparkidele kriitilise vaate](#)

Energeetiku rõõmuhetk : tahan siiralt toetada ja julgustada naisi nende enda teed järgima

Kudelina, Karolina postimees.ee 2024 [Energeetiku rõõmuhetk: tahan siiralt toetada ja julgustada naisi nende enda teed järgima](#)

Energy consumption evaluation of NOMA-based sustainable scheduling in 6G O-RAN

Latif, Aamir; Alam, Muhammad Mahtab; Elgarhy, Osama Mohamed Mostafa; Le Moullec, Yannick 2024 International Wireless Communications and Mobile Computing (IWCMC) 2024 / p. 484-489 <https://doi.org/10.1109/IWCMC61514.2024.10592553>

Energy efficiency and connectivity maximization for massive machine type communication in multi-cell NOMA

Latif, Aamir; Elgarhy, Osama Mohamed Mostafa; Le Moullec, Yannick; Alam, Muhammad Mahtab 2024 19th Biennial Baltic Electronics Conference (BEC) : October 2-4, 2024, Estonia 2024 / 6 p <https://doi.org/10.1109/BEC61458.2024.10737950> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Energy experts critical of government's offshore wind farms plan

news.err.ee 2024 [Energy experts critical of government's offshore wind farms plan](#)

Energy-efficient operation of linear Delta robots with an artificial intelligence model

Vodovozov, Valery; Raud, Zoja; Petlenkov, Eduard; Semjonova, Natalia 2024 19th Biennial Baltic Electronics Conference (BEC) 2024 / 5 p <https://doi.org/10.1109/BEC61458.2024.10737977> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Enerhack в четвертый раз организует летний лагерь для будущих инженеров и энергетиков. Среди спикеров Кристина Каллас, Пирет Хартман и олимпийская чемпионка Ирина Эмбрих

rus.delfi.ee 2024 [Enerhack в четвертый раз организует летний лагерь для будущих инженеров и энергетиков. Среди спикеров Кристина Каллас, Пирет Хартман и олимпийская чемпионка Ирина Эмбрих В TalTech в четвертый раз стартовал летний лагерь Enerhack](#)

Enerhacki laager õpetas energeetikat enam kui 600 lapsele = Этим летом Enerhack Camp оказался в Таллинне рекордным

postimees.ee 2024 [Enerhacki laager õpetas energeetikat enam kui 600 lapsele Этим летом Enerhack Camp оказался в Таллинне рекордным](#)

Engaging consumers through artificially intelligent technologies: Systematic review, conceptual model, and further research

Hollebeek, Linda Desiree; Menidjel, Choukri; Sarstedt, Marko; Jansson, Johan; Urbonavicius, Sigita Psychology and Marketing 2024 / art. 1326454, 18 p. : ill <https://doi.org/10.1002/mar.21957> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Enhanced anammox-mediated nitrogen removal in bioelectrochemical systems at prolonged negative electrode potentials

Priks, Hans; Zekker, Ivar; Nava, Antonio Ivan Manuell; Kumar, Rohit; Das, Sovik; Jaagura, Madis; Mamun, Faysal-Al; Bhowmick, Gourav Dhar; Tamm, Tarmo; Tenno, Taavo Environmental Science and Pollution Research 2024 / p. 63312 - 63324

<https://doi.org/10.1007/s11356-024-35405-0> Journal metrics at Scopus Article at Scopus

Enhanced approach of multilabel learning for the Arabic aspect category detection of the hotel reviews

Ameur, Asma; Hamdi, Sana; **Ben Yahia, Sadok** Computational intelligence 2024 / art. e12609, 23 p. : ill

<https://doi.org/10.1111/coin.12609> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Enhanced grain orientation in Sb₂Se₃ thin films deposited on Mo/BSG substrates via RF-sputtering and selenization

Uslu, Mehmet Ender; Muska, Katri; Pilvet, Maris; Bereznev, Sergei; Mikli, Valdek; Kauk-Kuusik, Marit; Grossberg-Kuusk, Maarja Materials science in semiconductor processing 2024 / art. 108835 <https://doi.org/10.1016/j.mssp.2024.108835>

Enhanced sustainability of aerated building blocks: Utilization of accelerated carbonation and oil shale ash in cement composites

Thomas, Adheena; Yörük, Can Rüstü; Pantšenko, Nata-Ly; Hain, Tiina; Uibu, Mai; Trikkel, Andres Book of abstracts of 2nd Central and Eastern European Conference on Physical Chemistry & Material Science (CEEPCMS2) 2024 / p. 35-36

<https://doi.org/10.5755/e01.9786090218693>

Enhanced switched impedance inverter with tapped inductor

Nozadian, Mohsen Hasan Babayi; **Hassanpour, Naser; Khan, Salman** 2024 IEEE 18th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2024 / 6 p <https://doi.org/10.1109/CPE-POWERENG60842.2024.10604411>

Enhancing assertion-based verification in hardware designs through data mining algorithms = Andmekaeve algoritmid kasutamine riistvarasüsteemide väidete-põhise verifitseerimise parendamiseks

Heidari Iman, Mohammad Reza 2024 <https://digikogu.taltech.ee/et/Item/622f3660-e890-454d-aa85-7cc505557f77>

<https://doi.org/10.23658/taltech.37/2024> https://www.ester.ee/record=b5694015*est

Enhancing bandgap depth in locally resonant metastructures via notch-filtered piezoelectric actuation

Alimohammadi, Hossein; Vassiljeva, Kristina; HosseinNia, S. Hassan; Petlenkov, Eduard 2024 IEEE International Conference on Industrial Technology (ICIT) 2024 <https://doi.org/10.1109/ICIT58233.2024.10540976> Conference Proceedings at Scopus Article at Scopus

Enhancing cerebral palsy gait analysis with 3D computer vision : a dual-camera approach

Valla, Elli; Kanter, Gert; Nömm, Sven; Kuusk, Anton Osvald; Maran, Peeter; Seenmaa, Karl Mihkel; Mägi, Killu; Toomela, Aaro 2024 10th International Conference on Control, Decision and Information Technologies (CoDIT) 2024 / p. 1352-1357

<https://doi.org/10.1109/CoDIT62066.2024.10708137> Article at Scopus

Enhancing CLT construction – Hygrothermal modelling, novel performance criterion, and strategies for end-grain moisture safety

Kalbe, Kristo; Pärn, Roland; Ruus, Aime; Kalamees, Targo Journal of building engineering 2024 / art. 111411

<https://doi.org/10.1016/j.jobbe.2024.111411>

Enhancing employee work engagement through High-performance Work Systems : evidence from an ICT company

Kütt, Maria; Terasmaa, Meelike IEEM 2024 : IEEE International Conference on Industrial Engineering and Engineering Management (IEEM) : Bangkok, Thailand, 15 Dec-18 Dec 2024 2024 / p. 614 - 617 <https://doi.org/10.1109/IEEM62345.2024.10857071> Conference proceedings at Scopus Article at Scopus

Enhancing fingerprinting-based 5G positioning accuracy with directionally transmitted synchronization signals

Müürsepp, Ivo; Alam, Muhammad Mahtab 2024 19th Biennial Baltic Electronics Conference (BEC) 2024 / 6 p.

<https://doi.org/10.1109/BEC61458.2024.10737987> Conference Proceedings at Scopus Article at Scopus Article at WOS

Enhancing global model performance in federated learning with non-IID data using a data-free generative diffusion model

Najafi, Mohammadreza; Daneshtalab, Masoud; Lee, Jeong-A; Saadloonah, Ghazal; Shin, Seokjoo IEEE Access 2024 / p.

148230-148239 : ill <https://doi.org/10.1109/ACCESS.2024.3474056> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Enhancing grid-forming converters control in hybrid AC/DC microgrids using bidirectional virtual inertia support

Bakeer, Abualkasim Ahmed Ali; Chub, Andrii; Abid, Abderahmane; Zaid, Sherif A.; Alghamdi, T. A. H.; Salama, Hossam S. Processes 2024 / art. 139 <https://doi.org/10.3390/pr12010139> <https://www.mdpi.com/2227-9717/12/1/139/htm> Journal metrics at Scopus

Article at Scopus Journal metrics at WOS Article at WOS

Enhancing inclusivity in higher education : the case of TEMI semi-autonomous robot for special needs students in technical courses

Budagov, Fuad; Leoste, Janika; Meeran, Mohammad Tariq AmiES-2023 : abstracts 2024 / 1 p http://international-symposium.org/amies_2023/proceedings_2023/Budagov_Leoste_Meeran

Enhancing IoT botnet attack detection in SOCs with an explainable active learning framework

Kalakoti, Rajesh; Nömm, Sven; Bahsi, Hayretin 2024 IEEE World AI IoT Congress (AlloT) 2024 / p. 265 - 272

<https://doi.org/10.1109/AlloT61789.2024.10578957> Article at Scopus Article at WOS

Enhancing maritime education and training through virtual collaborative learning environment

Masuku, Margaret Balungile; **Bauk, Sanja** XVI međunarodni naučno-stručni skup Informacione Tehnologije za e-Obrazovanje : ITeO : zbornik radova 2024 / p. 19-26 https://iteo.rs.ba/sites/default/files/ITeO_Zbornik%20radova%202024%20%281%29.pdf

Enhancing mobility as a service with autonomous last-mile shuttles and data exchange layer for public transport

Kalda, Krister; Sell, Raivo; Kivimäe, Martin Modern materials and manufacturing 2023 : Tallinn, Estonia, 2-4 May 2023 2024 / art. 020006 <https://doi.org/10.1063/5.0189880> Article at Scopus Conference Proceedings at Scopus

Enhancing oil spill detection, response and modeling in the Baltic Sea = Õlireostuse tuvastamise, modelleerimise ja sellele reageerimise tõhustamine Läänemeres

Pärt, Siim 2024 <https://doi.org/10.23658/taltech.61/2024> https://www.ester.ee/record=b5704342*est
<https://digikogu.taltech.ee/et/Item/0fc8b005-bd63-4a8d-a934-e89ec4d690be>

Enhancing patient safety through leadership : a comprehensive literature review on the role of head nurses in hospital settings

Linnik, Ljudmila; Sepp, Jaana; **Reinhold, Karin** Economics and business 2024 / p. 220-235 <https://doi.org/10.2478/eb-2023-0014>

Enhancing privacy risk modeling in practice: a case study of an e-justice system

Gakh, Valerii; Bahsi, Hayretin; Hoffmann, Thomas; Boyarchuk, Artem; Khramov, Oleksii IEEE Access 2024 / p. 183851-183874
<https://doi.org/10.1109/ACCESS.2024.3509332> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Enhancing public employment services with AI-enabled virtual competence assistant = Avalike tööturuteenuste parendamine tehisintellektil põhineva virtuaalse kompetentsiassistendiga

Liutkevičius, Markko 2024 https://www.ester.ee/record=b5702542*est <https://digikogu.taltech.ee/et/Item/05da711f-6b9e-4942-b6f1-50465521ccbb> <https://doi.org/10.23658/taltech.51/2024>

Enhancing PV hosting capacity and mitigating congestion in distribution networks with deep learning based PV forecasting and battery management

Shabbir, Noman; Kütt, Lauri; **Astapov, Victor**; **Daniel, Kamran**; Jawad, Muhammad; **Husev, Oleksandr**; **Rosin, Argo**; Martins, Joao Applied energy 2024 / art. 123770 <https://doi.org/10.1016/j.apenergy.2024.123770>

Enhancing the bending strength, load-carrying capacity and material efficiency of aspen and black alder plywood through thermo-mechanical densification of face veneers

Akkurt, Tolgay; Rohumaa, Anti; **Kallakas, Heikko**; Scharf, Alexander; **Kers, Jaan** Construction and building materials 2024 / art. 138555 <https://doi.org/10.1016/j.conbuildmat.2024.138555>

Enhancing the cyber resilience of sea drones

Orye, Erwin; **Visky, Gabor**; Rohl, Alexander; Maennel, Olaf Manuel CyCon 2024 : Over the Horizon 16th International Conference on Cyber Conflict 2024 / p. 83-102 https://ccdcoc.org/uploads/2024/05/CyCon_2024_Orye_Visky_Rohl_Maennel-1.pdf

Enhancing the tensile properties of laser repairing Ti-6Al-4V alloys: Optimization of strain distribution based on composition fine-tuning

Zhang, H.; Wang, G.; Yang, S.; Wang, N.; **Prashanth, Konda Gokuldoss**; Ye, Z.; Zhao, K.; Zhang, F.; Tan, H. Journal of Materials Science & Technology 2024 / p. 1-11 <https://doi.org/10.1016/j.jmst.2024.02.065>

Enhancing transmission line reliability : an AI-driven approach to fault identification and classification

Shabbir, Noman; **Kamran, Daniel**; Raja, Hadi Ashraf Electronics 2024

Enhancing university visitor satisfaction : a human-robot interaction study on the design and perception of a guiding robot assistant

Leoste, Janika; **Marmor, Kristel**; **Hollstein, Thomas**; Hinkelmann, Heiko; **Leoste, Leo Benjamin** Robotics in education : proceedings of the RiE 2024 conference 2024 / p. 223-234 https://doi.org/10.1007/978-3-031-67059-6_20 Conference Proceedings at Scopus Article at Scopus Article at WOS

Enhancing urban vitality: integrating traditional metrics with big data and socio-economic insights

Osunkoya, Kofoworola Modupe; **Partanen, Jenni** Journal of Spatial Information Science 2024 / p. 43-68
<https://doi.org/10.5311/JOSIS.2024.29.357> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Enn Listra : mõtle strateegiliselt, ära rapsi

Listra, Enn Trialoog 2024 <https://trialoog.taltech.ee/enn-listra-motle-strateegiliselt-ara-rapsi/>

Enn Listra: Enhancing impact and legitimacy at TalTech School of Business and Governance

Listra, Enn EFMD Global Blog 2024 [Enn Listra: Enhancing impact and legitimacy at TalTech School of Business and Governance](https://www.efmd.com/global-blog/enn-listra-enhancing-impact-and-legitimacy-at-taltech-school-of-business-and-governance/)

Enne süda, siis aju

Rüütmann, Tiia Trialoog 2024 [Enne süda, siis aju](#)

Ensuring sustainability in long-term care: Challenges and strategies for the European Union

Khalid, Sadia European Sting 2024 [Ensuring Sustainability in Long-Term Care: Challenges and Strategies for the European Union](#)

Entrepreneurial resilience amid the COVID-19 pandemic : echoes of a British catering and hospitality startup

Hammoda, Basel Osama Sayed Ahmed; Razgallah, Meriam Contemporary entrepreneurship : global perspectives and cases 2024 / p. 92-100 <https://doi.org/10.4324/9781003371403-13> https://www.ester.ee/record=b5670538*est

Environmental and economic life cycle assessment of enzymatic hydrolysis-based fish protein and oil extraction

Bashiri, Bashir; Cropotova, Janna; Kvangarsnes, Kristine; Gavrilova, Olga; Vilu, Raivo Resources 2024 / art. 61

<https://doi.org/10.3390/resources13050061> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Environmental and economic life cycle assessment of fish protein and oil extraction using enzymatic hydrolysis

Bashiri, Bashir; Cropotova, Janna; Kvangarsnes, Kristine; Vilu, Raivo Life Cycle Innovation Conference (LCIC2024) 2024 / art. 23

<https://fscic.org/lcic2024/lcic2024-posters/environmental-and-economic-life-cycle-assessment-of-fish-protein-and-oil-extraction-using-enzymatic-hydrolysis/>

Environmental impact assessment of continuous underwater noise in the Baltic Sea

Klauson, Aleksander; Mustonen, Mirko; Folegot, Thomas; Tougaard, Jakob Marine pollution bulletin 2024 / art. 117105, 12 p. : ill

<https://doi.org/10.1016/j.marpolbul.2024.117105> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Environmental impact of alternative red mud utilization for metal extraction

Vitvarova, Monika; Novacek, David; Barreneche, Camila; Svobodova, Adela; Nazir, Shareq; Souza, Pedro; Koci, Vladimir; Karaca, Arif; Preis, Sergei SETAC Europe 34th Annual Meeting : "Science-Based Solutions in Times of Crisis : Integrating Science and Policy for Environmental Challenges" : book of abstracts 2024 / abs.: 5.04.P-Tu504

<https://setac.confex.com/setac/europe2024/meetingapp.cgi/Paper/23388>

Environmental impact of water exchange blocking in a strait – a multidisciplinary study in the Baltic Sea

Liblik, Taavi; Buschmann, Fred; Siht, Ergo; Kuprijanov, Ivan; Väli, Germo; Lipp, Maarja; Erm, Ants; Laanemets, Jaan;

Eschbaum, Redik; Verliin, Aare; Saks, Lauri; Zekker, Ivar Oceanologia 2024 / p. 9-25 : ill <https://doi.org/10.1016/j.oceano.2023.06.002>

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Envisioning energy futures through visual images: What would a commons-based energy system look like?

Kostakis, Vasileios; Giotitsas, Christos; Kitsikopoulos, Dimitris Energy research & social science 2024 / art. 103771

<https://doi.org/10.1016/j.erss.2024.103771>

Envisioning the future renewable and resilient energy grids – a power grid revolution enabled by renewables, energy storage, and energy electronics

Peng, Fang Zheng; Liu, Chen-Ching; Li, Yuan; Jain, Akshay Kumar; Vinnikov, Dmitri IEEE journal of emerging and selected topics in industrial electronics 2024 / p. 8-26 <https://doi.org/10.1109/JESTIE.2023.3343291>

EOS - Environment & Oil Spill Response. An analytic tool for environmental assessments to support oil spill response planning: Framework, principles, and proof-of-concept by an Arctic example

Wegeberg, S.; Fritt-Rasmussen, J.; Gustavson, K.; Liloer, Madis-Jaak; Boertmann, D.; Christensen, T.; Johansen, K. L.; Spelling-Clausen, D.; Riget, F.; Mosbech, A. Marine pollution bulletin 2024 / art. 115948 <https://doi.org/10.1016/j.marpolbul.2023.115948> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Epidemiologically relevant phthalates affect human endometrial cells in vitro through cell specific gene expression changes related to the cytoskeleton and mitochondria

Visser, Nadja; Silva, Antero Vieira; Tarvainen, Ilari; Damdimopoulos, Anastasios; Davey, Eva; Roos, Kristine; Björvang, Richelle D.; Kallak, Theodora Kunovac; Lager, Susanne; Lavogina, Darja; Laws, Mary; Piltonen, Terhi; Salumets, Andres; Flaws, Jodi A.; Öberg, Mattias; Velthut-Meikas, Agne Reproductive toxicology 2024 / art. 108660 <https://doi.org/10.1016/j.reprotox.2024.108660> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Epigenetic and transcriptional control of adipocyte function by centenarian-associated SIRT6 N308K/A313S mutant

Frohlich, Jan; Liorni, Niccolo; Mangoni, Manuel; Lochmanová, Gabriela; Pirek, Pavlina; Kaštankova, Nikola; Pata, Pille; Kucera, Jan; Chaldakov, George N.; Tonchev, Anton B. Clinical epigenetics 2024 / art. 96 <https://doi.org/10.1186/s13148-024-01710-1>

Equality commissioner spending €700,000 to study effects of AI

news.err.ee 2024 [Equality commissioner spending €700,000 to study effects of AI](#)

Era- ja riskikapitali õppeaine Eesti ülikoolides üha populaarsem

Kald, Indrek ituudised.ee 2024 [Era- ja riskikapitali õppeaine Eesti ülikoolides üha populaarsem](#) [Eesti üliõpilased saavad taas era- ja riskikapitali teemadel käe valgeks teha](#)

Era of uncertain events: Swedish foreign trade in 2010–2023

Hilmola, Olli-Pekka Kristian; Fjellström, Daniella; Hilletoft, Per Marine development 2024 / art. 26 <https://doi.org/10.1007/s44312-024-00037-y>

E-rehkendus ei läinud nii hästi, kui arvasid? Matemaatikaõpetaja soovitab, kuidas paremini teha

postimees.ee 2024 [E-rehkendus ei läinud nii hästi, kui arvasid? Matemaatikaõpetaja soovitab, kuidas paremini teha](#)

E-rehkenduse esimene pääsuke läks uhkelt lendu

Viita-Neuhaus, Anu Postimees 2024 / lk. 6 <https://dea.digar.ee/article/postimees/2024/10/03/3.12>

Erosion wear behavior of HVOF-sprayed WC/Cr₃C₂-based cermet and martensitic stainless steel coatings on AlSi₇Mg0.3 alloy : a comparative study

Korobov, Yuri; Antonov, Maksim; Astafiev, Vladimir; Brodova, Irina; Kutaev, Vladimir; Estemirova, Svetlana; Devyatyarov, Mikhail; Okulov, Artem Journal of manufacturing and materials processing 2024 / art. 231 <https://doi.org/10.3390/jmmp8050231>

ERR-i finantsjuht ja VLÜ viiuldaja: tunnen puudust sündmustest, kus arutatakse, kuidas toimetada nappide ressurssidega

Reiter, Laura finantsuudised.ee 2024 [ERR-i finantsjuht ja VLÜ viiuldaja: tunnen puudust sündmustest, kus arutatakse, kuidas toimetada nappide ressurssidega](#)

ESG alusraamistikud

Ojasoo, Merle Personalijuhtimise käsiraamat 2024 / lk. 273-293 : ill https://www.ester.ee/record=b5650955*est

Esimene AI praktikute aastakonverents pakub kogemusi ja nõu. Laval hulk nimekaid esinejaid

ituudised.ee 2024 [Esimene AI praktikute aastakonverents pakub kogemusi ja nõu. Laval hulk nimekaid esinejaid](#)

Esimene stipendiaat on Silver Suup

Meremees : Eesti merendusajakiri = Estonian maritime magazine 2024 / lk. 12-13 : fot https://www.ester.ee/record=b4646644*est
https://issuu.com/ajakirimeremees/docs/meremees_nr_325-issuu

Esmakordne Eestis: TalTechi arengufond saab annetuse tokenites

Kald, Indrek; Toming, Elinor ituudised.ee 2024 <https://www.ituudised.ee/uudised/2024/11/19/esmakordne-eestis-taltech-arengufond-saab-annetuse-tokenites>

Esmakursuslastele juhatab ülikoolielu sisse eelpäev või -nädal

Veeroja, Kādi Mente et Manu 2024 / lk. 52-53 : fot https://www.ester.ee/record=b1242496*est

Esports between the sports and entertainment industry : In search of division lines

Gabriš, Tomas; Hamulak, Ondrej; Kocharyan, Hovsep; Martinez Ramil, Pablo TalTech Journal of European studies 2024 / p. 190-216 <https://doi.org/10.2478/bjes-2024-0022> https://www.ester.ee/record=b5290032*est Journal metrics at Scopus article at Scopus Journal metrics at WOS Article at WOS

Estiem LG Tallinn

Studioosus 2024 / lk. 20 : fot https://www.ester.ee/record=b1558644*est

Estimating fish swimming speed using non-invasive backpacksensors in a laboratory flume at high flow velocities

Kopecki, Iana; Tuhtan, Jeffrey Andrew; Wagner, Falko; Roessger, Tom; Hägele, Tobias; Schneider, Matthias; Hoerner, Stefan Proceedings of the 15th International Symposium on Ecohydraulics and Fish Passage 2024 (ISE-FP) 2024 / 1 p. https://www.sjweb.de/pdf/ISE_QuebecBackpackSensors_FishSpeed.pdf

Estimation of hybrid energy generation of solar-wind tower for electric vehicle charging : a case study of Indian highway

Singh, Samarendra Pratap; Tiwari, Prabhakar; Singh, Praveen Prakash; Singh, Sri Niwas Energy Storage 2024 / art. e70004 <https://doi.org/10.1002/est2.70004> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Estimation of peak voltage value and its occurrence timing upon non-sinusoidal supply voltage

Daniel, Kamran; Kütt, Lauri; Iqbal, Muhammad Naveed; Shabbir, Noman; Jarkovoi, Marek 2024 IEEE 18th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2024 / p. 1-6 <https://doi.org/10.1109/CPE-POWERENG60842.2024.10604412>

Estonia in the interwar world. The countries of the new Europe and the League of Nations: the case of the Baltic countries = Estonia en el mundo de entreguerras. Los países de la nueva Europa y la Sociedad de Naciones: el caso de los países Bálticos

Ramiro Troitino, David Revista de Estudios Europeos 2024 / p. 169-186 <https://doi.org/10.24197/ree.84.2024.169-186>

"Estonia" põhjakontakti modelleerimine ja avade tekkepõhjuste analüüs

Tabri, Kristjan Meremees : Eesti merendusajakiri = Estonian maritime magazine 2024 / lk. 20-24 : ill

https://www.ester.ee/record=b4646644*est

Estonian food tech startup Äio secures €6 million to turn wood into oils

Tambur, Silver estonianworld.com 2024 [Estonian food tech startup Äio secures €6 million to turn wood into oils](#)

Estonian largest career event Võti Tulevikku 2025

Kalkun, Kertu Studioosus 2024 / lk. 20 https://www.ester.ee/record=b1558644*est

Estonian researchers claim climate change not behind mammoths' extinction

news.err.ee 2024 [Estonian researchers claim climate change not behind mammoths' extinction](#)

Estonian scientists: Extinction of mammoths not caused by climate change

news.postimees.ee 2024 [Estonian scientists: Extinction of mammoths not caused by climate change](#)

Estonian student satellite Hämarik source of valuable lessons

news.err.ee 2024 [Estonian student satellite Hämarik source of valuable lessons](#)

Estonia's coastal sea temperatures remain highest in 30 years

news.err.ee 2024 [Estonia's coastal sea temperatures remain highest in 30 years](#)

Estonia's defense industry sector growing, but still under 1 percent of GDP

Klementi, Joakim news.err.ee 2024 [Estonia's defense industry sector growing, but still under 1 percent of GDP](#)

Estonia's student satellite burns up after four years in orbit = Эстонский студенческий спутник Hämarik сгорел в атмосфере

news.postimees.ee 2024 [Estonia's student satellite burns up after four years in orbit Эстонский студенческий спутник Hämarik сгорел в атмосфере](#)

Estonia's transport authority testing out bioasphalt on national road

Kenk, Olev news.err.ee 2024 [Estonia's transport authority testing out bioasphalt on national road](#)

ETAGi välisteaduskoostöö toetusmeetmete mõju : kvalitatiivuuringu tulemused

Riivits-Arkonsuo, Iivi; Saia, Koidu; Reidolf, Merli; Södör, Kaja; Kutsar, Dagmar; Mäger, Kadri 2024 https://etag.ee/wp-content/uploads/2022/07/ETAG_VTK_Aruanne_TalTech_23042024_LOPLIK.pdf

E-tervise keskus = Centre for Digital Health

Ross, Peeter Tervisetehnoloogiad eile, täna, homme : 30 aastat Tervisetehnoloogiade instituuti ning Eesti Biomeditsiinitehnika ja Meditsiini füüsika Ühingu = Health technologies yesterday, today and tomorrow : 30 years of the Department of Health Technologies and the Estonian Society for Biomedical Engineering and Medical Physics 2024 / lk. 29-30, p. 27-28 : ill

Ethical challenges in digital transformation for entrepreneurship : chapter 3

Pevkur, Aive Digital transformation for entrepreneurship 2024 / p. 17-30 https://doi.org/10.1142/9789811270178_0003

Ethics education in STEM in Eastern Europe, moral development or professional education?

Pevkur, Aive Building inclusive ethical cultures in STEM 2024 / p. 121-136 https://doi.org/10.1007/978-3-031-51560-6_8

Ettevõtete tugi aitab tudengeid püüdlustel insenerikutse omandamise poole

Alvela, Ain arileht.delfi.ee 2024 [Ettevõtete tugi aitab tudengeid püüdlustel insenerikutse omandamise poole](#)

Ettevõtja Guido Pärnits: Rikkamad peavad toetama nõrgemaid - see teeb ka kogu ühiskonna õnnelikumaks

Karlep, Ivo Pealinn 2024 / lk. 12-14 <https://dea.digar.ee/article/pealinn/2024/05/21/15.1>

Ettevõtlusaktiivsus kasvab hoolimata probleemidest

rup.ee 2024 [Ettevõtlusaktiivsus kasvab hoolimata probleemidest](#)

Ettevõtluse bakalaureuseõpe hakkab osaliselt toimuma Jõhvis

postimees.ee 2024 [Ettevõtluse bakalaureuseõpe hakkab osaliselt toimuma Jõhvis](#)

Ettevõtluskonto : tulekul muudatuste eeldatav mõju ettevõtetele ja majandusele laiemalt

Güldenkov, Maret Raamatupidamise Praktik : RP 2024 / lk. 16-20 : ill https://www.ester.ee/record=b2119353*est

Ettevõtluskonto muudatused on tulekul. "Need mõjutavad ettevõtteid ja majandust laiemalt"

Güldenkov, Maret raamatupidaja.ee 2024 [Ettevõtluskonto muudatused on tulekul. "Need mõjutavad ettevõtteid ja majandust laiemalt"](#)

ETV-s tele-esilinastub Kaupo Kruusiaugu dokfilm "Mees missioonil"

The EU AI act's alignment within the European Union's regulatory framework on artificial intelligence

Göksal, Saban Ibrahim; Solarte Vasquez, Maria Claudia; Chochia, Archil International and Comparative Law Review 2024 / p. 25 - 53 <https://doi.org/10.2478/iclr-2024-0017> <https://sciendo.com/article/10.2478/iclr-2024-0017>

EU legal framework of digital security vulnerabilities

Kasper, Agnes; Madi-Nator, Anett Legal issues of digitalisation, robotization and cyber security in the light of EU Law 2024 / p. 211-231 <https://law-store.wolterskluwer.com/s/product/legal-issues-of-digitalisation-robotization-and-cyber-security-in-the/01tPg000004QY29IAG>

EUKARYOME: the rRNA gene reference database for identification of all eukaryotes

Tedersoo, Leho; Hosseini-Moghaddam, Mahdieh S.; Mikryukov, Vladimir; Hakimzadeh, Ali; Bahram, Mohammad; Nilsson, Rolf Henrik; Yatsiuk, Iryna; Geisen, Stefan; Schwelm, Arne; Piwosz, Kasia; Prous, Marko; **Sildvee, Sirje; Laas, Peeter** Database 2024 / art. baee043 <https://doi.org/10.1093/database/baee043> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Eurocode 5 – 2nd generation – fire design

Just, Alar; Frangi, Andrea; Hakkarainen, Jouni; Schmid, Joachim; Werther, Norman; Krenn, Harald; Blondeau, Renaud 5th International Conference Forum Wood Building Baltic : 26-28 February 2024, Tallinn, Estonia : proceedings 2024 / p. 64-73 : ill <https://digikogu.taltech.ee/et/Item/22318c67-e0ef-42f1-88c7-34c9d9677b17> https://www.ester.ee/record=b5668645*est

Euroopa Hüpertensiooni Ühingu kongressil anti ülevaade kõrge vererõhu diagnoosimise ja ravi uuendustest

Viigimaa, Margus Lege Artis : ajakiri Eesti arstidele 2024 / lk. 27-31 : ill https://www.ester.ee/record=b1575283*est

Euroopa julgeolek vs. Eesti maavarad - kuidas leida säästlik kompromiss?

Virumaa Teataja 2024 / lk. 4 <https://dea.digar.ee/article/virumaateataja/2024/04/18/12>

Euroopa Liidu pool miljardit eurot on muutnud Ida-Virumaad paremaks elamispaigaks

pohjarannik.postimees.ee 2024 [Euroopa Liidu pool miljardit eurot on muutnud Ida-Virumaad paremaks elamispaigaks](#)

Euroopa Liit toetab Eesti elanike roheoskuste arendamist 15 miljoni euroga

rohe.geenius.ee 2024 [Euroopa Liit toetab Eesti elanike roheoskuste arendamist 15 miljoni euroga](#)

Euroopa peab vähendama julgeolekusõltuvust USAst

Mölder, Holger postimees.ee 2024 [Euroopa peab vähendama julgeolekusõltuvust USAst](#)

Euroopa teaduste akadeemiate visioon veatust teaduse finantseerimise süsteemist

Soomere, Tarmo Sirp 2024 / lk. 26-28 : ill <https://www.sirp.ee/s1-artiklid/c21-teadus/euroopa-teaduste-akadeemiate-visioon-veatust-teaduse-finantseerimise-susteemist/>

Euroopat kütvate hoovuste tulevikku varjutab katastroofilumm

Reimann, Andres novaator.err.ee 2024 [Euroopat kütvate hoovuste tulevikku varjutab katastroofilumm](#)

European Science Advice Forum (ESAF)

Eesti Teaduste Akadeemia sõnas ja pildis 2023 2024 / lk. 94 : fot https://www.ester.ee/record=b5054043*est

European Standards Regarding Paid Parental Leave in EU States in the Light of Examples of Good Practice for Ukraine

Fedorova, Alla; **Hamulak, Ondrej**; Sviatun, Olena European Studies : The Review of European Law, Economics and Politics 2024 <https://doi.org/10.2478/eustu-2024-0019>

European Values, artificial intelligence and e-governance in Estonia and EU

Salumaa-Lepik, Kärt; Nisu, Nele Internet of Things 2024 / art. 101278 <https://doi.org/10.1016/j.iot.2024.101278> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

[Evald Übi. Mängude matemaatika : sissejuhatus mänguteooriasse]

Übi, Evald Horisont 2024 / lk. 60 https://www.ester.ee/record=b1072243*est

Evaluating coastal vulnerability by temporal and spatial variation of parameters of the GEV distribution along the Baltic Sea coast

Viigand, Katri; Eelsalu, Maris; Soomere, Tarmo Journal of coastal research 2024 / p. 996-1000 <https://doi.org/10.2112/JCR-SI113-195.1>

Evaluating model performance through a user-centric explainable framework for probabilistic load forecasting models

Robin, Rebecca; Heistrene, Leena; **Belikov, Juri**; Baimel, Dmitry; Levron, Yoash 2024 Third International Conference on Power, Control and Computing Technologies (ICPC2T) 2024 / p. 427 - 432 <https://doi.org/10.1109/ICPC2T60072.2024.10474692> [Article at Scopus](#)

Evaluating NTT/INTT implementation styles for post-quantum cryptography

Imran, Malik; Khan, Safiullah; Khalid, Ayesha; Rafferty, Ciara; Ali Shah, Yasir; Pagliarini, Samuel; Rashid, Muhammad; O'Neill, Maire IEEE Embedded Systems Letters 2024 / p. 485 - 488 <https://doi.org/10.1109/LES.2024.3410516> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Evaluating the microstructural formation in Mo added Ti6Al4V alloy fabricated by direct energy deposition using a laser-stop strategy

Ye, Z.; Yu, Z.; Gao, P.; **Prashanth, Konda Gokuldoss**; Zhang, F.; Zhao, K.; Tan, H. Additive Manufacturing 2024 / art. 104226 <https://doi.org/10.1016/j.addma.2024.104226>

An evaluation and innovative coupling of seawater heat pumps in district heating networks

Ali, Hesham; **Hlebnikov, Aleksandr**; Pakere, Ieva; **Volkova, Anna** Energy 2024 / art. 133461 <https://doi.org/10.1016/j.energy.2024.133461>

Evaluation of deep learning-based depression detection using medical claims data

Bertl, Markus; **Bignoumba, Nzamba**; **Ross, Peeter**; **Ben Yahia, Sadok**; **Draheim, Dirk** Artificial intelligence in medicine 2024 / art. 102745, 16 p. : ill <https://doi.org/10.1016/j.artmed.2023.102745> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Evaluation of enzyme-constrained genome-scale model through metabolic engineering of anaerobic co-production of 2,3-butanediol and glycerol by *Saccharomyces cerevisiae*

Sjöberg, Gustav; **Rekena, Alina**; Fornstad, Matilda; **Lahtee, Petri-Jaan**; Van Maris, Antonius J. A. Metabolic engineering 2024 / p. 49-59 <https://doi.org/10.1016/j.jmben.2024.01.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Evaluation of swot sea level data in the coastal areas of the Baltic Sea

Kupavõh, Aleksei; **Delpêche-Elmann, Nicole Camille**; **Elmann, Artu** 30 years of progress in radar altimetry symposium, Montpellier, France, 2-7. Sept. 2024 : Abstract book 2024 / p. 213, art. 426 <https://az659834.vo.msecnd.net/eventsairwesteuprod/production-nikal-public/338507f0dac84686b1d40a263ba347c6>

Evaluation of the literature syntheses on lean construction contributions to sustainability

Tetik, Müge; **Koskela, Lauri Jaakko**; **Pikas, Ergo**; **Vendel, Kadi-Riin** Proceedings of the 32nd Annual Conference of the International Group for Lean Construction (IGLC 32) 2024 / p. 1027-1038 <https://doi.org/10.24928/2024/0194>

Evaluation of two-electrode system configurations for forearm arteries bioimpedance measurement

Metshein, Margus; **Pesti, Ksenija**; Lapsa, Didzis; **Annus, Paul**; Janeliukstis, Rims; Elsts, A.; **Märtens, Olev** 2024 IEEE International Instrumentation and Measurement Technology Conference (I2MTC) : proceedings 2024 / 6 p <https://doi.org/10.1109/I2MTC60896.2024.10561178>

Evidence for cryptic molting behavior in the trilobite *Toxochasmops vormsiensis* from the Upper Ordovician Katian Kõrgessaare Formation, Estonia

Bicknell, Russell D.C.; Vargas-Parra, Ernesto E.; Landman, Neil H.; **Pärnaste, Helje** Science of Nature 2024 / art. 22 <https://doi.org/10.1007/s00114-024-01906-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Evolution of a Katian tropical hardground

Toom, Ursula; Kröger, Björn; Knaust, Dirk; **Moghalu, Ogechukwu Ann**; Vöröš, Dominik; Vodrážková, Stanislava XI Baltic Stratigraphical Conference : abstracts and field guide 2024 / p. 39 https://www.ester.ee/record=b5696260*est <https://files.geocollections.info/95c3f9cd-1a5f-428b-a1a6-517682aced9d.pdf>

Examining the environmental risk factors of progressive-onset and relapsing-onset multiple sclerosis: recruitment challenges, potential bias, and statistical strategies

Li, Ying; Saul, Alice; Taylor, Bruce; Ponsonby, Anne-Louise; Simpson-Yap, Steve; Blizzard, Leigh; Broadley, Simon; Lechner-Scott, Jeannette; Karabudak, Rana; Patti, Francesco Journal of Neurology 2024 / p. 472 - 485 <https://doi.org/10.1007/s00415-023-11980-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Examining the performance of satellite altimetry (SWOT) sea level data in the coastal areas of the Baltic Sea

Kupavõh, Aleksei; **Delpêche-Elmann, Nicole Camille**; **Elmann, Artu**; **Soomere, Tarmo** Journal of coastal research 2024 / p. 534-538 <https://doi.org/10.2112/JCR-SI113-105.1>

An exhaustive multi-aspect analysis of swarm intelligence algorithms in numerical association rule mining

Kaushik, Minakshi; **Sharma, Rahul**; **Koiva, Pilleriin**; Fister, Iztok; **Draheim, Dirk** IEEE Access 2024 / p. 138985 - 139002 <https://doi.org/10.1109/ACCESS.2024.3417334> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Experimental challenges of guided wave tomography based on full waveform inversion for a pipe bend

Rasgado Moreno, Carlos Omar; Xu, Panpan; **Ratassepp, Madis** Guided Ultrasonic Waves: Emerging Methods (GUWEM): Linslerhof, Germany, 8-11 July 2024 : Abstracts 2024 / p. 30 <https://doi.org/10.5281/zenodo.12517188>

Experimental concept study of a small engine silencer unit based on microperforated elements

Villau, Margus; Rämmal, Hans; Lavrentjev, Jüri Proceedings of the Estonian Academy of Sciences 2024 / p. 159-167 : ill., fot
<https://doi.org/10.3176/proc.2024.2.09> https://www.ester.ee/record=b2355998*est

Experimental data on filling and emptying of a large-scale pipeline

Chen, Xifeng; Hou, Qingzhi; Laanearu, Janek; Tijsseling, Arris S. Scientific data 2024 / art. 603 <https://doi.org/10.1038/s41597-024-03441-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Experimental dataset on aluminium wedge slamming: Measurements of acceleration, pressure, strain, and video data

Hosseinzadeh, Saeed; Tabri, Kristjan; Sahk, Tarmo; Teär, Ruttar Data in brief 2024 / art. 110818
<https://doi.org/10.1016/j.dib.2024.110818> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Experimental measurements and numerical modelling of additively manufactured Fe-Si cores

Stella, Marco; Faba, Antonio; Fulginei, F. Riganti; Quercio, Michele; Scorretti, Riccardo; Bertolini, Vittorio; Sabino, Luis Gustavo; Tiismus, Hans; Kallaste, Ants; Cardelli, Ermanno Journal of magnetism and magnetic materials 2024 / art. 171752
<https://doi.org/10.1016/j.jmmm.2024.171752> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Experimental observation of crack formation on surface of charring timber

Rinta-Paavola, Aleks; Ferrantelli, Andrea; Hostikka, Simo Fire safety journal 2024 / art. 104231
<https://doi.org/10.1016/j.firesaf.2024.104231> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Experimental performance validation of Z-source DC circuit breaker for high impedance faults

Pogulaguntla, Aditya; Naik Banavath, Satish; Chub, Andrii; Vinnikov, Dmitri; Singh, Rajendra 2024 IEEE Sixth International Conference on DC Microgrids (ICDCM) 2024 / 5 p <https://doi.org/10.1109/ICDCM60322.2024.10664702>

Experimental study on the dynamic response of a 3-D wedge under asymmetric impact

Hosseinzadeh, Saeed; Tabri, Kristjan Journal of hydrodynamics 2024 / p. 263-274 <https://doi.org/10.1007/s42241-024-0023-9>

Experimental synergetics

Reedik, Vello Socio-technical synergetics 2024 / p. 16-21 : ill https://www.ester.ee/record=b5651350*est

Experimental validation and field trials of 5G cross-border connectivity

Elgarhy, Osama Mohamed Mostafa; Kulmar, Marika; Roosipuu, Priit; Rohtla, Margus; Le Moullec, Yannick; Kõrbe Kaare, Kati; Sadam, Arvi; Scholliers, Johan; Alam, Muhammad Mahtab 2024 IEEE Future Networks World Forum (FNWF) 2024 / p. 57-62
<https://doi.org/10.1109/FNWF63303.2024.11028794>

Experiments with LLMs for converting language to logic

Tammet, Tanel; Järv, Priit; Verrev, Martin; Draheim, Dirk Neural-Symbolic Learning and Reasoning : 18th International Conference, NeSy 2024, Barcelona, Spain, September 9–12, 2024, Proceedings, Part II 2024 / p. 305 - 314
https://doi.org/10.1007/978-3-031-71170-1_24 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Expert: Russia's shadow fleet could consist of thousands of vessels

Tapaninen, Ulla Pirta news.err.ee 2024 <https://news.err.ee/1609563568/expert-russia-s-shadow-fleet-could-consist-of-thousands-of-vessels>

Expert: Studded tired slowly becoming more environmentally friendly

Piir, Rait news.err.ee 2024 [Expert: Studded tired slowly becoming more environmentally friendly](#)

Experts still needed : boosting long-term android malware detection with active learning

Guerra-Manzanares, Alejandro; Bahsi, Hayretdin Journal of Computer Virology and Hacking Techniques 2024 / p. 901 - 918
<https://doi.org/10.1007/s11416-024-00536-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Experts: GPS jamming not to blame for Vilnius DHL cargo plane crash

err.ee 2024 [Experts: GPS jamming not to blame for Vilnius DHL cargo plane crash](#)

Experts: No need to worry about the impact of solar storms today

Piir, Rait news.err.ee 2024 [Experts: No need to worry about the impact of solar storms today](#)

Experts: Traffic in Tallinn comparable to Western Europe in the 1970s

Piir, Rait news.err.ee 2024 [Experts: Traffic in Tallinn comparable to Western Europe in the 1970s](#)

Explainable federated learning for Botnet Detection in IoT networks

Kalakoti, Rajesh; Bahsi, Hayretdin; Nömm, Sven Proceedings of the 2024 IEEE International Conference on Cyber Security and Resilience (CSR), September 2-4, 2024, London, UK 2024 / p. 22-29 <https://doi.org/10.1109/CSR61664.2024.10679348> [Article at Scopus](#) [Article at WOS](#)

Explaining switching behavior : consumer attention and choice in car insurance market
Kepp, Kaido; Männasoo, Kadri SSRN 2024 / 36 p. <https://dx.doi.org/10.2139/ssrn.4907134>

Exploration of lean construction in Japan and its paradoxical stance

Shigaki, Jeferson Shin-Iti; **Koskela, Lauri Jaakko**; Tezel, Algan; Pedo, Barbara Proceedings of the 32nd Annual Conference of the International Group for Lean Construction (IGLC 32) 2024 / p. 1219-1231 <https://doi.org/10.24928/2024/0193>

An exploration of quantitative models and algorithms for vehicle routing optimization and traveling salesman problems

Lähdeaho, Oskari; **Hilmola, Olli-Pekka Kristian** Supply chain analytics 2024 / art. 100056 <https://doi.org/10.1016/j.sca.2023.100056>

Exploring challenges in remote communication : comparing teleconferencing software and telepresence robots usage in higher education

Talisainen, Aleksei; Leoste, Janika; Virkus, Sirje Proceedings of the Future Technologies Conference (FTC) 2024, Volume 2 2024 / p. 287 - 300 https://doi.org/10.1007/978-3-031-73122-8_18 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Exploring critical element enrichment pathways in black shales : a case study of Türisalu formation in Estonia

Ndiaye, Mawo; Kallaste, Toivo; Graul, Sophie Jane Marie-Pascale Huguet; Hints, Rutt 4th European Mineralogical Conference. Dublin, Ireland : programme and abstracts 2024 <https://www.minersoc.org/wp-content/uploads/2024/09/EMC-Programme-and-Abstracts-FINAL.pdf>

Exploring heat demand forecasting in district heating networks using random parameter linear regression model

Ali, Hesham; Dedov, Andrei; Volkova, Anna Environmental and Climate Technologies 2024 / p. 670-685
<https://doi.org/10.2478/rtuct-2024-0052>

Exploring historical maritime cyber-attacks and introducing maritime security operations center as a solution to mitigate them

Nasr, Ahmed Nagi Abdelaziz Mohamed; Leiger, Roomet; Zaitseva-Pärnaste, Inga; Kujala, Pentti Jouko Sakari Theory and practice of shipbuilding : Proceedings of the 26th Symposium (SORTA 2024), Zadar, Croatia, 2-5 October 2024 2024 / p. 235-245
<https://doi.org/10.3233/PMST240042> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Exploring internally coupled resonator's dynamics and spatial variability in metamaterials for vibration suppression

Alimohammadi, Hossein; Vassiljeva, Kristina; Hosseinia, S. Hassan; **Petlenkov, Eduard** Active and Passive Smart Structures and Integrated Systems XVII 2024 / art. 1294614 <https://doi.org/10.1117/12.3024067> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Exploring the Efficacy of Random Linear Parameter Models for Forecasting Heating Demand in District Heating Networks

Ali, Hesham Abed Al-Same Jamil; Dedov, Andrei; Volkova, Anna XVII International Scientific Conference of Environmental and Climate Technologies: Book of Abstracts 2024 / p. 31 <https://doi.org/10.7250/CONNECT.2024.016>

Exploring the journey towards smarter sustainable cities : capacity development for evolving governance practices =

Teel targemate jätkusuutlike linnade poole : arenevate valitsemisstruktuuride suutlikkuse kasvatamine

Schuch de Azambuja, Luiza 2024 https://www.ester.ee/record=b5685122*est <https://doi.org/10.23658/taltech.23/2024>
<https://digikogu.taltech.ee/et/Item/b108198f-303b-4bd8-9eca-c2859abcedf1>

Exploring the potential of microbial biomass and microbial extracted oils in tribology: a sustainable frontier for environmentally acceptable lubricants

Bernat, Szymon; Di Bartolomeo, Francesca; Armada, Sergio; Valaker, Emil; **Bonturi, Nemailla**; Koseto, Deni; Haugen, Tone; Kvernbraten, Ann-Karin; Stavarek, Petr; Vecer, Marek; Zelenka, Ladislav Green chemistry letters and reviews 2024 / art. 2330644
<https://doi.org/10.1080/17518253.2024.2330644> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Exploring the power of telepresence: enhancing education through telepresence robots

Kasuk, Tiina; Virkus, Sirje Information and Learning Science 2024 / p. 109 - 137 <https://doi.org/10.1108/ILS-07-2023-0093> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Exploring the real-world challenges and efficacy of internal coupling in metastructures : an experimental perspective

Alimohammadi, Hossein; Vassiljeva, Kristina; Hosseinia, S. Hassan; **Ellervee, Peeter**; **Petlenkov, Eduard** 2024 International Conference on Electrical, Computer and Energy Technologies (ICECET) 2024 <https://doi.org/10.1109/ICECET61485.2024.10698725>
[Article at Scopus](#)

Exploring the resilience and stability of a defined human gut microbiota consortium : an isothermal microcalorimetric study

Kattel, Anna; Aro, Valter; Lahtvee, Petri-Jaan; Kazantseva, Jekaterina; Jöers, Arvi; Nahku, Ranno; Belouah, Isma MicrobiologyOpen 2024 / art. e1430 <https://doi.org/10.1002/mbo3.1430> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Exploring the roots of sustainable HR practices in Estonian firms

Ahmadov, Tarlan; Tsiskaridze, Rusudan; Gerstlberger, Wolfgang Dieter Innovations and Contemporary Trends in Business & Economics 2024 / p. 129-140 <https://doi.org/10.3726/b22148>

Extended observer form for nonlinear system with disturbances : Algorithm and application

Kaparin, Vadim; Simha, Ashutosh; Chowdhury, Nilanjan Roy; **Kotta, Ülle;** Levron, Yoash; **Belikov, Juri** 2024 18th International Conference on Control, Automation, Robotics and Vision (ICARCV) 2024 <https://doi.org/10.1109/ICARCV63323.2024.10821609>

Extended observer form with vector fields

Mullari, Tanel; Kotta, Ülle; Kaldmäe, Arvo; Kaparin, Vadim; Simha, Ashutosh International journal of control 2024 / p. 2399 - 2412 <https://doi.org/10.1080/00207179.2023.2274060> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Pizzagalli, Simone Luca 2024 https://www.ester.ee/record=b5694235*est <https://digikogu.taltech.ee/et/Item/c2c7e80f-6a3c-49fc-8311-6b8f13e75270> <https://doi.org/10.23658/taltech.42/2024>

Extending multi-criteria coastal vulnerability assessment to low-lying inland areas: Examples from Estonia, eastern Baltic Sea

Barzehkar, Mojtaba; Parnell, Kevin Ellis; Soomere, Tarmo Estuarine, coastal and shelf science 2024 / art. 109014 <https://doi.org/10.1016/j.ecss.2024.109014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Есть простой способ разрушить военно-технический потенциал Вооруженных сил РФ

Tsybulenko, Evhen rus.delfi.ee 2024 [Есть простой способ разрушить военно-технический потенциал Вооруженных сил РФ](#)

Fabrication of novel SiOxNy/SWCNT laminate-type composite protective coating using low-temperature approach

Shmagina, Elizaveta; Volobujeva, Olga; Nasibulin, Albert; Bereznev, Sergei Ceramics international 2024 / p. 34312-34320 <https://doi.org/10.1016/j.ceramint.2024.06.250> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Factors contributing to the potential expansion of Limnomonas gairiensis (Chlamydomonadales, Chlorophyta) in freshwater lakes in Northern Europe

Sildever, Sirje; Stewart, Rebecca I. A.; Tesson, Sylvie V. M. European journal of phycology 2024 / p. 169-183 <https://doi.org/10.1080/09670262.2023.2274080> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fahle linnakusse kerkib 13 miljonit maksev puidust kõrghoone

postimees.ee 2024 [Fahle linnakusse kerkib 13 miljonit maksev puidust kõrghoone](#)

Fahlesse kerkib puidust kõrghoone

Ehitaja 2024 / lk. 9 : ill https://www.ester.ee/record=b1072123*est

«Faktid» on ohtlikud. Eriti kui seatakse kahtluse alla Eesti riigivõimu legitiimsus

Listra, Enn postimees.ee 2024 [«Faktid» on ohtlikud. Eriti kui seatakse kahtluse alla Eesti riigivõimu legitiimsus](#)

Familial hypercholesterolaemia in children and adolescents from 48 countries : a cross-sectional study

Dharmayat, Kanika Inamdar; Vallejo-Vaz, Antonio J.; Stevens, Christophe A.T.; Brandts, Julia M.; Lyons, Alexander R.M.; Groselj, Urh; Abifadel, Marianne; **Viigimaa, Margus** The Lancet 2024 / p. 55 - 66 [https://doi.org/10.1016/S0140-6736\(23\)01842-1](https://doi.org/10.1016/S0140-6736(23)01842-1) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Farewell, kapten Vello Mäss! 26. X 1940-16. VI 2024 : in memoriam

Albri, Rein Meremees : Eesti merendusajakiri = Estonian maritime magazine 2024 / lk. 30-31 : fot https://www.ester.ee/record=b4646644*est https://issuu.com/ajakirimeremees/docs/meremees_nr_325-issuu

Fault simulation and analysis of high-voltage circuit breaker's spring charging mechanism using a universal motor model

Asad, Bilal; Vaimann, Toomas; Kallaste, Ants; Kilter, Jako; Sardar, Muhammad Usman 2024 IEEE 65th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2024 / 5 p <https://doi.org/10.1109/RTUCON62997.2024.10830846>

Feasibility study of a DC house connected to a conventional AC distribution network

Hokmabad, Hossein Nourollahi; Shabir, Noman; Astapov, Victor; Petlenkov, Eduard; Husev, Oleksandr; Belikov, Juri 2024 IEEE 18th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2024 / 6 p <https://doi.org/10.1109/CPE-POWERENG60842.2024.10604419>

Feasibility study of high-power density of modified isolated CLLC DC-DC interface with wide range of voltage/current regulation

Husev, Oleksandr; Matiushkin, Oleksandr; Mohseni, Parham; Canales, Francisco PCIM Europe 2024 2024 / 10 p <https://doi.org/10.30420/56626211>

Feasibility study of three-phase modular converter for dual-purpose application in DC and AC microgrids

Roncero-Clemente, Carlos; **Husev, Oleksandr; Matiushkin, Oleksandr**; Gutierrez-Escalona, Javier; Barrero-Gonzalez, Fermin; **Vinnikov, Dmitri**; Strzelecki, Ryszard IEEE journal of emerging and selected topics in power electronics 2024 / p. 1348-1358
<https://doi.org/10.1109/JESTPE.2023.3247960>

Fe-Ni binder modified NbC cermets: A cost-effective solution with superior mechanical properties

Basit, Muhammad Abdul; **Anwar, Furqan**; Ali, Sadaqat; Umer, Malik Adeel; Shahbaz, Tauheed; Ud Din, Emad; Mubashar, Aamir Ceramics international 2024 / p. 47768-47779 : ill <https://doi.org/10.1016/j.ceramint.2024.09.121> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fermi Energia uue põlvkonna tuumaenergia konverents „Tark rahvas, tark energia“

delfi.ee 2024 [Fermi Energia uue põlvkonna tuumaenergia konverents „Tark rahvas, tark energia“](#)

Fernando in Technical University of Denmark

Toral, Fernando Enmanuel Guime Studioosus 2024 / lk. 32-33 : fot https://www.ester.ee/record=b1558644*est

Fiber-reinforced plywood: Increased performance with less raw material

Saal, Kristjan; Kallakas, Heikko; Tuhkanen, Eero; Just, Alar; Rohumaa, Anti; Kers, Jaan; Kalamees, Targo; Lõhmus, Rünno Materials 2024 / art. 3218 <https://doi.org/10.3390/ma17133218> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

5th International Conference Forum Wood Building Baltic : 26-28 February 2024, Tallinn, Estonia : proceedings

2024 <https://digikogu.taltech.ee/et/Item/22318c67-e0ef-42f1-88c7-34c9d9677b17> https://www.ester.ee/record=b5668645*est

Filmimees Rao Heidmets: „Kui sõda on jõudnud sinu koduhoovi, siis kardinate ettetõmbamine ei päästa“

Heidmets, Rao maaleht.delfi.ee 2024 [Filmimees Rao Heidmets: „Kui sõda on jõudnud sinu koduhoovi, siis kardinate ettetõmbamine ei päästa“](#)

Filosoof: eetikakomiteede töös pole enam eetika lõhnagi

Reimann, Andres novaator.err.ee 2024 [Filosoof: eetikakomiteede töös pole enam eetika lõhnagi](#)

Find your limits and break them! Nurturing students' entrepreneurship competence through innovative teaching methods and self-assessment

Antonelli, Gilda; **Venesaar, Urve**; Riviezzo, Angelo; **Kallaste, Marianne**; Dorozynski, Tomasz Journal of enterprising communities 2024 / p. 29-48 <https://doi.org/10.1108/JEC-10-2022-0148> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Finetuning end-to-end models for Estonian conversational spoken language translation

Sildam, Tiia; Velve, Andra; Alumäe, Tanel Proceedings of the The Seventh Workshop on Technologies for Machine Translation of Low-Resource Languages (LoResMT 2024) 2024 / p. 166–174 <https://doi.org/10.18653/v1/2024.loresmt-1.17> [Article at Scopus](#)

A finite element method for determining the mechanical properties of electrospun nanofibrous mats

Sanchaniya, Jaymin Vrajlal; Lasenko, Inga; Gobins, Valters; Kobeissi, Alaa; **Goljandin, Dmitri** Polymers 2024 / art. 852
<https://doi.org/10.3390/polym16060852> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Finnish energy renovation subsidies in multifamily apartment buildings : Lessons learnt and best practices

Hajian, Hatef; Pylsy, Petri; **Simson, Raimo**; Ahmed, Kaiser; Sankelo, Paula; **Mikola, Alo**; Kurnitski, Jarek Energy and buildings 2024 / art. 113986 <https://doi.org/10.1016/j.enbuild.2024.113986>

Fire fighters' psychosocial risks and physical fitness : evidence-based study from Estonia

Reinhold, Karin; Järvis, Marina; Hartšenko, Jelena SHS Web of Conferences, vol. 184 2024 / art. 04002
<https://doi.org/10.1051/shsconf/202418404002>

Firefighters' well-being: A longitudinal study on mental and physical health factors within Estonia's fire service

Reinhold, Karin; Järvis, Marina Book of Proceedings : 16th Conference of the European Academy of Occupational Health Psychology : Contributions of OHP to Social Justice, Granada, Spain, 5-7 June 2024 2024 / p. 762
https://eaohp.org/eaohp_2024/program_events/

First aulaceratid stromatoporoid from Baltica

Jeon, Juwan; **Toom, Ursula** XI Baltic Stratigraphical Conference : abstracts and field guide 2024 / p. 17
https://www.ester.ee/record=b5696260*est <https://kirjandus.geoloogia.info/en/reference/49701>

First report of an aulaceratid stromatoporoid from the Ordovician of Baltica

Jeon, Juwan; **Toom, Ursula** Estonian journal of earth sciences 2024 / p. 71-80 : ill <https://doi.org/10.3176/earth.2024.07>

Fiscal performance under inflation and inflation surprises : evidence from fiscal reaction functions for the euro area

Staehr, Karsten; Tkacevs, Olegs; **Urke, Katri** Review of world economics 2024 / p. 1477–1504 <https://doi.org/10.1007/s10290-024->

Fish downstream passage over weirs at low-head hydropower plants : field study of total dissolved gas concentrations
 Süss, Gabor; Albayrak, Ismail; Evers, Frederic M.; **Tuhtan, Jeffrey Andrew**; Boes, Robert Proceedings of the 10th International Symposium on Hydraulic Structures 2024 / p. 750 - 759 : ill <https://doi.org/10.3929/ethz-b-000676021>

Flexible data acquisition system with custom front-end for ultrasonic NDT research

Peng, Chengxiang; Ratassepp, Madis; Annus, Paul; Rist, Marek; Land, Raul; Märtens, Olev 2024 19th Biennial Baltic Electronics Conference (BEC) 2024 / 4 p <https://doi.org/10.1109/BEC61458.2024.10737989> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Flood data platform governance : identifying the technological and socio-technical approach(es) differences

Fadmastuti, Mahardika; Nowak, David; Crompvoets, Joep Environmental science & policy 2024 / art. 103938
<https://doi.org/10.1016/j.envsci.2024.103938>

Fluorene- and fluorenone-based molecules as electron-transporting SAMs for photovoltaic devices

Svirskaitė, Lauryna Monika; Kasparavicius, Ernestas; Steponaitis, Matas; Grzibovskis, Raitis; Franckevicius, Marius; **Katerski, Atanas**; Naujokaitis, Arnas; Karazhanov, Smagul; Gopi, Sajeesh Vadakkedath; Aizstrauts, Arturs RSC advances 2024 / p. 14973-14981 <https://doi.org/10.1039/D4RA00964A> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fookuses on tudengite vaimne tervis

Järv, Emili Mente et Manu 2024 / lk. 56-57 : ill https://www.ester.ee/record=b1242496*est

Forecasting demand-side flexibility of a household with dynamic consumer behavior analysis

Shahid, Arqum; Ahmadiyahangar, Roya; Rosin, Argo; Korõtko, Tarmo IEEE PES Innovative Smart Grid Technologies Conference Europe (ISGT Europe 2024) : proceedings 2024 / 5 p <https://doi.org/10.1109/ISGTEUROPE62998.2024.10863005>

Forecasting PV energy generation using transformer-based architectures: A comparative study of Lag-Llama, TFT, and DeepAR

Amjad, Furqan; Korõtko, Tarmo; Rosin, Argo 2024 IEEE 65th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2024 / 6 p <https://doi.org/10.1109/RTUCON62997.2024.10830763>

Forecasting sea level maxima using machine learning models in the Baltic Sea

Rajabi-Kiasari, Saeed; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu International Liège Colloquium 2024 : Ocean Extremes 2024 / 1 p https://gher-uliege.github.io/liege-colloquium-2024/abstracts/2024-01-26_12:01:45_IP_193.40.250.130.pdf

Foreword

Karjust, Kristo Proceedings of the Estonian Academy of Sciences 2024 / lk. 99 <https://doi.org/10.3176/proc.2024.2.03>
https://www.ester.ee/record=b2355998*est

Foreword

Mets, Ave; **Müürsepp, Peeter**; Lõhkivi, Endla Acta Baltica Historiae et Philosophiae Scientiarum 2024 / p. 3-5
<https://doi.org/10.11590/abhps.2024.1.00> [Journal metrics at Scopus](#) [Article at Scopus](#)

Formal synthesis of 9,11-Secosterols

Rõuk, Kristi; Kõllo, Marek; Lopp, Margus Balticum Organicum Syntheticum (BOS 2024) : Book of Abstracts 2024 / art. 115, p. 134
https://boschem.eu/bos2024/wp-content/uploads/sites/5/2024/07/BOS2024_Abtract-Book.pdf

Formation of property gradient in coarse-grained niobium using a wedge tool : experiment and analysis

Tarasov, Oleksandr; **Kübarsepp, Jakob; Viljus, Mart; Saarna, Mart; Sergejev, Fjodor** International journal of refractory metals and hard materials 2024 / art. 106905 <https://doi.org/10.1016/j.jirmhm.2024.106905>

Formula Student team Tallinn

Studioosus 2024 / lk. 21 : fot https://www.ester.ee/record=b1242496*est