

A simple approach to determine the stokes drift for the entire Baltic Sea

Lehmann, Andreas; **Didenkulova, Irina**; Höfllich, Katharina 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 57 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

A software platform to collect and store GPS drifter data

Giudici, Andrea; **Soomere, Tarmo** 2019 European Space Agency Living Planet Symposium 2019 / 1 p <https://lps19.esa.int/NikaWebsitePortal/living-planet-symposium-2019/lps19/Speaker>

Abrupt changes in wave climate of regional seas caused by large-scale atmospheric forcing and teleconnections

Kudryavtseva, Nadezhda Geophysical research abstracts 2020 / EGU2020-22430 <https://doi.org/10.5194/egusphere-egu2020-22430>

The absence of active creatine kinase system influences cardiac calcium handling

Laasmaa, Martin; **Branovets, Jelena**; **Karro, Niina**; **Birkedal Nielsen, Rikke**; **Vendelin, Marko** Biophysical journal 2019 / Poster 484 ; p. 96a <https://doi.org/10.1016/j.bpj.2018.11.558>

Absolute Dynamic Topography : corrected Nemo-Nordic Model for the Baltic Sea

Jahanmard, Vahidreza; **Delpeche-Ellmann, Nicole Camille**; **Ellmann, Artu** 2023 <https://doi.org/10.17882/96784>

Absolute dynamic topography through synergizing sea level data sources utilizing a common and stable reference surface

Jahanmard, Vahidreza; **Delpeche-Ellmann, Nicole Camille**; **Ellmann, Artu** XXVIII General Assembly of the International Union of Geodesy and Geophysics (IUGG) 2023 <https://doi.org/10.57757/IUGG23-1756>

Academies and knowledge management

Engelbrecht, Jüri Cadmus 2021 / p. 56-57 <http://www.cadmusjournal.org/article/volume-4/issue-4/academies-and-knowledge-management>
<http://www.cadmusjournal.org/files/pdfreprints/vol4issue4/Academies-and-Knowledge-Management-JEngelbrecht-Cadmus-V4-I4-Reprint.pdf>

Academies and the information-rich society

Engelbrecht, Jüri The role of academies in sustaining European knowledge societies in times of crisis 2020 / p. 37-44 <https://www.accademiadelle scienze.it/attivita/editoria/periodici-e-collane/quaderni/quaderno-n-35-2020>

Accurate dynamic topography by satellite altimetry and marine geoid model

Mostafavi, Majid; **Delpeche-Ellmann, Nicole Camille**; **Ellmann, Artu** 13th Coastal Altimetry Workshop & Coastal Altimetry Training, 6-10 February 2023, Universidad de Cádiz, Spain : abstract 2023 / p. 36 <https://www.coastalaltimetry.org/NikaWebsitePortal/coastal-altimetry-workshop/esa/ExtraContent/ContentSubPage?page=8&subPage=3>

Accurate sea surface heights from Sentinel-3A and Jason-3 retracers by incorporating high-resolution marine geoid and hydrodynamic models

Mostafavi, Majid; **Delpeche-Ellmann, Nicole Camille**; **Ellmann, Artu** Journal of geodetic science 2021 / p. 58-74 <https://doi.org/10.1515/jogs-2020-0120> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Achieving the sustainable development goals: concepts and actors

Engelbrecht, Jüri; Šlaus, Ivo Transforming our world: necessary, urgent, and still possible 2020 / p. 138-182 <https://www.cambridgescholars.com/resources/pdfs/978-1-5275-4736-0-sample.pdf>

Acousto-mechanical instrumentation of multiscale hysteretic memristive properties of the skin with nonlinear time reversal imaging

Dos Santos, Serge; **Lints, Martin**; **Masood, Ali**; **Salupere, Andrus** 2017 Cosmetic Measurements and Testing (COSMETIC 2017), Cergy-Pontoise, France, 6 - 7 June 2017 2017 / p. 16-19 : ill <http://dx.doi.org/10.1109/COMET.2017.8521466>

Adaptive LINE-P : an adaptive linear energy prediction model for wireless sensor network nodes

Ahmed, Faisal; **Tamberg, Gert**; **Le Moullec, Yannick**; **Annus, Paul** Sensors 2018 / art. 1105, 26 p. : ill <https://doi.org/10.3390/s18041105> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Adaptive LQR controller for Networked Control Systems subjected to random communication delays

Srinivasan, Seshadhri; Vallabhan, Mishiga; Ramaswamy, Srin; **Kotta, Ülle** American Control Conference (ACC), 2013 : 17 - 19 June 2013, Washington, DC, USA (2013) 2013 / p. 783 - 787 <https://doi.org/10.1109/acc.2013.6579931> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

ADCS development for student CubeSat satellites - TalTech case study

Rassõlkin, Anton; **Vaimann, Toomas**; **Org, Peeter**; **Leibak, Alar**; **Gordon, Rauno**; **Priidel, Eiko** Proceedings of the Estonian Academy of Sciences 2021 / p. 268-285 : ill <https://doi.org/10.3176/proc.2021.3.06> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

ADP protects cardiac mitochondria under severe oxidative stress

Sokolova, Niina; Pan, Shi; Provazza, Sarah; Beutner, Gisela; **Vendelin, Marko;** **Birkedal, Rikke;** Sheu, Shey-Shing PLoS ONE 2013 / art. e83214 <https://doi.org/10.1371/journal.pone.0083214> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Advances in room temperature fluoride-ion batteries

Molaiyan, Palanivel; Mohammad, Irshad; Witter, Raiker 20th International Conference on Advanced Energy Materials and Research, August 13-14, 2018, Dublin, Ireland : posters 2018 / p. 94 : ill <https://doi.org/10.4172/2576-1463-C1-003>

Afganistani teaduse areng mustast august määratusse

Soomere, Tarmo Postimees 2021 / Lk. 8 <https://dea.digar.ee/article/postimees/2021/09/04/12.4>

Ago Samoson: Eesti elekter ei ole Euroopa elekter [Võrguväljaanne]

Samoson, Ago err.ee 2021 ["Ago Samoson: Eesti elekter ei ole Euroopa elekter "](#)

Ago Samoson: omadele kõik, teistele (vaenukõne) seadus [Võrguväljaanne]

Samoson, Ago postimees.ee 2021 ["Ago Samoson: omadele kõik, teistele \(vaenukõne\) seadus"](#)

Ago Samoson: president kui ülikooli rektor [Võrguväljaanne]

Samoson, Ago postimees.ee 2021 ["Ago Samoson: president kui ülikooli rektor "](#)

Ago Samoson: riiki peaks pidevalt kraadima [Võrguväljaanne]

Samoson, Ago postimees.ee 2021 ["Ago Samoson: riiki peaks pidevalt kraadima"](#)

Ago Samoson: roosa kass püüab hiiri [Võrguväljaanne]

Samoson, Ago postimees.ee 2021 <https://leht.postimees.ee/7178079/ago-samoson-roosa-kass-puuab-hiiri>

Aimeraamat arvutitest ja nende eduloost

Tõugu, Enn Postimees 2018 / Raamat, lk. 5

Airborne laser scanning derived sea surface height datasets in the Gulf of Finland (10.05.2018)

Varbla, Sander; Ellmann, Artu; Delpeche-Ellmann, Nicole Camille SEANOE 2020 <https://doi.org/10.17882/76491>

Akadeemia : Eesti Kirjanike Liidu kuukiri Tartus / SA Kultuurileht

2018 https://www.ester.ee/record=b1071914*est

Akadeemia 2017. aasta aruanne : president Tarmo Soomere [ettekanne Eesti TA üldkogu aastakoosolekul 20. apr. 2018]

Soomere, Tarmo Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2018 2019 / lk. 46-48

Akadeemia 2018. aasta aruanne : president Tarmo Soomere [ettekanne Eesti TA üldkogu aastakoosolekul 24. aprillil 2019]

Soomere, Tarmo Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2019 2020 / lk. 81-84 https://www.ester.ee/record=b1218094*est

Akadeemia juures tegutsevad ekspertkogud : Mereteaduste komisjon

Soomere, Tarmo Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2022 2023 / lk. 29-30 https://www.ester.ee/record=b1218094*est

Akadeemia panustab õmblusteta ühiskonda

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 349-358 https://www.ester.ee/record=b5521198*est
<http://www.sirp.ee/s1-artiklid/c21-teadus/akadeemia-panustab-omblusteta-uhiskonda/>

Akadeemia panustab õmblusteta ühiskonda

Soomere, Tarmo Sirp 2018 / lk. 72-74 : fot <http://www.sirp.ee/s1-artiklid/c21-teadus/akadeemia-panustab-omblusteta-uhiskonda/>

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

Akadeemia presidendi [Tarmo Soomere] avakõne : [akadeemikukandidaatide konverentsil Eesti Teaduste Akadeemias 9. nov. 2018]

Soomere, Tarmo Eesti Teaduste Akadeemia sõnas ja pildis 2018 2019 / lk. 62 : ill

Akadeemia riikide ja kontinentide nõustamise keerukal tööpõllul

Soomere, Tarmo Eesti Teaduste Akadeemia sõnas ja pildis 2021 2022 / lk. 87-92 : fot https://www.ester.ee/record=b5054043*est

Akadeemia soovitusel teadusleppe realiseerimiseks

Soomere, Tarmo Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2019 2020 / lk. 84-86 https://www.ester.ee/record=b1218094*est

Akadeemia tegevusest 2016. aastal : president Tarmo Soomere : [ettekanne Eesti TA üldkogu koosolekul 19. apr. 2017]

Soomere, Tarmo Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2017 2018 / lk. 131-136

Akadeemia uute liikmete valimisest. Lõppsõna : [Eesti TA presidendi sõnavõtt Eesti TA üldkogu aastakoosolekul 20. aprillil 2016]

Soomere, Tarmo Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2016 2017 / lk. 144-148 http://www.ester.ee/record=b1218094*est

Akadeemik : põlevkiviõli tootmine on hädavajalik tupiktee

Soomere, Tarmo Põhjarannik 2019 / lk. 3

Akadeemik Soomere miniloeng : Kuidas end veenda, et kliima soojeneb?

Soomere, Tarmo Õhtuleht 2018 / lk. 22 <https://www.oh tuleht.ee/loodus/905039/tarmo-soomere-miniloeng-kuidas-end-veenda-et-kliima-soojeneb>

Akadeemik Soomere sai Klaipeda ülikooli audoktoriks

Õhtuleht 2018 / lk. 2

Akadeemik Tarmo Soomere: targem ei tohi enam järele anda [Võrguväljaanne]

Soomere, Tarmo err.ee 2021 ["Akadeemik Tarmo Soomere: targem ei tohi enam järele anda"](https://err.ee/2021/05/06/akadeemik-tarmo-soomere-targem-ei-tohi-enam-jarele-anda)

Akadeemik: Eestis pole linna minema uhtuvad üleujutused võimalikud [Võrguväljaanne]

Soomere, Tarmo err.ee 2021 / video [Akadeemik: Eestis pole linna minema uhtuvad üleujutused võimalikud](https://err.ee/2021/05/06/akadeemik-eestis-pole-linna-minema-uhtuvad-uleujutused-voimalikud)

Akadeemikud: V3 väljakutsete vanik [Võrguväljaanne]

Soomere, Tarmo; Kurnitski, Jarek; Randma-Liiv, Tiina; Vasar, Eero postimees.ee 2021 <https://leht.postimees.ee/7192307/akadeemikud-v3-valjakutsete-vanik>

Akadeemiline vara on parem kui fosforiit

Samoson, Ago postimees.ee 2024 / lk. 14 [Akadeemiline vara on parem kui fosforiit](https://dea.digar.ee/article/postimees/2024/10/08/12.9) <https://dea.digar.ee/article/postimees/2024/10/08/12.9>

Akadeemilised mõtisklused

Engelbrecht, Jüri 2017 http://www.ester.ee/record=b4650021*est

Akadeemilisi arutlusi : ilmast ja inimestest

Soomere, Tarmo 2022 https://www.ester.ee/record=b5521198*est

Albumin affects the stability, oligomerization and ligand interactions of lipoprotein lipase

Risti, Robert; Gunn, Kathryn H.; Hiis-Hommuk, Kristofer; Seeba, Natjan-Naatan; Villo, Ly; Vendelin, Marko; Neher, Saskia B.; Lõökene, Aivar Atherosclerosis 2022 / p. 68 <https://doi.org/10.1016/j.atherosclerosis.2022.06.428>

Albumin and heparin together or separately - different outcome on lipoprotein lipaseoligomerization and stability

Risti, Robert; Gunn, K.; Villo, Ly; Hiis-Hommuk, Kristofer; Seeba, Natjan-Naatan; Karimi, Hamed; Vendelin, Marko; Neher, Saskia B.; Lõökene, Aivar FEBS Open Bio 2023 / p. 223 <https://doi.org/10.1002/2211-5463.13646>

Algoritmiline andekus ja mida sellega peale hakata

Tõugu, Enn Sirp 2017 / lk. 8-9 : fot <http://www.sirp.ee/s1-artiklid/c21-teadus/algoritmiline-andekus-ja-mida-sellega-peale-hakata/>

Alma mater'i mõttest : [arvustus raamatule: Raimo Pullat ja Tõnis Liibek. Oma alma mater'it otsimas. Tallinn: Estopol OÜ, 2020, 446 lk.]

Engelbrecht, Jüri Tuna 2020 / lk. 144-147 https://www.ester.ee/record=b1189474*est <https://dea.digar.ee/article/Aktuna/2020/09/0/11.2>

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>

Altered calcium handling in cardiomyocytes from arginine-glycine amidinotransferase-knockout mice is rescued by creatine

Laasmaa, Martin; Branovets, Jelena; Barsunova, Karina; Karro, Niina; Lygate, Craig A.; Birkedal Nielsen, Rikke; Vendelin, Marko American journal of physiology-heart and circulatory physiology 2020 / p. H805-H825 <https://doi.org/10.1152/ajpheart.00300.2020>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An attempt to classify brilliance

Soomere, Tarmo Applied wave mathematics II : selected topics in solids, fluids, and mathematical methods and complexity 2019 / p. XIX-XXI <https://doi.org/10.1007/978-3-030-29951-4> https://www.ester.ee/record=b5303400*est

An explicit finite volume numerical scheme for 2D elastic wave propagation

Berezovski, Mihail; **Berezovski, Arkadi** Applied wave mathematics II : selected topics in solids, fluids, and mathematical methods and complexity 2019 / p. 257-280 https://doi.org/10.1007/978-3-030-29951-4_12 https://www.ester.ee/record=b5303400*est

Analysing Lagrangian timescales in the Gulf of Finland

Viikmäe, Bert; Torsvik, Tomas The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 46 https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf

Analysis of sediment transport pattern along the coastal line of the Russian part of the Curonian spit

Kovaleva, Olga; Chubarenko, Boris; Ryabchuk, Daria 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 92 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

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/5bec_proceedings.pdf

Anarhistlikud mõtted Prantsusmaa presidendi totuseks

Tõugu, Enn Õhtuleht 2018 / lk. 8 <https://www.oh tuleht.ee/907835/enn-tougu-anarhistlikud-motted-prantsusmaa-presidendi-toetuseks>

Andmete peitmine toob ohvreid

Soomere, Tarmo Postimees 2020 / lk. 14 https://www.ester.ee/record=b1072778*est <https://leht.postimees.ee/6940401/tarmo-soomere-andmete-peitmine-toob-inimohvreid>

Andmete peitmine toob ohvreid

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 200-202 https://www.ester.ee/record=b5521198*est <https://leht.postimees.ee/6940401/tarmo-soomere-andmete-peitmine-toob-inimohvreid>

Antibacterial and antifungal efficacy of novel chitosan-silver nanocomposites

Kasemets, Kairi; Laanoja, Jüri; Sihtmäe, Mariliis; Kurvet, I.; Otsus, Maarja; Vija, H.; Kahru, Anne (E-MRS) European Materials Research Society 2023 Spring Meeting : 40th Anniversary 2023 / art. 61_875 <https://www.dropbox.com/s/w8prtknt2ekutr/SPRING%2023%20-%20Conference%20program.pdf?dl=0>

Anto Raukas 17.02.1935–19.04.2021

Soomere, Tarmo Postimees 2021 / Lk. 5 <https://dea.digar.ee/article/postimees/2021/04/21/3.11>

Application of deep conditional generative adversarial networks to fill the gaps of satellite altimetry-based absolute dynamic topography

Jahanmard, Vahidreza; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu XXVIII General Assembly of the International Union of Geodesy and Geophysics (IUGG) 2023 / 1 p <https://doi.org/10.57757/IUGG23-1627>

Application of diffuse reflectance spectroscopy for quick laboratory assessment of Estonian oil shale quality

Tufail, Iram; Paris, Peeter; Jõgi, Indrek; Riisalu, Hella Proceedings of the Estonian Academy of Sciences 2020 / p. 134-142 : ill <https://doi.org/10.3176/proc.2020.2.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Application of empirical orthogonal functions reveals multiple modes of variations in the Baltic Sea wave climate

Najafzadeh, Fatemeh; Kudryavtseva, Nadezhda; **Soomere, Tarmo** 7th IEEE/OES Baltic Symposium Clean and Safe Baltic Sea and Energy Security for the Baltic countries : abstract book, 12-15 June 2018, Klaipėda, Lithuania 2018 / p. 50 http://balticvalley.lt/baltic2018/wp-content/uploads/2018/06/abstract-book_7th_Baltic-Symposium_20180528.pdf

Application of Haar wavelet based methods for solving wave propagation problems

Ratas, Mart; Jena, S.K.; Chakraverty, S. AIP conference proceedings 2020 <https://doi.org/10.1063/5.0026696> [Conference proceeding at Scopus](#) [Article at Scopus](#)

Application of Haar wavelet method for solving nonlinear evolution equations

Ratas, Mart International Conference of Numerical Analysis and Applied Mathematics, ICNAAM 2018 : 13-18 September 2018, Rhodes, Greece 2019 / art. 330004, p. 1–4 <https://doi.org/10.1063/1.5114342> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Application of higher order Haar wavelet method for solving nonlinear evolution equations

Ratas, Mart; Salupere, Andrus Mathematical modelling and analysis 2020 / p. 271-288 <https://doi.org/10.3846/mma.2020.11112>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Application of HoHWM in the stability analysis of nonlocal Euler-Bernoulli beam

Jena, Subrat Kumar; Chakraverty, Snehashish; **Ratas, Mart; Kirs, Maarjus** International Conference of Numerical Analysis and Applied Mathematics ICNAAM 2019 : 23–28 September 2019 Rhodes, Greece 2020 / art. 230003 <https://doi.org/10.1063/5.0026439>
[Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Application of Mindlin Theory to Describe the Scattering of Guided Waves From Notches in a Plate

Rasheed, Usman; Lints, Martin; Ratassepp, Madis ASME 2022 49th Annual Review of Progress in Quantitative Nondestructive Evaluation (QNDE2022) 2022 <https://event.asme.org/Events/media/library/resources/qnde/QNDE-2022-Final-Program.pdf> <https://qnde.secure-platform.com/a/solicitations/178/sessiongallery/11537/application/98050>

Application of non-stationary extreme value modeling to account for trends in extreme water level changes along the Baltic Sea Coast

Kudryavtseva, Nadezhda; Pindsoo, Katri; Soomere, Tarmo The 15th International Coastal Symposium 2018 Haeundae, Busan, Republic of Korea 13th – 18th May 2018 : book of abstracts 2018 / p. 38

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 the Adaptive Higher Order Haar Wavelet based methods for solving the sine-Gordon equation

Ratas, Mart AIP conference proceedings 2022 / art. 380006 <https://doi.org/10.1063/5.0081491> [Conference Proceedings at Scopus](#)
[Article at Scopus](#)

Application of the matrix element method to Higgs boson pair production in the channel $HH \, b\bar{b}WW^*$ at the LHC

Ehataht, Karl: Veelken, Christian Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment 2022 / art. 166373, 14 p. : ill <https://doi.org/10.1016/j.nima.2022.166373>

Applications of airborne laser scanning for determining marine geoid and surface waves properties

Varbla, Sander; Ellmann, Artu; Delpeche-Ellmann, Nicole Camille European journal of remote sensing 2021 / p. 558–568
<https://doi.org/10.1080/22797254.2021.1981156> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Applied wave mathematics II : selected topics in solids, fluids, and mathematical methods and complexity

2019 <https://doi.org/10.1007/978-3-030-29951-4> https://www.est.er.ee/record=b5303400*est

Applying machine learning with satellite altimetry data for prediction of absolute dynamic topography for the Baltic Sea

Mostafavi, Majid; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu Nordic Geodetic Commission General Assembly 2022 in Copenhagen : Poster Session 2022 / 26 I. <https://medialib.cmcdn.dk/medialibrary/010C1367-E991-4A33-AB10-1953247E9C23/530AEABD-3A25-ED11-84B6-00155D0B0940.pdf>

Are “hubs” in beta-cell clusters an emergent network property or do they exist independently? : abstract

Patriarca, Marco; Scialla, Scialla; Yamakou, Marius; Heinsalu, Els; Cartwright, Julyan H.E. *Acta physiologica* 2023 / 1 p
<https://doi.org/10.1111/apha.14044>

Arenev Euroopa teaduse eetikakodeks

Soomere, Tarmo; Uibo, Raivo Sirp / lk. 14-16 <https://sirp.ee/s1-artiklid/c21-teadus/arenev-euroopa-teaduse-eetikakoodeks/>

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

Arno Kööri : 2.II 1926-21.XII 2017

Soomere, Tarmo Sirp 2018 / lk. 29 <https://www.sirp.ee/s1-artiklid/c21-teadus/arno-koorna-2-ii-1926-21-xii-2017/>

Array programming with NumPy

Harris, Charles R.; Millman, K. Jarrod; van der Walt, Stefan J.; **Peterson, Pearu** Nature 2020 / p. 357-362
<https://doi.org/10.1038/s41586-020-2649-2> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Arstide tehisintellekt

Tõugu, Enn Postimees 2019 / AK, lk. 4 [Enn Tõugu: arstide tehisintellekt](#)

Arvamusi akadeemikutelt : Akadeemia 80

Engelbrecht, Jüri Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2017 2018 / lk. 72-78
https://www.ester.ee/record=b1218094*est

Arvamusi akadeemikutelt : Jüri Engelbrecht, Leo Mõtus

Engelbrecht, Jüri; Mõtus, Leo Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2018 2019 / lk. 30-31

Arvamusi akadeemikutelt : segadus informaatika põhimõistetega

Tõugu, Enn Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2017 2018 / lk. 81-84

Arvutid toodi Eestisse õhinal

Tõugu, Enn Akadeemia 2020 / lk. 787-798 https://www.ester.ee/record=b1071914*est

Arvutid, küberruum ja tehismõistus : noppeid arvutite imepärasest eduloost

Tõugu, Enn 2018 http://www.ester.ee/record=b4815451*est

Arvutite üliintelligentsuse muut

Tõugu, Enn Sirp 2018 / lk. 4-6 : ill <http://www.sirp.ee/s1-artiklid/c21-teadus/arvutite-uliintelligentsuse-muut/>

Aspects of Higgs boson physics : vacuum stability, Yukawa couplings and SO(10) unification = Higgsi bosoni füüsika aspektid : vaakumi stabiilsus, Yukawa interaktsioonid ja SO(10) ühendteooriad

Ouyang, Ruiwen 2023 <https://doi.org/10.23658/taltech.39/2023> <https://digikogu.taltech.ee/et/item/3574ebed-b8a5-4bc1-98b9-b10176a139a5>
https://www.ester.ee/record=b5571980*est

An assessment and quantification of sea surface currents using satellite altimetry, in-situ and hydrodynamic model data for the Gulf of Finland, Baltic Sea

Delpeche-Ellmann, Nicole Camille; Viikmäe, Bert; Pindsoo, Katri; Soomere, Tarmo 2019 European Space Agency Living Planet Symposium 2019 / [1] p <https://lps19.esa.int/NikaWebsitePortal/living-planet-symposium-2019/lps19/Speaker>

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 durability of environmentally friendly wood-based panels

Kallavus, Urve; Järv, Hele; Kalamees, Targo; Kurik, Lembit Energy procedia 2017 / p. 207–212 : ill
<https://doi.org/10.1016/j.egypro.2017.09.756> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Assessment of hydrodynamic model sea level performance through Geoid-Referenced Tide-Gauge and Satellite Altimetry : poster

Jahanmard, Vahidreza; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu Living Planet Symposium (LPS22) 2022 / 1 p
<https://www.lps22.eu/>

Atomic- and magnetic-force microscopy in variable applied magnetic fields on CoFe/IrMn multilayer [Online resource]

Link, Joosep; Stern, Raivo Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p. : ill <http://fmdtk.ut.ee/teesid/>

Attribution of coastline changes in the southern and eastern Baltic Sea to climate change driven modifications of main coastal drivers

Eelsalu, Maris; Soomere, Tarmo; Parnell, Kevin Ellis; Viška, Maija 4th Baltic Earth Conference Assessing the Baltic Sea Earth System : Jastarnia, Hel Peninsula, Poland, 30 May to 3 June 2022 : Conference Proceedings 2022 / p. 96-97
https://baltic.earth/imperia/md/assets/baltic_earth/baltic_earth/baltic_earth/4bec_proceedings_web.pdf

Augmented reality based on Apollo lunar imagery : searching for stars and adding virtual objects

Pustõnski, Vladislav-Veniamin Presence : virtual and augmented reality 2022 / p. 203-227 https://doi.org/10.1162/pres_a_00393
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Austus ilu ja tarkuse väele, aga juba teist aastat glamuurita [Võrguväljaanne]

Pilt, Ebe postimees.ee 2022 / Lk. 6-7 : portr ["Austus ilu ja tarkuse väele, aga juba teist aastat glamuurita"](#)
<https://dea.digar.ee/article/ak/2022/01/29/5.1>

Author Correction: SciPy 1.0 : fundamental algorithms for scientific computing in Python (Nature Methods, (2020), 17, 3, (261-272), 10.1038/s41592-019-0686-2)

Virtanen, Pauli; Gommers, Ralf; Oliphant, Travis E.; Haberland, Matt; Reddy, Tyler; Cournapeau, David; Burovski, Evgeni; Peterson, Pearu; Weckesser, Warren; Bright, Jonathan Nature Methods 2020 / p. 352 <https://doi.org/10.1038/s41592-020-0772-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#)

Autonomous wireless sensor networks : implementation of transient computing and energy prediction for improved node performance and link quality

Ahmed, Faisal; Kervadec, Corentin; **Le Moullec, Yannick**; **Tamberg, Gert**; **Annus, Paul** The Computer Journal 2019 / p. 820 - 837
<https://doi.org/10.1093/comjnl/bxy101> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Autori saatesõna

Engelbrecht, Jüri Akadeemilised mõtisklused 2017 / lk. 15-16 https://www.ester.ee/record=b4650021*est

Avastamas lõunapoolkera teaduste akadeemiaid

Soomere, Tarmo Eesti Teaduste Akadeemia sõnas ja pildis 2019 2020 / lk. 62-67 : ill

Avasõna. Akadeemikute valimisest. Lõppsõna : [Eesti TA presidendi Tarmo Soomere sõnavõttud Eesti TA üldkogu istungil 7. detsembril 2016]

Soomere, Tarmo Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2016 2017 / lk. 149-153
http://www.ester.ee/record=b1218094*est

Axons' signals

Engelbrecht, Jüri; **Tamm, Kert**; **Peets, Tanel** Horizons in neuroscience research ; 49 2023 / p. 33-73
<https://novapublishers.com/shop/horizons-in-neuroscience-research-volume-49/>

Baltic Sea Remote Sensing

2021 https://www.mdpi.com/journal/remotesensing/special_issues/Baltic_RS#info

Baltic Sea wave climate variability and its connection with climatic indices deduced from Empirical Orthogonal Functions

Najafzadeh, Fatemeh; **Kudryavtseva, Nadezhda**; **Soomere, Tarmo** Abstracts : [BSSC 2019] 2019 / p. 125
https://www.su.se/polopoly_fs/1.446756.1566224624!/menu/standard/file/abstracts_A5_ny.pdf

Baltic Sea wave climate via empirical orthogonal function analysis [Online resource]

Najafzadeh, Fatemeh; **Kudryavtseva, Nadezhda**; **Soomere, Tarmo** Baltic Earth Workshop on multiple drivers for Earth system changes in the Baltic Sea region : Tallinn University of Technology, Tallinn, Estonia 26-27 November 2018 : [programme, abstracts, participants] 2018 / p. 40 https://www.baltic-earth.eu/publications/IBESPublications/No_14_Workshop_Multiple_Drivers_Tallinn_Nov2018/No.14_Tallinn2018.pdf

Baltic Sea's eastern coast may face more frequent flooding in future

news.err.ee 2025 <https://news.err.ee/1609649489/baltic-sea-s-eastern-coast-may-face-more-frequent-flooding-in-future>

Bandgap fluctuations, hot carriers, and band-to-acceptor recombination in Cu₂ZnSn(S,Se)₄ microcrystals

Krustok, Jüri; **Kaupmees, Reelika**; **Abbasi, Nafiseh**; **Muska, Katri**; **Mengü, Idil**; **Timmo, Kristi** Physica status solidi - rapid research letters 2023 / art. 2300077, 5 p. : ill <https://doi.org/10.1002/pssr.202300077> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Barotropic trends through the Barents Sea opening for the period 1975–2021

Jahanmard, Vahidreza; **Löptien, Ulrike**; **Sandø, Anne Britt**; **Gierisch, Andrea M. U.**; **Dietze, Heiner**; **Lien, Vidar**; **Delpeche-Ellmann, Nicole Camille**; **Hordoir, Robinson** Journal of Geophysical Research: Oceans 2025 / art. e2024JC021663
<https://doi.org/10.1029/2024JC021663>

Basin-wide variations in trends in water level maxima in the Baltic Sea

Pindsoo, Katri; **Soomere, Tarmo** Continental shelf research 2020 / art. 104029 ; 12 p <https://doi.org/10.1016/j.csr.2019.104029>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Beach nourishment pattern-placement along the Gold Coast

Colleter, Gildas; **Parnell, Kevin Ellis**; **Wharton, Courtney**; **Hunt, Shannon** Australasian Coasts and Ports 2019 Conference : Future directions from 40 [degrees] S and beyond, Hobart, 10-13 September 2019 2019 / p. 206-212
<https://search.informit.org/documentSummary?res=ILENG;dn=796304364041360> <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075085429&partnerID=40&md5=d5477f4f696557d7b911063c8111d65c>

Beyond sustainability and ICZM : the future for management of Baltic Seacoasts

Parnell, Kevin Ellis; **Soomere, Tarmo** 4th Baltic Earth Conference Assessing the Baltic Sea Earth System : Jastarnia, Hel Peninsula, Poland, 30 May to 3 June 2022 : Conference Proceedings 2022 / p. 152-153
https://baltic.earth/imperia/md/assets/baltic_earth/baltic_earth/4bec_proceedings_web.pdf

A big wave at Pouto, Kaipara Harbour, New Zealand

Parnell, Kevin Ellis Journal of Coastal Research 2020 / p. 291-294 <https://doi.org/10.2112/JCR-SI101-053.1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Biofüüsikud loodavad südamerakkude segadusse ajamisega haigusi ennetada

Alvela, Ain novaator.err.ee 2023 [Biofüüsikud loodavad südamerakkude segadusse ajamisega haigusi ennetada](#)

The borderlines of invisibility and visibility in Calderón's inverse problem

Astala, Kari; Lassas, Matti; **Päivärinta, Lassi** Analysis and PDE 2016 / p. 43 - 98 <https://doi.org/10.2140/apde.2016.9.43> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Broad-band photoluminescence of donor-acceptor pairs in tetrahedrite Cu₁₀Cd₂Sb₄S₁₃ microcrystals

Krustok, Jüri; Raadik, Taavi; Kaupmees, Reelika; Ghisani, Fairouz; Timmo, Kristi; Altosaar, Mare; Mikli, Valdek; Grossberg, Maarja Journal of physics D: applied physics 2021 / art. 105102, 7 p. : ill <https://doi.org/10.1088/1361-6463/abce29> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

B-spline based finite element method in one-dimensional discontinuous elastic wave propagation

Kolman, Radek; Okrouhlik, M.; **Berezovski, Arkadi**; Gabriel, Dusan; Kopačka, J.; Plešek, J. Applied mathematical modelling 2017 / p. 382-395 : ill <https://doi.org/10.1016/j.apm.2017.01.077> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Building natural morphologies for effective beach nourishment

Parnell, Kevin Ellis 2nd Baltic Earth Conference The Baltic Sea in Transition : Helsingør, Denmark, 11 to 15 June 2018 : conference proceedings 2018 / p. 134-135 : ill https://www.baltic-earth.eu/publications/IBESPublications/No_13_Helsingor_Proceedings/2ndBalticEarthConferenceProceedings_IBESP_No13_web.pdf

Bulk and interface recombination in TiO₂/Sb₂Se₃ solar cells

Krautmann, Robert; Josepson, Raavo; Spalatu, Nicolae; Oja Acik, Ilona Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / p. 28 [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](#)

CaF₂ solidstate electrolytes prepared by vapor pressure exposure and solid synthesis for defect and ionic conductivity tuning

Molaiyan, Palanivel; Witter, Raiker Material design & processing communications 2020 / art. e76, 6 p. : ill <https://onlinelibrary.wiley.com/doi/epdf/10.1002/mdp2.76> <https://doi.org/10.1002/mdp2.76> [Journal metrics at Scopus](#) [Article at Scopus](#)

Cambridge, Stephen Hawking ja aheldamata mõtted

Engelbrecht, Jüri Sirp 2018 / lk. 31 <http://www.sirp.ee/s1-artiklid/c21-teadus/cambridge-stephen-hawking-ja-aheldamata-motted/>

Can climate change be beneficial? [Võrguväljaanne]

Parnell, Kevin Ellis Konverents "Kliimaneutraalsus – häving või edu?" 2019 / 9 l [Can climate change be beneficial? Kliimaneutraalsus – häving või edu? Süsinikuneutraalne majandus nõuab uusi tehnoloogiaid paljudes valdkondades](#)

Cardiac expression and location of hexokinase changes in a mouse model of pure creatine deficiency

Branovets, Jelena; Karro, Niina; Barsunova, Karina; Laasmaa, Martin; Lygate, Craig A.; Vendelin, Marko; Birkedal Nielsen, Rikke American journal of physiology-heart and circulatory physiology 2021 / p. H613–H629 <https://doi.org/10.1152/ajpheart.00188.2020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cardiac muscle regulatory units are predicted to interact stronger than neighboring cross-bridges

Kalda, Mari; Vendelin, Marko Scientific reports 2020 / art. 5530, 13 p. : ill <https://doi.org/10.1038/s41598-020-62452-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cardiac muscle regulatory units are predicted to interact stronger than neighboring cross-bridges

Kalda, Mari; Vendelin, Marko Biophysical journal 2018 / p. 549a <https://doi.org/10.1016/j.bpj.2017.11.2998>

Cardiomyocytes from female compared to male mice have larger ryanodine receptor clusters and higher calcium spark frequency

Laasmaa, Martin; Branovets, Jelena; Stolina, Jekaterina; Shen, Xin; Rätsepso, Triinu; Balodis, Mihkel Jaan; Grahv, Cärolin; Hendrikson, Eliise; Louch, William Edward; Birkedal Nielsen, Rikke; Vendelin, Marko Journal of Physiology 2023 / p. 4033-4052 : ill <https://doi.org/10.1113/JP284515> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cartography of the Apollo 12 landing site from photogrammetric analysis of surface imagery

Pustönski, Vladislav-Veniamin Planetary and space science 2021 / art. 105133, 13 p. : ill <https://doi.org/10.1016/j.pss.2020.105133> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 the spatial variability of strength in a SFRSCC slab and its correlation with fibre orientation

Kartofelev, Dmitri; Goidyk, Oksana; Herrmann, Heiko Proceedings of the Estonian Academy of Sciences 2020 / p. 298-310 : ill

Catalytic strategies for conscious social transformation : leadership in thought

2023 <https://www.cambridgescholars.com/resources/pdfs/978-1-5275-1081-4-sample.pdf> https://www.ester.ee/record=b5746646*est

Causality in strain gradient elasticity: An internal variables approach

Berezovski, Arkadi Mechanics research communications 2022 / art. 103997 <https://doi.org/10.1016/j.mechrescom.2022.103997> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cellprofiler is a fit tool for droplet digital image analysis

Bartkova, Simona; Vendelin, Marko; Pata, Pille; Scheler, Ott 23rd International Conference on Miniaturized Systems for Chemistry and Life Sciences (MicroTAS 2019) Basel, Switzerland, 27 – 31 October 2019 2020 / art. 163704, p. 1644-1645 <https://doi.org/10.1101/811869>

Certified parsing of regular languages

Firsov, Denis; Uustalu, Tarmo Certified Programs and Proofs : Third International Conference, CPP 2013, Melbourne, VIC, Australia, December 11-13,2013, Proceedings 2013 / p. 98 - 113 https://doi.org/10.1007/978-3-319-03545-1_7 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

CFD comparison of the influence of casting of samples on the fiber orientation distribution

Goidyk, Oksana; Heinštein, Mark; Herrmann, Heiko Fibers 2023 / art. 6 <https://doi.org/10.3390/fib11010006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Channel maintenance planning in Estonia

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

Characterization of tetrahedrite Cu₁₀Cd₂Sb₄S₁₃ monograin materials grown in molten CdI₂ and LiI

Ghisani, Fairouz; Timmo, Kristi; Altosaar, Mare; Mikli, Valdek; Pilvet, Maris; Kaupmees, Reelika; Krustok, Jüri; Grossberg, Maarja; Kauk-Kuusik, Marit Thin solid films 2021 / art. 138980 <https://doi.org/10.1016/j.tsf.2021.138980> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Chemical vapour deposition of WS₂monolayers [Online resource]

Kaupmees, Reelika; Grossberg, Maarja; Krustok, Jüri Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid] 2019 / 1 p <http://fmtdk.ut.ee/teesid-2019/>

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-SI113-051.1>

Coastal flooding : Joint probability of extreme water levels and waves along the Baltic Sea coast

Kudryavtseva, Nadezhda; Räämet, Andrus; Soomere, Tarmo 3rd Baltic Earth Conference : Earth system changes and Baltic Sea coasts, To be held in Jastarnia, Hel Peninsula, Poland, 1 to 5 June 2020, Held online, 2-3 June 2020 : Conference proceedings 2020 / p. 70-71 : ill ["proceedings"](#)

Coastal flooding: Joint probability of extreme water levels and waves along the Baltic Sea coast

Kudryavtseva, Nadezhda; Räämet, Andrus; Soomere, Tarmo Journal of coastal research 2020 / p. 1146-1151 <https://doi.org/10.2112/SI95-222.1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Coastal land use planning in Ben Tre, Vietnam : constraints and recommendations

Nguyen, Tan Phong; Parnell, Kevin Ellis Heliyon 2019 / art. e01487, 21 p. : ill <https://doi.org/10.1016/j.heliyon.2019.e01487> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at Scopus](#)

Coastal management as a driver for earth system changes in the Baltic Sea region [Online resource]

Parnell, Kevin Ellis Baltic Earth Workshop on multiple drivers for Earth system changes in the Baltic Sea region : Tallinn University of Technology, Tallinn, Estonia 26-27 November 2018 : [programme, abstracts, participants] 2018 / p. 17-18 : ill https://www.baltic-earth.eu/multipledrivers2018/material/No.14_Tallinn2018.pdf

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 changing process drivers in the Baltic Sea : What communities and local policy makers need to know

Parnell, Kevin Ellis; Soomere, Tarmo Abstracts : [BSSC 2019] 2019 / p. 344
https://www.su.se/polopoly_fs/1.446756.1566224624!/menu/standard/file/abstracts_A5_ny.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 sea level trend using multi mission along track satellite altimetry for the Baltic Sea

Mostafavi, Majid; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu XXVIII General Assembly of the International Union of Geodesy and Geophysics (IUGG) 2023 / 1 p <https://doi.org/10.57757/IUGG23-4967>

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

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](#)

Coinductive big-step semantics for concurrency

Uustalu, Tarmo Proceedings 5th Workshop on : Programming Language Approaches to Concurrency and Communication-cEntric Software, Rome, Italy, 23rd March 2013 2013 / p. 63-78 <https://doi.org/10.4204/EPTCS.137.6> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Colloquium 582 : Short Fibre Reinforced Cementitious Composites and Ceramics : book of abstracts, March 20-22, 2017
2017 http://www.ester.ee/record=b4658990*est

Combined action of albumin and heparin regulates lipoprotein lipase oligomerization, stability, and ligand interactions

Risti, Robert; Gunn, Kathryn H.; Hiis-Hommik, Kristofer; Seeba, Natjan-Naatan; Karimi, Hamed; Villo, Ly; Vendelin, Marko; Neher, Saskia B.; Lõokene, Aivar PLoS ONE 2023 / art. e0283358, 24 p. : ill <https://doi.org/10.1371/journal.pone.0283358> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comment on "Solitons in the Heimburg-Jackson model of sound propagation in lipid bilayers are enabled by dispersion of a stiff membrane" by M. Drab et al.

Peets, Tanel; Tamm, Kert; Engelbrecht, Jüri The European physical journal E 2023 / art. 34 <https://doi.org/10.1140/epje/s10189-023-00299-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Committee on Marine Sciences

Soomere, Tarmo Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2017 2018 / p. 42-45
https://www.ester.ee/record=b1874722*est

Committee on Marine Sciences

Soomere, Tarmo Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2016 2017 / p. 43-47

Comparative measurement of cardiac cycle by means of different sensors

Priidel, Eiko; Land, Raul; Sinivee, Veljo; Annus, Paul; Min, Mart 2017 Electronics : proceedings of the 21st International Conference : June 19th-21st, 2017, Palanga, Lithuania 2017 / [5] p. : ill <https://doi.org/10.1109/ELECTRONICS.2017.7995221>

A comparative study on physical properties of Al-doped zinc oxide thin films deposited from zinc acetate and zinc acetylacetonate by spray pyrolysis

Eensalu, Jako Siim; Krunks, Malle; Gromõko, Inga; Katerski, Atanas; Mere, Arvo Energetika 2017 / p. 46-55 : ill <https://doi.org/10.6001/energetika.v63i2.3519> [Journal metrics at Scopus](#) [Article at Scopus](#)

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

A comparison of Baltic Sea wave properties simulated using two modelled wind data sets

Giudici, Andrea; Jankowski, Mikolaj Zbigniew; Männikus, Rain; Najafzadeh, Fatemeh; Suursaar, Ülo; Soomere, Tarmo Estuarine, coastal and shelf science 2023 / art. 108401, 15 p. : ill <https://doi.org/10.1016/j.ecss.2023.108401> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 dynamic topography bias in HIROMB and NEMO-Nordic model by utilizing marine geoid

Jahanmard, Vahidreza; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu Geophysical research abstracts 2020 / p. EGU2020-20134 <https://doi.org/10.5194/egusphere-egu2020-20134>

Comparison of measured fiber orientation in fiber concrete with predictions by CFD simulations

Herrmann, Heiko; Goidyk, Oksana; Braunbrück, Andres; Marjapuu, Rasmus-Richard; Tuisk, Tanel M2D2017 : proceedings of the 7th International Conference on Mechanics and Materials in Design : (Albufeira/Portugal, 11-15 June 2017) 2017 / p. 1245-1246 : ill https://paginas.fe.up.pt/~m2d/Proceedings_M2D2017/data/papers/Book.pdf

Comparison of the wave power for the open and sheltered segments of the Baltic Sea coast

Kovaleva, Olga; Soomere, Tarmo; Eelsalu, Maris 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 210 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

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](#)

Compiling cooperative task management to continuations

Nakata, Keiko; Saar, Andri Fundamentals of Software Engineering : 5th International Conference, FSEN 2013, Tehran, Iran, April 24-26, 2013, Revised Selected Papers 2013 / p. 95 - 110 https://doi.org/10.1007/978-3-642-40213-5_7 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Complexity in Social Systems and Academies

Engelbrecht, Jüri 2021 <https://www.cambridgescholars.com/product/978-1-5275-7309-3>

Complexity of atoms of regular languages

Brzozowski, Janusz; Tamm, Hellis International Journal of Foundations of Computer Science 2013 / p. 1009 - 1027
<https://doi.org/10.1142/S0129054113400285> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Complexity of social systems and academies

Engelbrecht, Jüri 2021 [Complexity of social systems and academies](#)

Compressibility of surface flows under the combined effect of currents and winds

Giudici, Andrea; Kalda, Jaan; Soomere, Tarmo The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 47 https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf

Compromised creatine kinase energy transfer leads to adaptations in cardiac excitation-contraction coupling that are distinct from changes associated with heart failure : [manuscript]

Branovets, Jelena; Kalda, Mari; Laasmaa, Martin; Stolina, Jekaterina; Shen, Xin; Balodis, Mihkel Jaan; Grahv, Cärolin; Hendrikson, Eliise; Louch, William Edward; Birkedal Nielsen, Rikke; Vendelin, Marko 2022

Cones with convoluted geometry that always scatter or radiate

Blåsten, Emilia L.K.; Pohjola, Valter Inverse Problems 2022 / Art. 125001 <https://doi.org/10.1088/1361-6420/ac963c> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Connecting science, society and policy : experience of a small country

Soomere, Tarmo 3rd Baltic Earth Conference : Earth system changes and Baltic Sea coasts, To be held in Jastarnia, Hel Peninsula, Poland, 1 to 5 June 2020, Held online, 2-3 June 2020 : Conference proceedings 2020 / p. 10 ["proceedings"](#)

A constitutive model for linear hyperelastic materials with orthotropic inclusions by use of quaternions

Herrmann, Heiko Continuum mechanics and thermodynamics 2021 / p. 1375-1384 <https://doi.org/10.1007/s00161-021-00979-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Constitutive modeling with single and dual internal variables

Berezovski, Arkadi Entropy 2023 / art. 721, 26 p <https://doi.org/10.3390/e25050721> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A construction of a fractional derivative masks for imaging based on generalized Kantorovich sampling operators
Graf, Olga; Tamberg, Gert 24th International Conference on Mathematical Modelling and Analysis : May 28-31, 2019, Tallinn, Estonia : abstracts 2019 / p. 22 <https://www.digar.ee/viewer/et/nlib-digar:414294/353323/page/23>

Continuum mechanics and signals in nerves

Engelbrecht, Jüri; Tamm, Kert; Peets, Tanel Proceedings of the Estonian Academy of Sciences 2021 / p. 3–18
<https://doi.org/10.3176/proc.2021.1.02> https://doi.org/wp-content/plugins/kirj/pub/proc-1-2021-3-18_20210112191450.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Continuum Waves

Encyclopedia of Continuum Mechanics 2020 / p. IX <https://doi.org/10.1007/978-3-662-55771-6>

Contractive signatures with recursive types, type parameters, and abstract types

Im, Hyeonseung; Nakata, Keiko; Park, Sungwoo Automata, Languages, and Programming : 40th International Colloquium, ICALP 2013, Riga, Latvia, July 8-12, 2013, Proceedings, Part II 2013 / p. 299 - 311 https://doi.org/10.1007/978-3-642-39212-2_28 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Contribution of atmospheric teleconnections in regional wave climate variability based on EOF application : Baltic Sea case

Najafzadeh, Fatemeh; Kudryavtseva, Nadezhda; Soomere, Tarmo American Geophysical Union, Fall Meeting 2020 2020 / abstract <https://ui.adsabs.harvard.edu/#abs/2020AGUFMOS0470002N/abstract>

Contribution of wave set-up into the total water level in the Tallinn area

Pindsoo, Katri; Soomere, Tarmo 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 87 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Correction to: Decision support tools for wind and solar farm site selection in Isfahan Province, Iran (Clean Technologies and Environmental Policy, (2021), 23, 4, (1179-1195), 10.1007/s10098-020-01978-w)

Barzehkar, Mojtaba; Parnell, Kevin Ellis; Mobarghaee Dinan, Naghme; Brodie, Graham Clean technologies and environmental policy 2021 / p. 1197-1198 <https://doi.org/10.1007/s10098-020-02007-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Corrigendum to “Screening and optimization of processing temperature for Sb₂Se₃ thin film growth protocol: Interrelation between grain structure, interface intermixing and solar cell performance” [Solar Energy Mater. Solar Cell. 225 (2021) 1–13 111045](S092702482100088X)(10.1016/j.solmat.2021.111045)
Spalatu, Nicolae; Krautmann, Robert; Katerski, Atanas; Kärber, Erki; Josepson, Raavo; Hiie, Jaan; Oja Acik, Ilona; Krunk, Malle Solar Energy Materials and Solar Cells 2021 / Art. 111098 <https://doi.org/10.1016/j.solmat.2021.111098> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Criteria for modelling wave phenomena in complex systems : the case of signals in nerves

Engelbrecht, Jüri; Tamm, Kert; Peets, Tanel Proceedings of the Estonian Academy of Sciences 2019 / p. 276–283 : ill <https://doi.org/10.3176/proc.2019.3.05> http://www.kirj.ee/public/proceedings_pdf/2019/issue_3/proc-2019-3-276-283.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cross-shore profile evolution after an extreme erosion event—Palanga, Lithuania

Kelpšaitė-Rimkienė, Loreta; Parnell, Kevin Ellis; Žaromskis, Rimas; Kondrat, Vitalijus Journal of marine science and engineering 2021 / art. 38, p. 1–15 : ill <https://doi.org/10.3390/jmse9010038> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Crystal phase and surface defect driven synthesis of Pb_{1-x}Sn_xF₂ solid solution electrolyte for fluoride ion batteries

Molaiyan, Palanivel; Witter, Raiker Journal of electroanalytical chemistry 2019 / p. 154-159
<https://doi.org/10.1016/j.jelechem.2019.04.063> [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>

Current tasks of academies and academia

Engelbrecht, Jüri; Djurovic, Momir; Reuter, Thomas Cadmus 2020 / p. 118–126 <http://www.cadmusjournal.org/article/volume-4/issue-2-part-1/current-tasks-academies-and-academia>

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>

Cybersecurity considerations in autonomous ships

Cho, Sungbaek; Orye, Erwin; Visky, Gabor; Prates, Vasco 2022 <https://ccdcoc.org/library/publications/cybersecurity-considerations-in-autonomous-ships/>

A data-fusion technique for forecasting of absolute sea levels in the Baltic Sea

Rajabi-Kiasari, Saeed; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu 2023 Machine Learning And Data Analysis In Oceanography, University of Liège, Belgium 2023 / 1 p [A data-fusion technique for forecasting of absolute sea levels in the Baltic Sea](#)

Decision support tools for the management of eastern Baltic Sea coasts

Barzehkar, Mojtaba; Parnell, Kevin Ellis; Soomere, Tarmo 3rd Baltic Earth Conference : Earth system changes and Baltic Sea coasts, To be held in Jastarnia, Hel Peninsula, Poland, 1 to 5 June 2020, Held online, 2-3 June 2020 : Conference proceedings 2020 / p. 135-136 "[proceedings](#)"

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>

Decision support tools for wind and solar farm site selection in Isfahan Province, Iran

Barzehkar, Mojtaba; Parnell, Kevin Ellis; Mobarghaee Dinan, Naghmeh; Brodie, Graham Clean technologies and environmental policy 2021 / p. 1179–1195 <https://doi.org/10.1007/s10098-020-01978-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Decision support tools, systems and indices for sustainable coastal planning and management : a review

Barzehkar, Mojtaba; Parnell, Kevin Ellis; Soomere, Tarmo; Dragovich, Deirde; Engström, Johanna Ocean and Coastal Management 2021 / art. 105813, 13 p <https://doi.org/10.1016/j.ocecoaman.2021.105813> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Deeper insights into the validation of hydrodynamic models using a synergy of remote sensing data

Delpeche-Ellmann, Nicole Camille; Varbla, Sander; Jahanmard, Vahidreza; Ellmann, Artu Baltic Earth Workshop Climate projections and uncertainties in the northern Baltic Sea region, Helsinki, Finland, 19-20 November, 2019 : Programme, Abstracts, Participants 2019 / p. 14-15

Degree of Dieudonne determinant defines the order of nonlinear system

Kotta, Ülle; Belikov, Juri; Halas, Miroslav; Leibak, Alar International journal of control 2019 / p. 518-527 <https://doi.org/10.1080/00207179.2017.1361042> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Demokraatia kui alternatiivmõtlemise suplus peavoolus

Soomere, Tarmo Sirp 2019 / lk. 34-35 : fot https://www.ester.ee/record=b1072938*est <https://www.sirp.ee/s1-artiklid/c21-teadus/demokraatia-kui-alternatiivmõtlemise-suplus-peavoolus/>

Demokraatia kui alternatiivmõtlemise suplus peavoolus

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 175-179 https://www.ester.ee/record=b5521198*est <https://www.sirp.ee/s1-artiklid/c21-teadus/demokraatia-kui-alternatiivmõtlemise-suplus-peavoolus/>

Demonstration devices for measuring the speed of sound in air

Gavrilov, Aleksei World journal of advanced engineering technology and sciences 2022 / p. 053-056 <https://doi.org/10.30574/wjaets.2022.6.2.0066>

Demonstration of acoustic beats in the study of physics

Gavrilov, Aleksei Journal of multidisciplinary engineering science and technology (JMEST) 2017 / p. 7545-7546 : ill <http://www.jmest.org/wp-content/uploads/JMESTN42352273.pdf>

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>

Demonstration of the Lorenz Force in the study of physics

Gavrilov, Aleksei American journal of engineering research (AJER) 2019 / p. 15-19 : ill <http://www.ajer.org/papers/Vol-8-issue-1/C08011519.pdf>

Demonstration of the Lorenz force using a spark gas discharge

Gavrilov, Aleksei Journal of multidisciplinary engineering science studies 2019 / p. 2545-2547 : ill <http://www.jmess.org/wp-content/uploads/2019/03/JMESSP13420514.pdf>

Detailed photoluminescence study of Cu₂Ge(SSe)₃ microcrystals

Kuusik, Jüri; Kaupmees, Reelika; Li, Xiaofeng; Kauk-Kuusik, Marit; Grossberg, Maarja AIP advances 2021 / art. 085105

<https://doi.org/10.1063/5.0053928> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Detecting anisotropic inclusions through EIT

Cristina, Jan; Päiväranta, Lassi Juhani Archive for rational mechanics and analysis 2017 / p. 1139-1160

<https://doi.org/10.1007/s00205-017-1151-y> [Journal metric at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Detecting overlapping community structure : Estonian network of payments

Rendon de la Torre, Stephanie; Kalda, Jaan; Kitt, Robert; Engelbrecht, Jüri Proceedings of the Estonian Academy of Sciences

2019 / p. 79–88 : ill <https://doi.org/10.3176/proc.2019.1.08> http://www.kirj.ee/public/proceedings_pdf/2019/issue_1/proc-2019-1-79-88.pdf

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Detecting ship wakes for the study of coastal processes

Rätsep, Margus; Parnell, Kevin Ellis; Soomere, Tarmo Journal of coastal research 2020 / p. 1258-1262

<https://doi.org/10.2112/SI95-243.1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Detection of deuterium retention by LIBS at different background pressures

Paris, Peeter; Butikova, J.; Laan, Matti; Aints, Mart; Hakola, A.; Piip, Kaarel; Tufail, Iram; Veis, P. Physica scripta 2017 / art. 014003,

5 p. : ill <https://doi.org/10.1088/0031-8949/2017/T170/014003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

[at WOS](#)

Determination of Accurate Dynamic Topography for the Baltic Sea Using Satellite Altimetry and a Marine Geoid Model

Mostafavi, Majid; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu; Jahanmard, Vahidreza Remote sensing 2023 / art. 2189

<https://doi.org/10.3390/rs15082189> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Determination of closure depths for sheltered areas of the eastern part of the Baltic Sea

Kovaleva, Olga; Soomere, Tarmo; Eelsalu, Maris; Ryabchuk, Daria 10th Baltic Sea Science Congress : Science and innovation

for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 233

http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Determination of the calorific value and moisture content of crushed oil shale by LIBS

Aints, Märt; Paris, Peeter; Tufail, Iram; Jõgi, Indrek; Aosaar, Hardi; Riisalu, Hella; Laan, Matti Oil shale 2018 / p. 339-355 : ill

<https://doi.org/10.3176/oil.2018.4.04> http://www.kirj.ee/public/oilshale_pdf/2018/issue_4/OS-2018-4-339-355.pdf

https://artiklid.elnet.ee/record=b2868183*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Determination of time-dependent sources and parameters of nonlocal diffusion and wave equations from final data

Janno, Jaan Fractional calculus and applied analysis 2020 / p. 1678–1701 <https://doi.org/10.1515/fca-2020-0083> [Journal metrics at](#)

[Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Determining the Accuracy of Sentinel-3A and Sentinel-6 Satellite Altimetry Data in the Gulf of Finland using a synergy of data : [poster presentation]

Heinoja, Lenne-Liisa; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu The Gulf of Finland Science Days 2021 “New start for

the Gulf of Finland co-operation” : Estonian Academy of Sciences, Tallinn, 29-30 November 2021 : abstracts 2021 / p. 45

<https://www.gulfoffinland.fi>

Developing Analytical Applications for Parahydrogen Hyperpolarization : Urinary Elimination Pharmacokinetics of Nicotine

Reimets, Nele; Ausmees, Kerti; Vija, Sirje; Reile, Indrek Analytical chemistry 2021 / p. 9480-9485 : ill

<https://doi.org/10.1021/acs.analchem.1c01281>

Developing requirements for the new encryption mechanisms in the Estonian eID infrastructure

Orauas, Mart; Willemson, Jan Databases and Information Systems : 14th International Baltic Conference, DB&IS 2020, Tallinn,

Estonia, June 16-19, 2020 : Proceedings 2020 / p. 13-20 https://doi.org/10.1007/978-3-030-57672-1_2

Development of a flexible, extendable, and low-cost control unit for surface drifters

Giudici, Andrea; Torsvik, Tomas; Soomere, Tarmo Journal of atmospheric and oceanic technology 2017 / p. 669-677 : ill

<https://doi.org/10.1175/JTECH-D-16-0116.1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Development of applications for high-field non-hydrogenative parahydrogen induced hyperpolarization for the analysis of biological fluids with nuclear magnetic resonance spectroscopy = Paravesinikul põhineva mittehüdroomeeniva 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 Bi2S3 thin film solar cells by close-spaced sublimation and analysis of absorber bulk defects via in-depth

photoluminescence analysis

Koltsov, Mykhailo; Gopi, Sajeesh Vadakkedath; Raadik, Taavi; Krustok, Jüri; Josepson, Raavo; Gržibovskis, Raitis; Vembris, Aivars; **Spalatu, Nicolae** Solar energy materials and solar cells 2023 / art. 112292 <https://doi.org/10.1016/j.solmat.2023.112292> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Development of continuous dynamic vertical reference for maritime and offshore engineering by applying machine learning strategies

Delpeche-Ellmann, Nicole Camille; Ellmann, Artu 2023 Machine Learning And Data Analysis In Oceanography, University of Liège, Belgium 2023 / 1 p [Development of continuous dynamic vertical reference for maritime and offshore engineering by applying machine learning strategies](#)

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 synergized method to determine accurate sea level using satellite altimetry and high-resolution geoid model

Jahanmard, Vahidreza; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu Geodesy for a Sustainable Earth, Scientific Assembly of the International Association of Geodesy : abstract book 2021 / S5-053 https://mm.sciconf.cn/en/minisite/poster-detail-new/1646?poster_id=1563486 https://files.sciconf.cn/upload/file/20210626/20210626085039_69146.pdf

Differences in stationary and nonstationary analysis of water level extremes in Latvian waters, Baltic Sea, during 1961-2018

Männikus, Rain; Kudryavtseva, Nadezhda; Soomere, Tarmo 3rd Baltic Earth Conference : Earth system changes and Baltic Sea coasts, To be held in Jastarnia, Hel Peninsula, Poland, 1 to 5 June 2020, Held online, 2-3 June 2020 : Conference proceedings 2020 / p.74-75 : ill "proceedings"

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

Directional variation of return periods of water level extremes in Moonsund and in the Gulf of Riga, Baltic Sea

Männikus, Rain; Soomere, Tarmo Regional studies in marine science 2023 / art. 102741 <https://doi.org/10.1016/j.rsma.2022.102741> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Directional variation of return periods of water level extremes in the Gulf of Riga, Baltic Sea

Männikus, Rain; Soomere, Tarmo 4th Baltic Earth Conference Assessing the Baltic Sea Earth System : Jastarnia, Hel Peninsula, Poland, 30 May to 3 June 2022 : Conference Proceedings 2022 / p. 83-84 https://baltic.earth/imperia/md/assets/baltic_earth/baltic_earth/baltic_earth/4bec_proceedings_web.pdf

Discontinuity-driven mesh alignment for evolving discontinuities in elastic solids

Berezovski, Mihail; **Berezovski, Arkadi** Journal of computational physics 2020 / art. 109542, 21 p <https://doi.org/10.1016/j.jcp.2020.109542> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Discrete breathers above phonon spectrum

Hižnjakov, Vladimir; Haas, Mati; **Klopov, Mihail;** Šelkan, Aleksander Letters on Materials 2016 / p. 61-72 <https://doi.org/10.22226/2410-3535-2016-1-61-72> [Journal metrics at Scopus](#) [Article at Scopus](#)

Dispersive elastic waves

Berezovski, Arkadi; Ván, Peter Internal variables in thermoelasticity 2017 / p. 85-98 https://doi.org/10.1007/978-3-319-56934-5_6 [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Distributive laws of directed containers

Ahman, Danel; **Uustalu, Tarmo** Progress in Informatics 2013 / p. 3-18 <https://doi.org/10.2201/NiiPi.2013.10.2> [Journal metrics at Scopus](#) [Article at Scopus](#)

Doktoritöö heidab valgust Läänemere ja selle ranniku tangole [Võrguväljaanne]

Oldermaa, Jaan-Juhan; **Eelsalu, Maris** novaator.err.ee 2020 / fot [Doktoritöö heidab valgust Läänemere ja selle ranniku tangole](#)

Droplet image analysis with user-friendly freeware CellProfiler

Bartkova, Simona; Vendelin, Marko; Sanka, Immanuel; Pata, Pille; Scheler, Ott Analytical methods 2020 / p. 2287-2294 : ill <https://doi.org/10.1039/D0AY00031K> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Dual internal variables

Berezovski, Arkadi; Ván, Peter Internal variables in thermoelasticity 2017 / p. 59-72 https://doi.org/10.1007/978-3-319-56934-5_4

[Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Dual-source Linear Energy Prediction (LINE-P) model in the context of WSNs

Ahmed, Faisal; Tamberg, Gert; Le Moullec, Yannick; Annus, Paul Sensors 2017 / art. 1666, p. 1-22 : ill

<https://doi.org/10.3390/s17071666> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Dynamics of discontinuities in elastic solids

Berezovski, Arkadi; Berezovski, Mihail Mathematics and mechanics of solids 2020 / p. 1416-1428

<https://doi.org/10.1177/1081286517718603> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ebe Pilt : villand ekspertidest? : [võrguväljaanne]

Pilt, Ebe postimees.ee 2018 <https://arvamus.postimees.ee/4886673/ebe-pilt-villand-ekspertidest>

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>

Eeskuju ehk Iseend muutes muudame maailma

Soomere, Tarmo Arvamus, kultuur : [ajalehe Postimees lisa] 2021 / Lk. 4 <https://dea.digar.ee/article/ak/2021/07/17/3.1>

Eessõna

Engelbrecht, Jüri Peegeldusi teadusmaastikult : kogutud kirjutised alates 2017 2023 / lk. 11-13

https://www.ester.ee/record=b5572669*est

Eessõna

Soomere, Tarmo Eesti Vabariigi preemiad 2020 : teadus. F. J. Wiedemanni keeleauehind. Sport. Kultuur. Haridus 2020 / lk. 10-11

https://www.ester.ee/record=b1226072*est

Eessõna

Engelbrecht, Jüri; Tammiksaar, Erki Eesti teaduse 100 aastat 2018 / lk. 9-10 https://www.ester.ee/record=b4774803*est

Eesti hakkab juhtima peateadurite foorumit

Soomere, Tarmo Eesti Teaduste Akadeemia sõnas ja pildis 2020 2021 / lk. 104-105 <https://arvamus.postimees.ee/7007496/tarmo-soomere-eesti-hakkab-juhtima-peateadurite-foorumit>

Eesti hariduse tähendusrikas lähiajalugu

Soomere, Tarmo Sirp 2024 <https://sirp.ee/s1-artiklid/c21-teadus/eesti-hariduse-tahendusrikas-lahiajalugu/>

Eesti korraldas esimese Euroopa füüsikaolümpiaadi

Kalda, Jaan Horisont 2017 / lk. 58-59 : fot http://www.ester.ee/record=b1072243*est

Eesti kultuuri ja eneseteadvuse märkamatud tugisambad

Soomere, Tarmo; Tammiksaar, Erki Postimees 2018 / AK lk. 7 [Tarmo Soomere ja Erki Tammiksaar: Eesti teaduse märkamatud tugisambad tuleb varjusurmast välja tuua](#)

Eesti merenduse ajalugu

Soomere, Tarmo Sirp 2023 / lk. 36 <https://www.sirp.ee/s1-artiklid/c21-teadus/eesti-merenduse-ajalugu/>

Eesti pühakodade kivimüüride niiskuskahjustused ja sooldumine

Kurik, Lembit; Sinivee, Veljo Pühakodade säilitamine ja areng 2014–2018 2019 / lk. 35-41 : ill

https://www.ester.ee/record=b5195834*est

Eesti sai uued teaduse tippkeskused : kuidas, kellele ja milleks?

Aav, Riina; Soomere, Tarmo; Uemaa, Evelyn; Raidal, Martti Sirp 2024 / lk. 34-36 : fot <https://www.sirp.ee/s1-artiklid/c21-teadus/eesti-sai-ued-teaduse-tippkeskused-kuidas-kellele-ja-milleks/>

Eesti sorab energeetika ajaloo prügikastis, aga tõeline tuumapomm tuleb mujalt

Samoson, Ago postimees.ee 2025 <https://arvamus.postimees.ee/8260318/ago-samoson-eesti-sorib-energeetika-ajaloo-prugikastis-aga-toeline-tuumapomm-tuleb-mujalt>

Eesti teaduse 100 aastat

Engelbrecht, Jüri; Tammiksaar, Erki 2018 http://www.ester.ee/record=b4774803*est

Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2019

2020 https://www.ester.ee/record=b1218094*est

Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2020
2021 https://www.ester.ee/record=b1218094*est

Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2022
2023 https://www.ester.ee/record=b1218094*est

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

Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2016
Soomere, Tarmo 2017 http://www.ester.ee/record=b1218094*est

Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2017
Soomere, Tarmo 2018 http://www.ester.ee/record=b1218094*est

Eesti Teaduste Akadeemia in words and images 2017
Soomere, Tarmo; Pilt, Ebe 2018 https://www.ester.ee/record=b5178522*est

Eesti Teaduste Akadeemia in words and images 2018
Soomere, Tarmo; Suurväli, Piret; Pilt, Ebe; Steinberg, Külliki; Jakobson, Siiri; Järv, Jaak; Varblane, Urmas 2019
https://www.ester.ee/record=b5178522*est

Eesti Teaduste Akadeemia kroonviiruse pandeemiast väljumise strateegia
Soomere, Tarmo; Niinemets, Ülo; Randma-Liiv, Tiina; Järv, Jaak Eesti Teaduste Akadeemia sõnas ja pildis 2020 2021
<https://leht.postimees.ee/6981409/akadeemikud-sammud-elamist-vaariva-tuleviku-poole>

Eesti Teaduste Akadeemia president Tarmo Soomere: Lippmaa ei valetanud, vaid lähtus tänaseks vananenud infost
Soomere, Tarmo Õhtuleht 2019 / fot <https://www.oh tuleht.ee/979652/eesti-teaduste-akadeemia-president-tarmo-soomere-lippmaa-ei-valetanud-vaid-lahtus-tanaseks-vananenud-infost>

Eesti Teaduste Akadeemia rahvusvahelisel areenil aastatel 1991-2021
Engelbrecht, Jüri Eesti Teaduste Akadeemia sõnas ja pildis 2021 2022 / lk. 51-56 : fot https://www.ester.ee/record=b5054043*est

Eesti Teaduste Akadeemia sõnas ja pildis 2017
Soomere, Tarmo 2018 http://www.ester.ee/record=b5054043*est

Eesti Teaduste Akadeemia sõnas ja pildis 2018
Soomere, Tarmo 2019 https://www.ester.ee/record=b5054043*est

Eesti Teaduste Akadeemia sõnas ja pildis 2019
2020 https://www.ester.ee/record=b5054043*est

Eesti Teaduste Akadeemia sõnas ja pildis 2020
2021 https://www.ester.ee/record=b5054043*est

Eesti Teaduste Akadeemia sõnas ja pildis 2021
2022 https://www.ester.ee/record=b5054043*est

Eesti Teaduste Akadeemia sõnas ja pildis 2022
2023 https://www.ester.ee/record=b5054043*est

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

[Eesti Teaduste Akadeemia] üldkogu aastakoosolek 20. aprillil 2018 : avasõna
Soomere, Tarmo Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2018
2019 / lk. 41-42

Eesti tulevikust: metsata või metsaga
Soomere, Tarmo Maaleht 2020 / Lk. 12-13 : fot <https://dea.digar.ee/article/maaleht/2020/11/12/15.1>

Eesti tüdruk tõi USAst maailma suurimalt õpilaste teadusvoistluselt kolmanda koha
postimees.ee 2025 <https://haridus.postimees.ee/8252363/eesti-tudruk-toi-usast-maailma-suurimalt-opilaste-teadusvoistluselt-kolmanda-koha>

Eesti Vabariigi preemiad 2017 : teadus. F. J. Wiedemanni keeleauhind. Kultuur. Sport

Eesti Vabariigi preemiad 2018 : teadus. F. J. Wiedemanni keeleauhind. Kultuur. Sport

2018 https://www.ester.ee/record=b1226072*est

Eesti Vabariigi preemiad 2019 : teadus. F. J. Wiedemanni keeleauhind. Kultuur. Sport

2019 https://www.ester.ee/record=b1226072*est

Eesti Vabariigi preemiad 2020 : teadus. F. J. Wiedemanni keeleauhind. Sport. Kultuur. Haridus

2020 https://www.ester.ee/record=b1226072*est

Eesti Vabariigi preemiad 2021 : teadus. F. J. Wiedemanni keeleauhind. Sport. Kultuur. Haridus

2021 https://www.ester.ee/record=b1226072*est

Eesti Vabariigi preemiad 2022 : teadus. F. J. Wiedemanni keeleauhind. Sport. Kultuur. Haridus

2022 https://www.ester.ee/record=b1226072*est

Eesti Vabariigi preemiad 2023 : teadus. F. J. Wiedemanni keeleauhind. Sport. Kultuur. Haridus

2023 https://www.ester.ee/record=b1226072*est

Eesti Vabariik 100 : TEA entsüklopeedia eriväljaanne

Alatalu, Riin; Engelbrecht, Jüri; Gerndorf, Kostel; Hamburg, Arvi; Lumiste, Rünno; Nõlvak, Jaak; Orru, Mall 2017
http://www.ester.ee/record=b4748911*est

Eestikeelsed teadlased maailmas

Engelbrecht, Jüri Sõida tasa üle silla : raamat eesti keelest ja meelest 2018 / lk. 330-337 https://www.ester.ee/record=b5154585*est

Eestlased võitsid rahvusvahelisel füüsikaolümpiaadil kolm kulda

Povilaitis, Dmitri pealinn.ee 2024 [Eestlased võitsid rahvusvahelisel füüsikaolümpiaadil kolm kulda](https://www.ester.ee/record=b5154585*est)

Effect of germanium incorporation on the properties of kesterite Cu₂ZnSn(S,Se)₄ monograins

Oueslati, Souhaib; Grossberg, Maarja; **Kauk-Kuusik, Marit**; Mikli, Valdek; Ernits, Kaia; Meissner, Dieter; Krustok, Jüri Thin solid films 2019 / p. 315–320 : ill <https://doi.org/10.1016/j.tsf.2018.11.020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of ice cover on wave statistics and wave-driven processes in the northern Baltic Sea

Najafzadeh, Fatemeh; Kudryavtseva, Nadezhda; Soomere, Tarmo; Giudici, Andrea Boreal environment research 2022 / p. 97-116 : ill <https://www.borenav.net/BER/archive/pdfs/ber27/ber27-097-116.pdf> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of Zr doping on the structural and electrical properties of spray deposited TiO₂ thin films

Oluwabi, Abayomi Titilope; Juma, Albert Owino; **Oja Acik, Ilona**; **Mere, Arvo**; **Krunks, Malle** Proceedings of the Estonian Academy of Sciences 2018 / p. 147–157 : ill <https://doi.org/10.3176/proc.2018.2.05> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effects of Ar⁺ etching of Cu₂ZnSnSe₄ thin films : An x-ray photoelectron spectroscopy and photoluminescence study

Yakushev, Michael V.; Sulimov, Mikhail A.; Skidchenko, Ekaterina; **Krustok, Jüri** Journal of Vacuum Science & Technology B 2018 / art. 061208, 8 p. : ill <https://doi.org/10.1116/1.5050243> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effects of irradiation of ZnO/CdS/Cu₂ZnSnSe₄/Mo/glass solar cells by 10 MeV electrons on photoluminescence spectra

Sulimov, M. A.; Sarychev, M.N.; Yakushev, Michael V.; **Krustok, Jüri** Materials science in semiconductor processing 2021 / art. 105301, 5 p. : ill <https://doi.org/10.1016/j.mssp.2020.105301> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effects of large-scale atmospheric circulation on the Baltic Sea wave climate : application of the EOF method on multi-mission satellite altimetry data

Najafzadeh, Fatemeh; Kudryavtseva, Nadezhda; Soomere, Tarmo Climate dynamics 2021 / p. 3465–3478 : ill <https://doi.org/10.1007/s00382-021-05874-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effects of selenisation temperature on photoluminescence and photoluminescence excitation spectra of ZnO/CdS/Cu₂ZnSnSe₄/Mo/glass

Sulimov, Mikhail A.; Yakushev, M. V.; Marquez-Prieto, J.; **Krustok, Jüri** Thin solid films 2019 / p. 146-151 : ill <https://doi.org/10.1016/j.tsf.2019.01.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effects of the sampling bias on retrieved modes of wave climate variations from satellite altimetry : Baltic Sea case study

Najafzadeh, Fatemeh; Kudryavtseva, Nadezhda; Soomere, Tarmo 2019 European Space Agency Living Planet Symposium 2019 / [1] p <https://lps19.esa.int>

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>

EKRE paljunemise mõjust Eesti poliitikale
Samoson, Ago postimees.ee 2024 [EKRE paljunemise mõjust Eesti poliitikale](https://postimees.ee/ekre-paljunemise-mojust-est-i-poliitika)

Eksaminandile matemaatika riigieksamist [2017]
Uudelepp, Helgi; **Lõhmus, Ahto** 2017 http://www.ester.ee/record=b1442174*est

Eksaminandile matemaatika riigieksamist [2018]
Uudelepp, Helgi; **Lõhmus, Ahto; Lumiste, Rünno; Pais, Enno** 2018 https://www.ester.ee/record=b1442174*est

Eksaminandile matemaatika riigieksamist [2020]
Uudelepp, Helgi; **Lõhmus, Ahto** 2020 https://www.ester.ee/record=b1442174*est

Elastic wave propagation in periodical one-dimensional problems: Accurate finite element modelling
Kolman, Kolman; Cho, Sang Soo; Park, K.C.; **Berezovski, Arkadi;** Gonzalez, Joze; Hora, Petra Proceedings of 8th GACM Colloquium on Computational Mechanics For Young Scientists From Academia and Industry August 28th-30th, 2019 University of Kassel, Germany 2019 / p. 23-25 <https://doi.org/10.19211/KUP9783737650939>

Elastic waves in microstructured solids
Berezovski, Arkadi Encyclopedia of Continuum Mechanics 2018 / 7 p. : ill http://doi.org/10.1007/978-3-662-53605-6_231-1

Elastic waves in microstructured solids
Berezovski, Arkadi Encyclopedia of Continuum Mechanics 2020 / p. 830-837 https://doi.org/10.1007/978-3-662-55771-6_231

Electromechanical coupling of waves in nerve fibres
Engelbrecht, Jüri; Peets, Tanel; Tamm, Kert Biomechanics and modeling in mechanobiology 2018 / p. 1771–1783 : ill
<https://doi.org/10.1007/s10237-018-1055-2> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Elektrijaam minu aias
Soomere, Tarmo Postimees 2020 / Lk. 11 : fot <https://dea.digar.ee/article/postimees/2020/09/29/12.6>

Elektrist, energiast ja füüsikast üldiselt
Kalda, Jaan Elektriala 2019 / lk. 26-27 : ill http://www.ester.ee/record=b1240496*est

Emergence of solitonic structures in hierarchical Korteweg–de Vries Systems
Salupere, Andrus; Lints, Martin; Illison, Lauri Applied wave mathematics II : selected topics in solids, fluids, and mathematical methods and complexity 2019 / p. 89-124 https://doi.org/10.1007/978-3-030-29951-4_5 https://www.ester.ee/record=b5303400*est

Energetics and calcium handling in hearts from creatine-deficient mice = Energeetika ja kaltsiumi käitlemine kreatiini puudulike hiirte südames
Branovets, Jelena 2022 <https://doi.org/10.23658/taltech.56/2022> <https://digikogu.taltech.ee/et/item/36325289-f635-4816-bddc-2246206e6dc1> https://www.ester.ee/record=b5511927*est

Energia kokkuhoiuks on rohkelt võimalusi. Kas tead, milline lihtne nipp aitab külmiku puhul?
Eesti Ekspress 2023 / Lk. 17 <https://dea.digar.ee/article/eestiekspress/2023/02/22/17.1>

Energy-efficiency of cardiomyocyte stimulation with rectangular pulses
Laasmaa, Martin; Lu, Pengfei; Velećić, Mladen; Louch, William Edward; Bergsland, Jacob; Balasingham, Ilango; **Vendelin, Marko** Scientific reports 2019 / art. 13307, p. 1–9 <https://doi.org/10.1038/s41598-019-49791-w> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Engelbrecht: innovatsioon sünnib loosungite asemel sisulisest mõistmisest
Engelbrecht, Jüri novaator.err.ee 2025 <https://novaator.err.ee/1609612721/engelbrecht-innovatsioon-sunnib-loosungite-asetel-sisulisest-moistmisest>

Enhanced mobility of high-frequency discrete breathers in a monatomic chain with odd anharmonicity
Šelkan, Aleksander; **Klopov, Mihhail;** Hižnjakov, Vladimir Physics letters A 2019 / p. 1893-1896 : ill

Enhancing D-bar reconstructions for electrical impedance tomography with conformal maps

Hyvönen, Nuutti; Päivärinta, Lassi Juhani; Tamminen, Janne Pertti Olavi Inverse problems & imaging 2018 / p. 373-400 : ill
<https://doi.org/10.3934/ipi.2018017> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Enhancing D-bar reconstructions for electrical impedance tomography with conformal maps [Online resource]

Hyvönen, Nuutti; Päivärinta, Lassi Juhani; Tamminen, Janne Pertti Olavi arXiv.org 2017 / p. 1-27 : ill
<https://arxiv.org/abs/1702.07531v1>

Enn Mellikov (1.04.1945-23.07.2018)

Soomere, Tarmo Eesti Teaduste Akadeemia in words and images 2018 2019 / p. 14-15 : portr
https://www.ester.ee/record=b5178522*est

Enn Mellikov (1.04.1945-23.07.2018) : Tarmo Soomere järelhüüe Enn Mellikovi ärasaatmisel akadeemia saalis 2. augustil 2018

Soomere, Tarmo Eesti Teaduste Akadeemia sõnas ja pildis 2018 2019 / lk. 14-15 : portr

Enn Tõugu mitme vaatusega etendus

Hanson, Ene; Tõugu, Enn Postimees 2017 / Raamat, lk. 5

Enn Tõugu: "Arvutil on hing sees" : [raamatust "Arvutid, küberruum ja tehismõistus"]

Tõugu, Enn; Raud, Juhan Postimees 2018 / AK, lk. 8-9 [Enn Tõugu: "Arvutil on hing sees"](#)

Ensemble approach for the projections of extreme water levels reveals bias in water level observations

Eelsalu, Maris; Soomere, Tarmo; Pindsoo, Katri; Lagemaa, Priidik 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 85
http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Ensemble hindcast of the wave properties in the Baltic Sea [Online resource]

Räämet, Andrus; Soomere, Tarmo Baltic Earth Workshop on multiple drivers for Earth system changes in the Baltic Sea region : Tallinn University of Technology, Tallinn, Estonia 26-27 November 2018 : [programme, abstracts, participants] 2018 / p. 42
https://www.baltic-earth.eu/multipledrivers2018/material/No.14_Tallinn2018.pdf

Entropy

Kalda, Jaan 2022 https://www.mdpi.com/journal/entropy/special_issues/economic_complex_networks#info

The equivalent medium for the elastic scattering by many small rigid bodies and applications

Al-Musallam, Fadhel; Challa, Durga Prasad; Sini, Mourad IMA Journal of Applied Mathematics (Institute of Mathematics and Its Applications) 2016 / p. 1020 - 1050 <https://doi.org/10.1093/imamat/hxw042> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Erratum : Linearization of discrete-time control system by state transformation

Mullari, Tanel; Kotta, Ülle Proceedings of the Estonian Academy of Sciences 2021 / p. 307 <https://doi.org/10.3176/proc.2021.1.09>
https://kirj.ee/wp-content/plugins/kirj/pub/Erratum-proc-3-2021-307_20210822154030.pdf

Estimating the wave statistics bias in the partially ice-covered regions of the Baltic Sea

Najafzadeh, Fatemeh; Kudryavtseva, Nadezhda; Giudici, Andrea; Soomere, Tarmo 3rd Baltic Earth Conference : Earth system changes and Baltic Sea coasts, To be held in Jastarnia, Hel Peninsula, Poland, 1 to 5 June 2020, Held online, 2-3 June 2020 : Conference proceedings 2020 / P. 181-182 : ill [Proceeding](#)

Estimation of coastal dunes recession rate in the Russian part of the Curonian Spit

Kovaleva, Olga; Chubarenko, Boris; Ryabchuk, Daria 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 2013 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Estonian Academy of Sciences yearbook 2019 : words and images. Facts and figures = Annales Academiae Scientiarum Estonicae

2020 https://www.ester.ee/record=b1218154*est

Estonian code of conduct for research integrity

2017 http://www.ester.ee/record=b4761004*est

ETV-s tele-esilinastub Kaupo Kruusiaugu dokfilm "Mees missioonil"

kultuur.err.ee 2024 [ETV-s tele-esilinastub Kaupo Kruusiaugu dokfilm "Mees missioonil"](#)

Euroopa teaduste akadeemiate regeneratiivmeditsiini tulevikuvision

Vasar, Eero; **Soomere, Tarmo** Sirp 2020 / lk. 22-23 : ill <https://www.sirp.ee/s1-artiklid/c21-teadus/euroopa-teaduste-akadeemiate-regeneratiivmeditsiini-tulevikuvision/> https://www.ester.ee/record=b1072938*est

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/>

Euroopa teadusuuringute nõukogust

Engelbrecht, Jüri Horisont 2017 / lk. 6 : portr http://www.ester.ee/record=b1072243*est https://artiklid.elnet.ee/record=b2819535*est

E-valimised ei ole turvalised

Samoson, Ago Postimees 2025 / lk. 13 <https://dea.digar.ee/article/postimees/2025/02/05/11.5>

E-valimised on praegu usalduse küsimus

Samoson, Ago Postimees 2023 / Lk. 12 <https://dea.digar.ee/article/postimees/2023/09/27/13.4>

E-valimiste süsteemi üks loojatest tõrjub pea kõiki Samosoni väiteid

Strandberg, Marek postimees.ee 2025 [E-valimiste süsteemi üks loojatest tõrjub pea kõiki Samosoni väiteid](https://postimees.ee/2025/02/05/11.5)

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 of sea surface heights from multi-mission satellite altimetry by utilizing hydrodynamic and geoid models

Mostafavi, Majid; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu Geodesy for a Sustainable Earth, Scientific Assembly of the International Association of Geodesy : abstract book 2021 / S5-032; 1 p https://mm.sciconf.cn/en/minisite/poster-detail-new/1646?poster_id=1566532

Evaluation of swot sea level data in the coastal areas of the Baltic Sea

Kupavõh, Aleksei; Delpeche-Ellmann, Nicole Camille; Ellmann, 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>

Evolutionary algorithms for hyperparameter optimization in machine learning for application in high energy physics

Tani, Laurits; Rand, Diana; Veelken, Christian; Kadastik, Mario The European Physical Journal C 2021 / art. 170, 9 p. : ill <https://doi.org/10.1140/epjc/s10052-021-08950-y>

Evolutionary algorithms for hyperparameter optimization in machine learning for application in high energy physics : [preprint]

Tani, Laurits; Rand, Diana; Veelken, Christian; Kadastik, Mario arXiv.org 2021 / 11 p. : ill <https://doi.org/10.48550/arXiv.2011.04434>

Evolving narratives of ship wake science and management

Soomere, Tarmo; Parnell, Kevin Ellis The 1st ShipWave International Workshop on Ship-induced Hydrodynamic Loads in Shallow Confined Coastal Waterways Hamburg, Germany, 22 to 24 March 2023 : Book of Abstracts 2023 / p. 2-3 <https://doi.org/10.18451/shipwave.2023>

Examination of the effects of wind induced forcings on surface drifters circulation patterns in the Gulf of Finland

Delpeche-Ellmann, Nicole Camille; Torsvik, Tomas 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 48 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Examining and quantifying the role of transverse jets in coastal upwellings, from a Lagrangian transport perspective

Delpeche-Ellmann, Nicole Camille; Soomere, Tarmo; Ellmann, Artu IUGG 2019 : abstract book 2019 / [1] p., abstract: IUGG19-2212 <http://iugg2019montreal.com/abstract-book.html>

Examining coastal upwellings from a Lagrangian perspective in the Gulf of Finland, Baltic Sea

Delpeche-Ellmann, Nicole Camille; Mingelaite, Toma; Soomere, Tarmo Geophysical research abstracts 2017 / p. EGU2017-18648 <https://meetingorganizer.copernicus.org/EGU2017/EGU2017-18648.pdf>

Examining Lagrangian surface transport during a coastal upwelling in the Gulf of Finland, Baltic Sea

Delpeche-Ellmann, Nicole Camille; Mingelaite, Toma; Soomere, Tarmo Journal of marine systems 2017 / p. 21-30 : ill <https://doi.org/10.1016/j.jmarsys.2016.10.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Examining mean dynamic topography using geodetic and oceanographic approaches for the Baltic Sea

Jahanmard, Vahidreza; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu Nordic Geodetic Commission General Assembly 2022 in Copenhagen : Session 1 - Planet Ocean and Geodesy 2022 / 2 p <https://medialib.cmcdn.dk/medialibrary/010C1367-E991-4A33-AB10-1953247E9C23/66B785FC-3925-ED11-84B6-00155D0B0940.pdf> <https://www.conferencemanager.dk/nkg-2022/sessions>

Examining surface circulation patterns of the Baltic Sea using satellite data, ocean models and in-situ observations
Delpeche-Ellmann, Nicole Camille; Torsvik, Tomas; Soomere, Tarmo Sentinel-3 for Science Workshop: Abstract Book 2015 / p. 284 http://seom.esa.int/S3forScience2015/page_session28.php

Examining the performance of along track multi-mission satellite altimetry – a case study for Sentinel-6
Heinoja, Lenne-Liisa; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu Journal of geodetic science 2023 / art. 20220159
<https://doi.org/10.1515/jogs-2022-0159> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Examining the performance of satellite altimetry along track sea level data for Sentinel-6, Jason3 and Sentinel-3
Heinoja, Lenne-Liisa; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu Nordic Geodetic Commission General Assembly 2022 in Copenhagen : Poster Session 2022 / 24 l. <https://medialib.cmcdn.dk/medialibrary/010C1367-E991-4A33-AB10-1953247E9C23/530AEABD-3A25-ED11-84B6-00155D0B0940.pdf>

Examining the performance of satellite altimetry (SWOT) sea level data in the coastal areas of the Baltic Sea
Kupavõh, Aleksei; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu; Soomere, Tarmo Journal of coastal research 2024 / p. 534-538 <https://doi.org/10.2112/JCR-SI113-105.1>

Examining the performance of the sentinel-3 coastal altimetry in the Baltic Sea using a regional high-resolution Geoid model

Birgiel, Elzbieta; Ellmann, Artu; Delpeche-Ellmann, Nicole Camille 2018 Baltic Geodetic Congress : BGC Geomatics, Olsztyn, Poland, 21-23 June, 2018 : proceedings 2018 / p. 196–201 : ill <https://doi.org/10.1109/BGC-Geomatics.2018.00043>

Examining the performance sentinel-3A SAR altimetry retracers and hydrodynamic models sing a high-Resolution Geoid model in the Baltic Sea

Delpeche-Ellmann, Nicole Camille; Mostafavi, Majid; Ellmann, Artu 12th Coastal Altimetry Workshop : Coastal Altimetry Training Course, 4-7 February, 2020 : European Space Agency ESRIN, Frascati, Italy : abstracts 2020 / p. 14
<https://az659834.vo.msecnd.net/eventsairwesteuprod/production-nikal-public/ae128dad984c40168397660cc8d0ede7>

Examining the role of bottom topography on coastal upwelling jets using a synergy of in-situ, satellite and model data in the Gulf of Finland, Baltic Sea

Delpeche-Ellmann, Nicole Camille; Döös, Kristofer; Viikmäe, Bert; Soomere, Tarmo Geophysical research abstracts 2018 / p. EGU2018-15364 <https://meetingorganizer.copernicus.org/EGU2018/EGU2018-15364.pdf>

Experimental evaluation and numerical modelling residual stresses in glass panel

Majak, Jüri; Anton, Johan; Õunapuu, Erko; Auriemma, Fabio; Pohlak, Meelis; Eerme, Martin; Klauson, Aleksander 2018 International Conference on Materials Science and Manufacturing Engineering (MSME 2018) MATEC web of conferences 2019 / art. 02003, 7 p. : ill <https://doi.org/10.1051/mateconf/201925302003>

Experimental observation of quantum many-body excitations of E8 symmetry in the Ising chain ferromagnet CoNb2O6
Amelin, Kirill; Engelmayer, Johannes; Viirik, Johan; Nagel, Urmas; Rööm, Toomas; Lorenz, Thomas; Wang, Zhe Physical review B 2020 / art. 104431, 5 p. : ill <https://doi.org/10.1103/PhysRevB.102.104431>

Experimental verification of dispersive wave propagation on guitar strings

Kartofelev, Dmitri; Arro, Joann Gustav; Valimäki, Vesa SMC 2019 : Proceedings of the 16th Sound & Music Computing Conference 2019 / p. 324–331 : ill <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084386995&partnerID=40&md5=b18526954c2e08531266a8f19f44811e> http://smc2019.uma.es/docs/SMC2019_Proceedings.pdf

Experimental, analytical, and numerical study of transient elastic waves from a localized source in an aluminium strip

Mračko, Michal; Adamek, Vítězslav; Berezovski, Arkadi; Kober, Jan; Kolman, Radek Applied acoustics 2021 / art. 107983
<https://doi.org/10.1016/j.apacoust.2021.107983> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Exploring the academies of sciences of the southern hemisphere

Soomere, Tarmo Estonian Academy of Sciences yearbook 2019 : words and images. Facts and figures = Annales Academiae Scientiarum Estonicae 2020 / p. 65-69 : ill https://www.ester.ee/record=b1218154*est

Exponential distribution of wave-driven near-bed water speeds under short-crested waves: a case study in the eastern Gulf of Riga, the Baltic Sea

Eelsalu, Maris; Piho, Laura; Aigars, Juris; Kelpšaitė-Rimkienė, Loreta; Kondrat, Vitalijus; Kruusmaa, Maarja; Parnell, Kevin Ellis; Ristolainen, Asko; Šakurova, Ilona; Skudra, Māris; Viška, Maija; Soomere, Tarmo Proceedings of the Estonian Academy of Sciences 2025 / p. 23-42 : map, ill <https://doi.org/10.3176/proc.2025.1.03>

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 observer forms for submersive discrete-time systems

Simha, Ashutosh; **Kaparin, Vadim; Mullari, Tanel; Kotta, Ülle** IEEE Transactions on Automatic Control 2023 / p. 2684 - 2688
<https://doi.org/10.1109/TAC.2023.3336253> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

Fakt teadust päevas: füüsik selgitab, miks virmalised on pildil säravamad kui silmaga vaadates

Kalda, Jaan ohtuleht.ee 2025 <https://www.ohtuleht.ee/1126427/fakt-teadust-paevas-fuusik-selgitab-miks-virmalised-on-pildil-saravamad-kui-silmaga-vaadates>

Farey jadad ja Minkowski ?-funktsioon

Leibak, Alar Aastaraamat 2017 / Eesti Matemaatika Selts 2018 / lk. 31-37 https://www.ester.ee/record=b1226018*est

Fast assessment of oil shale quality by spectral methods = Põlevkivi kvaliteedi kiirmääramine spektraalsetel meetoditel

Tufail, Iram 2022 <https://doi.org/10.23658/taltech.50/2022> <https://digikogu.taltech.ee/et/Item/23cf4874-d577-47fe-8dd0-8cf21a75cb0b>
https://www.ester.ee/record=b5511738*est

Fast shoreline erosion induced by ship wakes in a coastal lagoon : field evidence and remote sensing analysis

Zaggia, Luca; Lorenzetti, Giuliano; Manfe, Giorgia; **Soomere, Tarmo** PLoS ONE 2017 / art. e0187210, p. 1-23 : ill
<https://doi.org/10.1371/journal.pone.0187210> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Faster magic angle spinning reveals cellulose conformations in woods

Yuan, Eric Chung-Yueh; Huang, Shing-Jong; Huang, Hung-Chia; Sinkkonen, Jari; **Oss, Andres; Org, Mai-Liis; Samoson, Ago; Tai, Hwan-Ching; Chan, Jerry Chun Chung** Chemical communications 2021 / p. 4110-4113 <https://doi.org/10.1039/D1CC01149A> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Feedback linearization of discrete-time nonlinear control systems : computational aspects

Mullari, Tanel; Kotta, Ülle Proceedings of the Estonian Academy of Sciences 2020 / p. 11-26 <https://doi.org/10.3176/proc.2020.1.03>
http://kirj.ee/32996/?tpl=1061&c_tpl=1064 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Ferritic chromium steel as binder metal for WC cemented carbides

Tarraste, Marek; Kübarsepp, Jakob; Juhani, Kristjan; Mere, Arvo; Kolnes, Märt; Viljus, Mart; Maaten, Birgit International journal of refractory metals and hard materials 2018 / p. 183-191 : ill <https://doi.org/10.1016/j.jrmhm.2018.02.010> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Fiber orientation in the bottom layer of a small fiber concrete plate

Herrmann, Heiko; Tuisk, Tanel; Braunbrück, Andres Colloquium 582 : Short Fibre Reinforced Cementitious Composites and Ceramics : book of abstracts, March 20-22, 2017 2017 / p. [14-15] : ill http://www.ester.ee/record=b4658990*est

Filosoof maailma muutmas : [kõne Tallinna ülikooli rektori Tõnu Viigi inauguratsioonil 17.05.2021]

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 231-233 https://www.ester.ee/record=b5521198*est

Finite-time compressibility as an agent of frequent spontaneous patch formation in the surface layer: A case study for the Gulf of Finland, the Baltic Sea

Giudici, Andrea; Soomere, Tarmo Marine pollution bulletin 2014 / p. 239-249 : ill <https://doi.org/10.1016/j.marpolbul.2014.09.053>
Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

First European physics olympiad

Kalda, Jaan Europhysics news 2017 / p. 4-5 : phot <http://epn.eps.org/EPN%2048-4#p=5>

First European physics olympiad - short and challenging problems

Heidelberg, Mihkel; Vigh, Mate; Kalda, Jaan European journal of physics 2018 / 16 p.: ill <https://doi.org/10.1088/1361-6404/aab59f>
Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The first Global e-Competition on Astronomy and Astrophysics

Zelko, Ioana A.; Barclay, Charles; Eenmäe, Tõnis; **Kalda, Taavet;** Papathanassiou, Hara; Poljakov, Nikita; Rojas, Gustavo A.; Sepp, Tiit; Stachowski, Greg; Sule, Aniket American Journal of Physics 2023 / p. 867-872 <https://doi.org/10.1119/5.0121242>
<https://pubs.aip.org/aapt/ajp/article/91/11/867/2917276/The-first-Global-e-Competition-on-Astronomy-and>

A first look to Lagrangian coherent structures in the Gulf of Finland as a meanto identify hotspots of surface particle

aggregation

Giudici, Andrea; Suara, Kabir Adewale; **Soomere, Tarmo**; Brown, Richard J. 3rd Baltic Earth Conference : Earth system changes and Baltic Sea coasts, To be held in Jastarnia, Hel Peninsula, Poland, 1 to 5 June 2020, Held online, 2-3 June 2020 : Conference proceedings 2020 / p. 97-98 : ill ["proceedings"](#)

First principle calculations of structural, electronic, optical and thermoelectric properties of tin (II) oxide

Solola, G. T.; **Klopov, Mihhail**; Akinami, J. O.; Afolabi, T. A. Materials research express 2019 / art. 125915, 8 p. : ill <https://doi.org/10.1088/2053-1591/ab6384> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fischer ja Kadastik: andmepõhine tugi koroonakriisi juhtimisele Eestis [Võrguväljaanne]

Fischer, Krista; **Kadastik, Mario** err.ee 2021 ["Fischer ja Kadastik: andmepõhine tugi koroonakriisi juhtimisele Eestis"](#)

Forecasting of absolute dynamic topography by utilizing machinelearning with synergy of satellite altimetry data

Delpeche-Ellmann, Nicole Camille; Rajabi-Kiasari, Saeed; **Ellmann, Artu** 13th Coastal Altimetry Workshop & Coastal Altimetry Training, 6-10 February 2023, Universidad de Cádiz, Spain : abstract 2023 / p. 42 <https://www.coastalaltimetry.org/NikalWebsitePortal/coastal-altimetry-workshop/esa/ExtraContent/ContentSubPage?page=8&subPage=3>

Forecasting of absolute dynamic topography using deep learning algorithm with application to the Baltic Sea

Rajabi-Kiasari, Saeed; **Delpeche-Ellmann, Nicole Camille**; **Ellmann, Artu** Computers & geosciences 2023 / art. 105406, 16 p. : ill <https://doi.org/10.1016/j.cageo.2023.105406> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Soomere, Tarmo Estonian Academy of Sciences yearbook 2019 : words and images. Facts and figures = Annales Academiae Scientiarum Estonicae 2020 / p. 5 https://www.ester.ee/record=b1218154*est

Foreword

Engelbrecht, Jüri Proceedings of the Estonian Academy of Sciences 2022 / p. 1-2 : portr <https://doi.org/10.3176/proc.2022.1.04>

Foreword

Soomere, Tarmo Estonian Academy of Sciences year book : facts and figures = Annales Academiae Scientiarum Estonicae 2019 / p. 5-6 https://www.ester.ee/record=b1218154*est

Foreword

Soomere, Tarmo Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2017 2018 / p. 5-6 https://www.ester.ee/record=b1874722*est

Foreword

Soomere, Tarmo Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2016 2017 / p. 5-7

Formalizing restriction categories

Chapman, James; **Uustalu, Tarmo**; **Veltri, Niccolo** Journal of formalized reasoning 2017 / p. 1-36 <https://doi.org/10.6092/issn.1972-5787/6237> [Journal metrics at Scopus](#) [Article at Scopus](#)

Forward and backward shifts of vector fields : towards the dual algebraic framework

Mullari, Tanel; **Kotta, Ülle**; Bartosiewicz, Zbigniew; Pawluszewicz, Ewa; Moog, Claude IEEE transactions on automatic control 2017 / p. 3029-3033 <https://doi.org/10.1109/TAC.2016.2608718> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The Fourier, Hilbert, and Mellin transforms on a half-line

Blasten, Emilia; **Päivärinta, Lassi Juhani**; **Sadique, Sadia** SIAM Journal on Mathematical Analysis 2023 / p. 7529-7548 <https://doi.org/10.1137/23M1560628> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fractal and multifractal analysis of complex networks : Estonian network of payments

Rendon de la Torre, Stephanie; **Kalda, Jaan**; **Kitt, Robert**; **Engelbrecht, Jüri** The European physical journal B 2017 / art. 234, p. 1-8 : ill <https://doi.org/10.1140/epjb/e2017-80214-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

From econophysics to networks : structure of the large-scale Estonian network of payments = Majandusfüüsikast võrgustikesse : Eesti maksevõrgustike struktuur

Rendón de la Torre, Stephanie 2019 <https://digi.lib.ttu.ee/i/?11938>

Full field computing for elastic pulse dispersion in inhomogeneous bars

Berezovski, Arkadi; Kolman, Radek; Berezovski, Mihhail; Gabriel, Dusan; Adámek, V. Composite structures 2018 / p. 388-394 : ill

Fully synchronized acoustomechanical testing of skin : biomechanical measurements of nonclassical nonlinear parameters

Lints, Martin; Dos Santos, Serge; Kozena, Colette; Kus, Vaclav; **Salupere, Andrus** 24th International Congress on Sound and Vibration 2017 (ICSV 24) : London, United Kingdom, 23-27 July 2017. Vol. 3 2017 / p. 1970-1977 : ill https://www.iaav.org/archives_icsv_last/2017_icsv24/content/papers/papers/full_paper_867_20170403135841549.pdf

Füüsik Jaan Kalda: rahvusvaheliste olümpiaadide võistkondi toidavad vaid paar kooli ning füüsikaõpetajat

Raudla, Heiki Õpetajate Leht 2023 <https://opleht.ee/2023/08/fuusik-jaan-kalda-rahvusvaheliste-olümpiaadide-voistkondi-toidavad-vaid-paar-kooli-ning-fuusikaopetajat/>

Füüsik Jaan Kalda: tuumaenergeetika ohud seonduvad pigem inimliku faktoriga

Kalda, Jaan postimees.ee 2023 [Füüsik Jaan Kalda: tuumaenergeetika ohud seonduvad pigem inimliku faktoriga](https://postimees.ee/2023/08/fuusik-jaan-kalda-tuumaenergeetika-ohud-seonduvad-pigem-inimliku-faktoriga)

Füüsik vastab, kas nutitelefoni saaks laadida kehasoojusega [Võrguväljaanne]

Kalda, Jaan novaator.err.ee 2021 ["Füüsik vastab, kas nutitelefoni saaks laadida kehasoojusega "](https://novaator.err.ee/2021/08/fuusik-vastab-kaas-nutitelefoni-saaks-laadida-kehasoojusega)

Füüsik vastab, kui energiasäästlikuks saab kodumasinad timmida [Võrguväljaanne]

Kalda, Jaan novaator.err.ee 2021 ["Füüsik vastab, kui energiasäästlikuks saab kodumasinad timmida "](https://novaator.err.ee/2021/08/fuusik-vastab-kui-energasaaestlikuks-saab-kodumasinad-timmida)

Füüsika ülesannete kogu gümnaasiumile

Paju, Erna; Paju, Venda; **Loide, Rein-Karl** 2020 https://www.ester.ee/record=b5368085*est

Füüsikaolümpiaadi väga edukas aasta

Košik, Oleg; **Kree, Mihkel** Horisont 2019 / lk. 58-59 : ill https://www.ester.ee/record=b1072243*est

Füüsikaolümpiaadilt Tokyos võis kuldmedal jääda tulemata ülesannete lihtsa loomu tõttu

Jõgi, Aime tartu.postimees.ee 2023 [Füüsikaolümpiaadilt Tokyos võis kuldmedal jääda tulemata ülesannete lihtsa loomu tõttu](https://tartu.postimees.ee/2023/08/fuusikaolümpiaadilt-tokyos-vois-kuldmedal-jaada-tulemata-ulesannete-lihtsa-loomu-toottu)

Füüsikaprofessor kritiseerib: riiklikul tuumaenergiaraportil on suur puudujääk

Eesti Päevaleht 2024 / lk. 6 <https://dea.digar.ee/article/eestipaevaleht/2024/01/04/5.5>

Füüsikaprofessor selgitab, kuidas kõiel kõndides tasakaalu hoida

Kalda, Jaan novaator.err.ee 2024 [Füüsikaprofessor selgitab, kuidas kõiel kõndides tasakaalu hoida](https://novaator.err.ee/2024/01/fuusikaprofessor-selgitab-kuidas-kõiel-kõndides-tasakaalu-hoida)

Füüsikaprofessor: riiklikul tuumaenergiaraportil on suur puudujääk

Laast, Joanna delfi.ee 2024 [Füüsikaprofessor: riiklikul tuumaenergiaraportil on suur puudujääk](https://delfi.ee/2024/01/fuusikaprofessor-riiklikul-tuumaenergiaraportil-on-suur-puudujaa)

Füüsikat teades muutub ka saunaskäik mõnusamaks

Kalda, Jaan maaleht.ee 2024 [Füüsikat teades muutub ka saunaskäik mõnusamaks](https://maaleht.ee/2024/01/fuusikat-teades-muutub-ka-saunaskaik-monusamaks)

Gas sensing capability of spray deposited Al-doped ZnO thin films

Eensalu, Jako Siim; **Katerski, Atanas;** **Mere, Arvo;** **Krunks, Malle** Proceedings of the Estonian Academy of Sciences 2018 / p. 124–130 : ill <https://doi.org/10.3176/proc.2018.2.02> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Gas sensing capability of spray deposited Al-doped ZnO thin films [Online resource]

Eensalu, Jako Siim; **Katerski, Atanas;** **Mere, Arvo;** **Krunks, Malle** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märtsil 2018, Tallinn : teesid] GSFMT Scientific Conference 2018 : Tallinn, March 7-8, 2018 : abstracts 2018 / 1 p <http://fntdk.ut.ee/teesid-2018/>

General Assembly on 6 December 2017 : summary of the activities in 2017

Soomere, Tarmo Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2017 2018 / p. 92-95 https://www.ester.ee/record=b1874722*est

General Assembly on 19 April 2017 : activities of the academy in 2016

Soomere, Tarmo Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2017 2018 / p. 83-89 https://www.ester.ee/record=b1874722*est

General Assembly on 19 April 2017 : closing remarks

Soomere, Tarmo Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2017 2018 / p. 90-92 https://www.ester.ee/record=b1874722*es

General Assembly on 19 April 2017 : opning address

Soomere, Tarmo Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2017 2018 / p. 80-82 https://www.ester.ee/record=b1874722*est

Generalization of the double-reversal method of finding a canonical residual finite state automaton

Tamm, Hellis Descriptive Complexity of Formal Systems 17th International Workshop, DCFS 2015, Waterloo, ON, Canada, June 25-27, 2015. Proceedings 2015 / p. 268 - 279 https://doi.org/10.1007/978-3-319-19225-3_23 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Generation of large pollution patches via collisions of sticky floating parcels driven by wind and surface currents

Giudici, Andrea; Kalda, Jaan; Soomere, Tarmo Marine pollution bulletin 2019 / p. 573–585 : ill <https://doi.org/10.1016/j.marpolbul.2019.02.039> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Geomorphic metrics for implementing a "rights of nature" approach to coastal management

Parnell, Kevin Ellis; Soomere, Tarmo Journal of coastal research 2024 / p. 38-42 <https://doi.org/10.2112/JCR-SI113-008.1>

Globalprobleemid pole lihtsad

Engelbrecht, Jüri postimees.ee 2024 [Globalprobleemid pole lihtsad](#)

Going beyond the borders : pyrrolo[3,2-b]pyrroles with deep red emission

Tasior, Mariusz; Kowalczyk, Pawel; Przybyl, Marta; Czichy, Malgorzata; Janasik, Patryk; Bousquet, Manon H.E.; Łapkowski, Mieczysław; **Rammo, Matt**; Rebane, Aleksander; Jacquemin, Denis; Gryko, Daniel T. Chemical science 2021 / p. 15935–15946 : ill <https://doi.org/10.1039/D1SC05007A>

Graniitliiva needus! Kas talvesaapasse sattuvast kivis on süüdi kurjad vaimud või lihtne füüsika?

Joakit, Ekvard Õhtuleht 2023 / lk. 10 [Graniitliiva needus! Kas talvesaapasse sattuvast kivis on süüdi kurjad vaimud või lihtne füüsika?](#) <https://dea.digar.ee/article/ohituleht/2023/01/10/3.15>

Gravitational wave microlensing by dressed primordial black holes

Urrutia, Juan; Vaskonen, Ville; Veermäe, Hardi Physical Review D 2023 / art. 023507 <https://doi.org/10.1103/PhysRevD.108.023507> [Journal metrics at Scopus](#) [Article at Scopus](#)

Guyer-Krumhansl-type heat conduction at room temperature

Van, Peter; **Berezovski, Arkadi;** Fülöp, T.; Gróf, Gy.; Kovács, R.; Lovas, Á.; Verhás, J. EPL 2017 / art. 50005, 7 p. : ill <https://doi.org/10.1209/0295-5075/118/50005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Halval ajal vajame head nõu

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 307-309 https://www.ester.ee/record=b5521198*est

Harald Keres - teaduse südametunnistus

Engelbrecht, Jüri Eesti teaduse 100 aastat 2018 / lk. 138-141 : portr

Haridusteaduse seis : tunneli otsast paistavad päikesekiired

Soomere, Tarmo Õpetajate Leht 2018 / fot <https://opleht.ee/2018/12/haridusteaduse-seis-tunneli-otsast-paistavad-paikesekiired/>

Haridusteaduse seis : tunneli otsast paistavad päikesekiired

Soomere, Tarmo Haridus - meie ühine vastutus : Eesti Haridusfoorum 2018-2020 : ettekannete ja artiklite kogumik 2020 / lk. 56-58 https://www.ester.ee/record=b5397258*est <https://opleht.ee/2018/12/haridusteaduse-seis-tunneli-otsast-paistavad-paikesekiired/>

Hea nõu ei pruugi olla kallis

Soomere, Tarmo Sirp 2021 / lk. 12 <https://sirp.ee/s1-artiklid/c21-teadus/hea-nou-ei-pruugi-olla-kallis/>

Hea nõu tee läheb Euroopas üle kivide ja kändude

Soomere, Tarmo Postimees 2024 [Hea nõu tee läheb Euroopas üle kivide ja kändude](#)

Hea teadustava

2017 http://www.ester.ee/record=b4761000*est https://www.eetika.ee/sites/default/files/www_ut/hea_teadustava_trukis.pdf

Heat conduction in microstructured solids

Berezovski, Arkadi; Ván, Peter Internal variables in thermoelasticity 2017 / p. 131-145 https://doi.org/10.1007/978-3-319-56934-5_10 [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Heat conduction in microstructured solids under localised pulse loading

Berezovski, Arkadi Continuum mechanics and thermodynamics 2021 / p. 2493-2507 <https://doi.org/10.1007/s00161-021-01032-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Heitlusest kroonviirusega suure sõja lävepakuni

Soomere, Tarmo Sirp 2022 / lk. 34-35 <https://www.sirp.ee/s1-artiklid/c21-teadus/heitlusest-kroonviirusega-suure-soja-lavepakuni/>

Heterogeneity of diffusion restrictions in cardiomyocytes = Difusioonitakistuste heterogeensus südamelihaskud
Jepihhina, Natalja 2017 <https://digi.lib.ttu.ee/i/?8085> https://www.ester.ee/record=b4681847*est

Hidden secrets of transverse coastal upwelling jets revealed using a synergy of data in the Gulf of Finland, Baltic Sea
Delpeche-Ellmann, Nicole Camille; Soomere, Tarmo Abstracts : [BSSC 2019] 2019 / p. 112
https://www.su.se/polopoly_fs/1.446756.1566224624!/menu/standard/file/abstracts_A5_ny.pdf

High and fast : NMR protein-proton side-chain assignments at 160 kHz and 1.2 GHz

Callon, Morgane; Luder, Dominique; Malär, Alexander A.; Wiegand, Thomas; Římal, Václav; Lecoq, Lauriane; Böckmann, Anja; Samoson, Ago; Meier, Beat H. Chemical Science 2023 / p. 10824 - 10834 <https://doi.org/10.1039/d3sc03539e> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

High-accuracy reference standards for quantitative two-photon absorption spectroscopy = Kõrgtäpsusega standardid kvantitatiivses kahefootonses neeldumisspektroskoopias

Reguardati Di Castelfranco, Sophie De 2017 <https://digi.lib.ttu.ee/i/?8432> https://www.ester.ee/record=b4689249*est

Higher AMPK activation in mouse oxidative compared with glycolytic muscle does not correlate with LKB1 or CaMKKb expression

Bernasconi, Romain; Soodla, Kärol; Sirp, Alex; Zovo, Kairit; Kuhtinskaja, Maria; Lukk, Tiit; Vendelin, Marko; Birkedal, Rikke American journal of physiology - Endocrinology and metabolism 2025 / p. E21-E33 <https://doi.org/10.1152/ajpendo.00261.2024>

Higher order 1-bit Sigma-Delta modulation on a circle

Graf, Olga; Krahmer, Felix; Krause-Solberg, Sara 2019 International Conference on Sampling Theory and Applications (SampTA) : 13th International Conference : Bordeaux, France, July 8-12, 2019 : [proceedings] 2019 / 5 p
<https://sampta2019.sciencesconf.org/browse/author?authorid=715157>

High-resolution wave model for coastal management and engineering in the eastern Baltic Sea

Giudici, Andrea; Männikus, Rain; Najafzadeh, Fatemeh; Jankowski, Mikolaj Zbigniew; Soomere, Tarmo; Suursaar, Ülo 4th Baltic Earth Conference Assessing the Baltic Sea Earth System : Jastarnia, Hel Peninsula, Poland, 30 May to 3 June 2022 : conference proceedings 2022 / p. 150-151 : ill
https://baltic.earth/imperia/md/assets/baltic_earth/baltic_earth/baltic_earth/4bec_proceedings_web.pdf

Hiiglaste õlgadelt näeb kaugemale

Soomere, Tarmo Postimees 2023 / Lk. 8 <https://dea.digar.ee/article/postimees/2023/02/04/9.4>

Hot-spots of large wave energy resources in relatively sheltered sections of the Baltic Sea coast

Kovaleva, Olga; Eelsalu, Maris; Soomere, Tarmo Renewable and sustainable energy reviews 2017 / p. 424-437 : ill
<https://doi.org/10.1016/j.rser.2017.02.033> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

How do simple wave models perform compared with sophisticated models and measurements in the eastern Baltic Sea?

Männikus, Rain; Soomere, Tarmo; Suursaar, Ülo EGU General Assembly 2023, Vienna, Austria, 24-28 Apr 2023 2023 / EGU23-1657 <https://doi.org/10.5194/egusphere-egu23-1657> <https://meetingorganizer.copernicus.org/EGU23/EGU23-1657.html>

How do simple wave models perform compared with sophisticated models and measurements in the Gulf of Finland?

Männikus, Rain; Soomere, Tarmo; Suursaar, Ülo Estonian journal of earth sciences 2024 / p. 98-111
<https://doi.org/10.3176/earth.2024.10>

Human impacts and their interactions in the Baltic Sea region

Reckermann, Marcus; Omstedt, Anders; **Soomere, Tarmo;** Aigars, Juris; Akhtar, Naveed; Beldowska, Magdalena; Beldowski, Jacek; Cronin, Tom; Czub, Michal; **Eero, Margit; Parnell, Kevin Ellis; Poska, Anneli** 4th Baltic Earth Conference Assessing the Baltic Sea Earth System : Jastarnia, Hel Peninsula, Poland, 30 May to 3 June 2022 : Conference Proceedings 2022 / p. 140-141
https://baltic.earth/imperia/md/assets/baltic_earth/baltic_earth/baltic_earth/4bec_proceedings_web.pdf

Human impacts and their interactions in the Baltic Sea region

Reckermann, Marcus; Omstedt, Anders; **Soomere, Tarmo;** Aigars, Juris; **Parnell, Kevin Ellis;** Pons-Seres de Brauer, Cristian; **Poska, Anneli** Earth System Dynamics 2022 / p. 1-80 <https://doi.org/10.5194/esd-13-1-2022> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Identification of a kernel in an evolutionary integral equation occurring in subdiffusion

Janno, Jaan; Kasemets, Kairi Journal of inverse and ill-posed problems 2017 / p. 777-798 <https://doi.org/10.1515/jiip-2016-0082> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Identification of excitons and biexcitons in Sb2Se3 under high photoluminescence excitation density

Krustok, Jüri; Kondrotas, Rokas; Nedzinskas, Ramunas; **Timmo, Kristi; Kaupmees, Reelika; Mikli, Valdek; Grossberg, Maarja** Advanced optical materials 2021 / 8 p. : ill <https://doi.org/10.1002/adom.202100107> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Identification of mechanisms that drive water level extremes from in situ measurements in the Gulf of Riga during 1961-2017

Männikus, Rain; Soomere, Tarmo; Kudryavtseva, Nadezhda Continental shelf research 2019 / p. 22–36

<https://doi.org/10.1016/j.csr.2019.05.014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Il paneel. Teadus õppimise sisusse panustajana

Saari, Peeter; Tamm, Marek; **Tõugu, Enn**; Undusk, Jaan; **Soomere, Tarmo** Haridus - meie ühine vastutus : Eesti Haridusfoorum 2018-2020 : ettekannete ja artiklite kogumik 2020 / lk. 44-50 : fot https://www.ester.ee/record=b5397258*est

Ilmar Kleisi uuringutest

Kutser, Mati Vaateid mehaanikale Eestis : 1918-2018 2019 / lk. 120-121 https://www.ester.ee/record=b5190016*est

Ilmar Koppel 16.01.1940-08.01.2020 : in memoriam

Soomere, Tarmo; Lust, Enn Universitas Tartuensis : UT : Tartu Ülikooli ajakiri 2020 / lk. 44-45 : portr

https://www.ester.ee/record=b2459950*est

Impact of changes in sea ice cover on the wave climate of semi-enclosed, seasonally ice-covered water bodies at temperate latitudes: a case study in the Gulf of Riga

Najafzadeh, Fatemeh; Soomere, Tarmo Estonian journal of earth sciences 2024 / p. 26-36 <https://doi.org/10.3176/earth.2024.03>

Impact of COVID-19 pandemic on energy demand in Estonia

Belikov, Juri; Kalda, Jaan IEEE Power & Energy Society General Meeting (PESGM) 2022 / 5 l.

<https://doi.org/10.1109/PESGM48719.2022.9916825>

Impedance cardiography signal processing with Savitzky-Golay and frequency sampling kernels

Märtens, Olev; Metshein, Margus; Tamberg, Gert; Abdullayev, Anar 2022 18th Biennial Baltic Electronics Conference (BEC)

2022 / 5 l. <https://doi.org/10.1109/BEC56180.2022.9935597>

Improved interpolation kernels for super resolution algorithms

Rasti, Pejman; **Orlova, Olga; Tamberg, Gert**; Ozcinar, Cagri 2016 Sixth International Conference on Image Processing Theory,

Tools and Applications : IPTA 2016, Oulu, Finland, December 2016 2017 / [6] p. : ill <https://doi.org/10.1109/IPTA.2016.7820980>

In memoriam : akadeemik Enn Tõugu : 20.05.1935-30.03.2020

Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2020 2021 / lk. 99-100 :

portr https://www.ester.ee/record=b1218094*est

In memoriam : akadeemik Valdek Kulbach : 6.04.1927-31.01.2020 : [Tarmo Soomere järelehüüe Kaarli kirikus 10. veebruaril 2020]

Soomere, Tarmo Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2020

2021 / lk. 97-98 : portr https://www.ester.ee/record=b1218094*est

In memoriam : akdeemik Mihhail Bronštein : 23.01.1923 Peterburi - 09.04.2022 Genf : [Tarmo Soomere kõne akadeemik Bronšteini ärasaatmisel teaduste akadeemia peegelsaalist 13.04.2022]

Soomere, Tarmo Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2022

2023 https://www.ester.ee/record=b1218094*est

In memoriam Anto Raukas [Võrguväljaanne]

Soomere, Tarmo postimees.ee 2021 ["In memoriam Anto Raukas"](#)

In search for management options of shores of the City of Tallinn, Estonia

Eelsalu, Maris; Männikus, Rain; Pindsoo, Katri; Soomere, Tarmo 7th IEEE/OES Baltic Symposium Clean and Safe Baltic Sea and Energy Security for the Baltic countries : abstract book : 12–15 June 2018 Klaipėda, Lithuania 2018 / p. 27

http://balticvalley.lt/baltic2018/wp-content/uploads/2018/06/abstract-book_7th_Baltic-Symposium_20180528.pdf

In search for suitable parameters quantifying the contribution of water level variations into coastal vulnerability index of microtidal seas

Soomere, Tarmo; Barzehkar, Mojtaba; Parnell, Kevin Ellis New challenges for Baltic Sea Earth System research : conference

proceedings 2024 / p. 116-117 https://baltic.earth/imperia/md/assets/baltic_earth/baltic_earth/baltic_earth/5bec_proceedings.pdf

In situ electric-field control of THz nonreciprocal directional dichroism in the multiferroic Ba2CoGe2O7

Vit, J.; Viirok, Johan; **Peedu, Laur**; Rõõm, Toomas; Nagel, Urmas; Kocsis, V.; Tokunaga, Y.; Taguchi, Y.; Tokura, Y.; Kezsmarki, I.; Balla, P.; Penc, K.; Romhányi, J.; Bordacs, S. Physical review letters 2021 / art. 157201, 6 p. : ill

<https://doi.org/10.1103/PhysRevLett.127.157201>

Incorporating a machine learning approach as an established decision support system for coastal vulnerability in the

Eastern Baltic Sea

Barzehkar, Mojtaba; Parnell, Kevin Ellis; Soomere, Tarmo Journal of coastal research 2024 / p. 58-62 <https://doi.org/10.2112/JCR-SI113-012.1>

Index based multi-criteria approach to coastal risk assesment

Bagdanavičiute, Ingrida; Kelpšaitė-Rimkienė, Loreta; Galinien, Jelena; Soomere, Tarmo Journal of Coastal Conservation 2019 / p. 785–800 : ill <https://doi.org/10.1007/s11852-018-0638-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Influence of alkali iodide fluxes on Cu₂ZnSnS₄ monograin powder properties and performance of solar cells

Timmo, Kristi; Pilvet, Maris; Muska, Katri; Altosaar, Mare; Mikli, Valdek; Kaupmees, Reelika; Josepson, Raavo; Krustok, Jüri; Grossberg-Kuusk, Maarja; Kauk-Kuusik, Marit Materials advances 2023 / p. 4509-4519 : ill <https://doi.org/10.1039/D3MA00444A> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Influence of Cu₂S, SnS and Cu₂ZnSnSe₄ on optical properties of Cu₂ZnSnS₄

Mamedov, D.; Klopov, Mihhail; Karazhanov, S. Zh. Materials letters 2017 / p. 70-72 : ill <https://doi.org/10.1016/j.matlet.2017.05.069> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The influence of fibre orientation in self-compacting concrete on 4-point bending strength

Herrmann, Heiko; Goidyk, Oksana; Naar, Hendrik; Tuisk, Tanel; Braunbrück, Andres Proceedings of the Estonian Academy of Sciences 2019 / p. 337-346 : ill http://www.kirj.ee/32397/?tpl=1061&c_tpl=1064 <https://doi.org/10.3176/proc.2019.3.12> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Influence of microstructure on thermoelastic wave propagation

Berezovski, Arkadi; Ván, Peter Internal variables in thermoelasticity 2017 / p. 163-172 https://doi.org/10.1007/978-3-319-56934-5_12 [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Influence of nonlinearity

Berezovski, Arkadi; Ván, Peter Internal variables in thermoelasticity 2017 / p. 113-120 https://doi.org/10.1007/978-3-319-56934-5_8 [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Influence of rapidly time-varying boundary conditions on the control of two-dimensional elastic pulses in laminates

Berezovski, Arkadi; Berezovski, Mihhail Mathematics and mechanics of complex systems 2023 / p. 335-348 <https://doi.org/10.2140/memocs.2023.11.335> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Influence of the copper content on the optical properties of CZTSe thin films

Yakushev, M. V.; Sulimov, M. A.; Marquez-Prieto, J.; Forbes, I.; Krustok, Jüri Solar energy materials and solar cells 2017 / p. 69-77 : ill <https://doi.org/10.1016/j.solmat.2017.04.022> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Influence of the fiber orientations on the fracture of fiber concrete

Herrmann, Heiko; Braunbrück, Andres; Marjapuu, Rasmus-Richard; Tuisk, Tanel M2D2017 : proceedings of the 7th International Conference on Mechanics and Materials in Design : (Albufeira/Portugal, 11-15 June 2017) 2017 / p. 631-632 : ill https://paginas.fe.up.pt/~m2d/Proceedings_M2D2017/data/papers/Book.pdf

Influence of the flow of fresh fiber concrete on the fiber orientations = Vedela kiudbetooni voolamise mõju kiudude orientatsioonile

Goidyk, Oksana 2025 https://www.ester.ee/record=b5735473*est <https://digikogu.taltech.ee/et/Item/4386e968-45ab-475a-940d-05f08b0c5268> <https://doi.org/10.23658/taltech.12/2025>

Influence of the flow of self-compacting steel fiber reinforced concrete on the fiber orientations, a report on work in progress

Herrmann, Heiko; Goidyk, Oksana; Braunbrück, Andres Short fibre reinforced cementitious composites and ceramics 2019 / p. 97-110 https://doi.org/10.1007/978-3-030-00868-0_7 [Article collection metrics at Scopus](#) [Article at Scopus](#)

Influence of wind and waves on Lagrangian transport using a synergy of satellite and in-situ surface drifters for Baltic Sea

Delpeche-Ellmann, Nicole Camille; Giudici, Andrea; Soomere, Tarmo; Ellmann, Artu XXVIII General Assembly of the International Union of Geodesy and Geophysics (IUGG) 2023 <https://doi.org/10.57757/IUGG23-3642>

Influencing factors of moisture measurement when using microwave reflection method

Kurik, Lembit; Kalamees, Targo; Kallavus, Urve; Sinivee, Veljo Energy procedia 2017 / p. 159-164 : ill <https://doi.org/10.1016/j.egypro.2017.09.675> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Inimene piiril eri teadusvaldkondade vaates

Soomere, Tarmo Sirp 2021 / lk. 26-27 : fot <https://sirp.ee/s1-artiklid/c21-teadus/inimene-piiril-eri-teadusvaldkondade-vaates/>

Inimene piiril eri teadusvaldkondade vaates : [avakõne Eesti kultuuri koja aastakonverentsil 19.11.2021 teaduste akadeemia peegelsaalis]

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 25-33 <https://sirp.ee/s1-artiklid/c21-teadus/inimene-piiril-eri-teadusvaldkondade-vaates/> https://www.ester.ee/record=b5521198*est

Inimliku teaduskommunikatsiooni võimalikkusest

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 161-165 https://www.ester.ee/record=b5521198*est <http://www.sirp.ee/s1-artiklid/c21-teadus/inimliku-teaduskommunikatsiooni-voimalikkusest/>

Inimliku teaduskommunikatsiooni võimalikkusest

Soomere, Tarmo Sirp 2017 / lk. 31 : fot <http://www.sirp.ee/s1-artiklid/c21-teadus/inimliku-teaduskommunikatsiooni-voimalikkusest/>

An Initial report on the effect of the fiber orientation on the fracture behavior of steel fiber reinforced self-compacting concrete

Herrmann, Heiko; Braunbrück, Andres; Tuisk, Tanel; Goidyk, Oksana; Naar, Hendrik Short fibre reinforced cementitious composites and ceramics 2019 / p. 33-50 https://doi.org/10.1007/978-3-030-00868-0_3 [Article collection metrics at Scopus](#) [Article at Scopus](#)

Initial results of local strength analysis of a fiber concrete plate by 4-point bending tests

Goidyk, Oksana; Herrmann, Heiko 13th International Conference : Modern Building Materials, Structures and Techniques, May 16–17, 2019, Lithuania 2019 / p. 306-310 : ill <https://doi.org/10.3846/mbmst.2019.116>

Insights into the string-barrier interaction dynamics based on high-speed camera measurements

Kartofelev, Dmitri; Arro, Joann Gustav; Välimäki, Vesa SMC 2020 : Proceedings of the 17th Sound and Music Computing Conference, Torino, Italy, June 24th - 26th 2020 2020 / p. 169-176 <https://smc2020torino.it/adminupload/file/SMC2020Proceedings.pdf>

Instead of introduction

Berezovski, Arkadi; Ván, Peter Internal variables in thermoelasticity 2017 / p. 1-18 https://doi.org/10.1007/978-3-319-56934-5_1 [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

An integrated decision support system for offshore wind farm site selection in the Baltic Sea

Barzehkar, Mojtaba; Koivisto, Matti J.; Parnell, Kevin Ellis; Soomere, Tarmo 18th EAWC PhD Seminar, 2-4 November 2022, Bruges, Belgium : book of proceedings 2022 / p. 394-400 <https://phd2022.eawc.eu/program/book-of-abstracts/>

An integrated decision support system for the resilience assessment of eastern Baltic Sea coasts

Barzehkar, Mojtaba; Parnell, Kevin Ellis; Soomere, Tarmo CoastGIS 2021 : Sustainable Coastal Management in a Changing World : conference proceedings 2021 / p. 12 <https://www.novia.fi/assets/Projectsites/CoastGIS/CoastGIS-2021-Book-of-Abstracts.pdf>

Intelligentsus kui ruumivajaduse mõõt

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 310-315 https://www.ester.ee/record=b5521198*est <https://www.sirp.ee/s1-artiklid/c21-teadus/intelligentsus-kui-ruumivajaduse-moot/>

Intelligentsus kui ruumivajaduse mõõt

Soomere, Tarmo Sirp 2019 / lk. 26-27 : fot <https://www.sirp.ee/s1-artiklid/c21-teadus/intelligentsus-kui-ruumivajaduse-moot/> https://www.ester.ee/record=b1072938*est

Interaction of deformation waves with internal structures in solids

Engelbrecht, Jüri; Berezovski, Arkadi; Peets, Tanel; Tamm, Kert Contributions to the Foundations of Multidisciplinary Research in Mechanics : papers presented during the 24th International Congress of Theoretical and Applied Mechanics ICTAM 2016, Montreal, August 22-26, 2016. Vol. 3 2017 / p. 2236-2237 : ill http://iutam.org/wp-content/uploads/2017/02/ICTAM_Proceedings_Vol_3.pdf

Interannual coastal processes in Estonia, Peraküla beach monitored by laser scanning technology [Online resource]

Eelsalu, Maris; Pindsoo, Katri; Soomere, Tarmo; Julge, Kalev 2nd Baltic Earth Conference The Baltic Sea in Transition : Helsingør, Denmark, 11 to 15 June 2018 : conference proceedings 2018 / p. 115-116 : ill https://www.baltic-earth.eu/publications/IBESPublications/No_13_Helsingor_Proceedings/2ndBalticEarthConferenceProceedings_IBESP_No13_web.pdf

Internal variables and microinertia

Berezovski, Arkadi; Ván, Peter Internal variables in thermoelasticity 2017 / p. 75-84 https://doi.org/10.1007/978-3-319-56934-5_5 [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Internal variables as a tool for extending Navier-Stokes equations

Berezovski, Arkadi Journal of non-equilibrium thermodynamics 2022 / p. 1-14 <https://doi.org/10.1515/jnet-2021-0089> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Internal variables associated with microstructures in solids

Berezovski, Arkadi Mechanics research communications 2018 / p. 30-34 <https://doi.org/10.1016/j.mechrescom.2017.07.011> [Journal](#)

[metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Internal variables in thermoelasticity

Berezovski, Arkadi; Van, Peter 2017 <https://doi.org/10.1007/978-3-319-56934-5>

Internal variables representation of generalized heat equations

Berezovski, Arkadi Continuum mechanics and thermodynamics 2019 / p. 1733–1741 <https://doi.org/10.1007/s00161-018-0729-4>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Internal variables used for describing the signal propagation in axons

Engelbrecht, Jüri; Tamm, Kert; Peets, Tanel Continuum mechanics and thermodynamics 2020 / p. 1619-1627
<https://doi.org/10.1007/s00161-020-00868-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Intervjuu : Andrea Giudici

Giudici, Andrea Teadus kolme minutiga : 2017-2019 2019 / lk. 44-49 : ill https://www.ester.ee/record=b5245642*est [Läänemere lainete uurimine selgitab, kuidas tekivad ookeanis prügisaaired](#)

Intracellular compartmentalization shapes energy transfer – differences betweenadenylate kinase activities in homogenate and permeabilized cardiomyocytes : [manuscript]

Branovets, Jelena; Vendelin, Marko; Birkedal Nielsen, Rikke 2022

Intriguing interannual variations of sediment transport in the Gulf of Riga

Soomere, Tarmo; Jankowski, Mikolaj Zbigniew; Parnell, Kevin Ellis New challenges for Baltic Sea Earth System research : conference proceedings 2024 / p. 71-72 https://baltic.earth/imperia/md/assets/baltic_earth/baltic_earth/baltic_earth/5bec_proceedings.pdf

Intrinsic conditions for extended observer forms for nonlinear systems

Simha, Ashutosh; Respondek, Witold; **Kaldmäe, Arvo; Kaparin, Vadim; Kotta, Ülle** 2018 IEEE Conference on Decision and Control (CDC), 17-19 Dec. 2018, 17-19 Dec. 2018 : proceedings 2018 / p. 1373-1378 <https://doi.org/10.1109/CDC.2018.8619122>
[Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Introduction

Berezovski, Arkadi; Ván, Peter Internal variables in thermoelasticity 2017 / p. 21-33 https://doi.org/10.1007/978-3-319-56934-5_2
[Article collection metrics at Scopus](#) [Article at Scopus](#)

An inverse problem for a generalized fractional derivative with an application in reconstruction of time- and space-dependent sources in fractional diffusion and wave equations

Kinash, Nataliia; Janno, Jaan Mathematics 2019 / art. 1138, p. 1-16 <https://doi.org/10.3390/math7121138> [Journal metrics at Scopus](#)
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Inverse problem to determine an order of derivative and a source term in a time fractional diffusion equation from final measurements

Janno, Jaan; Kinash, Nataliia Mathematical Modelling and Analysis : 23rd international conference, May 29 - June 1, 2018, Sigulda, Latvia : abstracts 2018 / p. 30

Inverse problem to determine two time-dependent source factors of fractional diffusion-wave equations from final data and simultaneous reconstruction of location and time history of a point source

Janno, Jaan Mathematics 2023 / art. 456, 17 p <https://doi.org/10.3390/math11020456> [Journal metrics at Scopus](#) [Article at Scopus](#)
[Journal metrics at WOS](#) [Article at WOS](#)

Inverse problem to identify a space-dependent diffusivity coefficient in a generalized subdiffusion equation from final data

Janno, Jaan; Kasemets, Kairi; Kinash, Nataliia Proceedings of the Estonian Academy of Sciences 2022 / p. 3-15
<https://doi.org/10.3176/proc.2022.1.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Inverse problems for a generalized fractional diffusion equation with unknown history

Janno, Jaan Inverse problems 2024 / art. 125015 <https://doi.org/10.1088/1361-6420/ad92a3>

Inverse problems for a generalized subdiffusion equation with final overdetermination

Kinash, Nataliia; Janno, Jaan Mathematical modelling and analysis 2019 / p. 236–262 <https://doi.org/10.3846/mma.2019.016> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Inverse problems for a perturbed time fractional diffusion equation with final overdetermination

Kinash, Nataliia; Janno, Jaan Mathematical methods in the applied sciences 2018 / p. 1925-1943 : ill
<https://doi.org/10.1002/mma.4719> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Inverse problems for a subdiffusion equation with final overdetermination

Kinash, Nataliia; Janno, Jaan Mathematical Modelling and Analysis : 23rd international conference, May 29 - June 1, 2018, Sigulda, Latvia : abstracts 2018 / p. 34

Inverse problems for generalized subdiffusion equations = Pöördülesanded üldistatud subdifusioonivõrranditele

Kinash, Nataliia 2020 <https://digikogu.taltech.ee/et/Item/a3776907-fc6f-42e1-9d7c-5a0e6ae314f6>

Inverse problems with unknown boundary conditions and final overdetermination for time fractional diffusion-wave equations in cylindrical domains

Janno, Jaan Mathematics 2021 / art. 2541, 22 p <https://doi.org/10.3390/math9202541> [Journal metrics at Scopus](#) [Article at Scopus](#)
[Journal metrics at WOS](#) [Article at WOS](#)

Inverse scattering of acoustic and electromagnetic waves from flat screens and properties of integral transforms on a half axis = Akustiliste ja elektromagnetlainete pöördhajumine lameekraanilt ja integraalteisenduste omadused poolteljel

Sadique, Sadia 2024 <https://digikogu.taltech.ee/et/Item/28570bed-3e57-4a39-8e28-88f6ce126620> https://www.ester.ee/record=b5672013*est
<https://doi.org/10.23658/taltech.12/2024>

Inverse source problem with a posteriori boundary measurement for fractional diffusion equations

Janno, Jaan; Kian, Yavar Mathematical methods in the applied sciences 2023 / p. 15868-15882 <https://doi.org/10.1002/mma.9432>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Inverse source problem with a posteriori boundary measurement for fractional diffusion equations

Janno, Jaan; Kian, Yavar arXiv.org 2022 / 17 p <https://doi.org/10.48550/arXiv.2207.06468>

Investeeringute matemaatika alused

Aasma, Ants; Kurvits, Jüri; Zeltser, Maria 2020 https://www.ester.ee/record=b5298755*est

Investigation of surface currents near Cape Kolka in the Gulf of Riga by use of surface drifters

Torsvik, Tomas; Viikmäe, Bert 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 153 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

IOCBIO Kinetics : an open-source software solution for analysis of data traces

Vendelin, Marko; Laasmaa, Martin; Kalda, Mari; Branovets, Jelena; Karro, Niina; Barsunova, Karina; Birkedal Nielsen, Rikke PLoS computational biology 2020 / art. e1008475 <https://doi.org/10.1371/journal.pcbi.1008475> [Journal metrics at Scopus](#) [Article at Scopus](#)
[Journal metrics at WOS](#) [Article at WOS](#)

IOCBIO Sparks detection and analysis software

Laasmaa, Martin; Karro, Niina; Birkedal Nielsen, Rikke; Vendelin, Marko PeerJ 2019 / art. e6652, 28 p. : ill
<https://doi.org/10.7717/peerj.6652> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

IOCBIO Sparks detection and analysis software

Laasmaa, Martin; Karro, Niina; Birkedal Nielsen, Rikke; Vendelin, Marko Biophysical journal 2019 / art. 1900-Pos ; p. 384a
<https://doi.org/10.1016/j.bpj.2018.11.2080>

Irene Tiivel : 18. III 1924 - 1. X 2017

Engelbrecht, Jüri Sirp 2017 / lk. 37

An iterative approach for near-coast Marine Geoid Modelling and sea level analysis using satellite altimetry, in-situ and modeled data

Delpeche-Ellmann, Nicole Camille; Ellmann, Artu IUGG 2019 : abstract book 2019 / [1] p., abstract: JG06 p-107
<http://iugg2019montreal.com/abstract-book.html>

Jaan Kalda: Maarjamaalt Muhusse

Kalda, Jaan postimees.ee 2023 [Jaan Kalda: Maarjamaalt Muhusse](#)

Jaan Kalda: Nobeli füüsikapreemia mustade aukude maaletoojaile

Kalda, Jaan forte.delfi.ee 2020 [Jaan Kalda: Nobeli füüsikapreemia mustade aukude maaletoojaile](#)

Jaan Kalda: perspektiiv ja projektsioon [Võrguväljaanne]

Kalda, Jaan postimees.ee 2022 [Jaan Kalda: perspektiiv ja projektsioon](#)

Joint impact of currents and winds on the patch formation near the coasts of the Gulf of Finland

Giudici, Andrea; Kalda, Jaan; Soomere, Tarmo Journal of coastal research Proceedings of the 15th International Coastal Symposium, Haeundae, Busan, 13-18 May 2018 2018 / p. 1156 - 1160 <https://doi.org/10.2112/SI85-232.1>
<https://www.icronline.org/doi/abs/10.2112/SI85-232.1> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at](#)

[WOS Article at WOS](#)

Joint impact of currents and winds on the patch formation near the coasts of the Gulf of Finland

Giudici, Andrea; Kalda, Jaan; Soomere, Tarmo The 15th International Coastal Symposium 2018 Haeundae, Busan, Republic of Korea 13th – 18th May 2018 : book of abstracts 2018 / p. 104

Journal of Coastal Conservation special issue "Coast and society" : guest editorial

Harff, Jan; **Soomere, Tarmo**; Zhang, Hua Journal of Coastal Conservation 2019 / p. 713-716 : ill <https://doi.org/10.1007/s11852-019-00705-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A Journey into the Nonlinear World : [a book]

Engelbrecht, Jüri 2024 <https://doi.org/10.1007/978-3-031-63922-7> https://www.ester.ee/record=b5733742*est

Juhuslikud jalutuskäigud teadusmetsas

Engelbrecht, Jüri 2021 https://www.ester.ee/record=b5458041*est

Juubelihõngulisel füüsikaolümpiaadil hiilgasid nooremad võistlejad

goodnews.ee 2023 [Juubelihõngulisel füüsikaolümpiaadil hiilgasid nooremad võistlejad](#)

Järjepidevuse ja muutlikkuse tasakaal

Soomere, Tarmo Sirp 2018 / lk. 38 : fot <http://www.sirp.ee/s1-artiklid/c21-teadus/jarjepidevuse-ja-muutlikkuse-tasakaal/>
<https://dea.digar.ee/article/sirp/2018/05/11/15.3>

Jätksuutlikud teadlaskarjääri kontseptsioonid ja mudelid Eesti kontekstis [Võrguteavik] : lõpparuanne

Soomere, Tarmo; Niinemets, Ülo; Niglas, Katrin; Pilt, Ebe; Roosalu, Triin; **Randma-Liiv, Tiina** 2018

https://www.ester.ee/record=b5208206*est

Jääaeg võib tagasi tulla

Soomere, Tarmo Postimees 2021 / Lk. 13 <https://dea.digar.ee/article/postimees/2021/06/11/11.5>

Jüri Engelbrecht: from hardcore science to great leadership

Kutser, Mati; **Soomere, Tarmo** Applied wave mathematics II : selected topics in solids, fluids, and mathematical methods and complexity 2019 / p. XIII-XVII <https://doi.org/10.1007/978-3-030-29951-4> https://www.ester.ee/record=b5303400*est

Jüri Engelbrecht: Loodus ja füüsika

Engelbrecht, Jüri Täheenduse Teejuhid 2021 / Lk. 9 <https://teejuhid.postimees.ee/7230631/juri-engelbrecht-loodus-ja-fuusika>

Jüri Engelbrecht: teadmistest globaalses maailmas

Engelbrecht, Jüri Trialoog 2025 <https://trialoog.taltech.ee/juri-engelbrecht-teadmistest-globaalses-maailmas/>

Jüri Engelbrecht: ühiskondade arengust pikemas perspektiivis

Engelbrecht, Jüri Postimees 2020 / Lk. 5 : portr <https://leht.postimees.ee/6977678/juri-engelbrecht-uhiskondade-arengust-pikemas-perspektiivis> https://www.ester.ee/record=b1072778*est

Kaasaagne mikroskoopia paljastab südame soopõhised struktuurierisused

Vendelin, Marko; Laasmaa, Martin novaator.err.ee 2024 [Kaasaagne mikroskoopia paljastab südame soopõhised struktuurierisused](#)

Kadunud põlvkonna kuld

Soomere, Tarmo Postimees 2018 / lk. 16 [Tarmo Soomere: kadunud põlvkonna peidetud kuld](#)

Kadunud põlvkonna peidetud kuld

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 226-230 https://www.ester.ee/record=b5521198*est [Tarmo Soomere: kadunud põlvkonna peidetud kuld](#)

Kaikaid ülemaailmse teaduskoostöö kodarates

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 57-59 https://www.ester.ee/record=b5521198*est
<https://dea.digar.ee/article/eestipaevaleht/2021/06/08/5.4>

200 Eesti füüsikaolümpiaadi ülesannet aastatest 2012-2018 koos vihjete ja lahendustega

Kalda, Jaan; Kalmus, Jonatan; Ainsaar, Siim; Heidelberg, Mihkel 2018 https://www.ester.ee/record=b5166456*est
<https://digi.lib.ttu.ee/i/?11274>

Kallase asendamatus on julgeolekurisk

Samoson, Ago Postimees 2023 / Lk. 12 <https://dea.digar.ee/article/postimees/2023/12/28/9.5>

Kaosest korra otsija ülestähendused

Kändler, Tiit; Engelbrecht, Jüri Postimees 2017 / lk. 15 <https://kultuur.postimees.ee/4184487/kaosest-korra-otsija-ulestahendused>

Kaosest usaldusväärse prognoosini

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 67-69 https://www.ester.ee/record=b5521198*est

Karl Siilivask : 20.01.1927-18.11.2017 : in memoriam

Soomere, Tarmo Universitas Tartuensis : UT : Tartu Ülikooli ajakiri 2018 / lk. 44-45 : portr http://www.ester.ee/record=b2459950*est

Kas avaldada kliimamuutuse vastu meelt või tegutseda?

Tõugu, Enn Eesti Päevaleht 2019 / lk. 3

Kas Eesti vajab tuumajaama?

Kalda, Jaan Trialoog 2024 [Kas Eesti vajab tuumajaama?](#)

Kas ja kuidas töötab teadus majanduse mootorina?

Soomere, Tarmo Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2016 2017 / lk. 77-80 : portr http://www.ester.ee/record=b1218094*est

Kas kliima soojenemine toob meile jääaja?

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 95-98 https://www.ester.ee/record=b5521198*est
<https://dea.digar.ee/article/postimees/2021/06/11/11.5>

Kas leiduks küünalt, mis levitaks pimedust?

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 302-306 https://www.ester.ee/record=b5521198*est
<https://dea.digar.ee/cgi-bin/dea?a=d&d=keskus20190310.2.8.1>

Kas leiduks küünalt, mis levitaks pimedust?

Soomere, Tarmo KesKus 2019 / lk. 6-7 <https://dea.digar.ee/cgi-bin/dea?a=d&d=keskus20190310.2.8.1>

Kas oleme juba suure pahandusega hakkama saanud?

Tõugu, Enn Postimees 2019 / AK, lk. 7 [Enn Tõugu: kas oleme juba suure pahandusega hakkama saanud?](#)

Kastepunkti teadmine aitab hoida tervist ja võtta paremat leili

Oidermaa, Jaan-Juhan novaator.err.ee 2024 [Kastepunkti teadmine aitab hoida tervist ja võtta paremat leili](#)

Katseliselt leitud parimad viisid maailma muutmiseks

Soomere, Tarmo Postimees 2024 / lk. 6 <https://dea.digar.ee/article/postimees/2024/12/21/8.3>

Kavalam on kogu elektriiaamale rattad alla panna

Samoson, Ago postimees.ee 2024 [Kavalam on kogu elektriiaamale rattad alla panna](#)

Keelte suhestumine kui Koljati ja Taaveti dialoog

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 54-56 https://www.ester.ee/record=b5521198*est

Kes peab saunas kauem vastu, kas kaalukam või kõhnem?

Kalda, Jaan postimees.ee 2023 [Kes peab saunas kauem vastu, kas kaalukam või kõhnem?](#)

Kesterite monograins for solar cells and water splitting applications

Oueslati, Souhaib; Pilvet, Maris; Grossberg, Maarja; Kauk-Kuusik, Marit; Krustok, Jüri; Meissner, Dieter Thin solid films 2021 / art. 138981 <https://doi.org/10.1016/j.tsf.2021.138981> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Kinematic parameters of internal waves of the second mode in the South China Sea

Kurkina, Oxana; Talipova, Tatyana; Soomere, Tarmo; Giniyatullin, Ayrat; Kurkin, Andrey Nonlinear processes in geophysics 2017 / p. 645-660 : ill <https://doi.org/10.5194/npg-24-645-2017> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Kinematics of ideal string vibration against a rigid obstacle

Kartofelev, Dmitri Proceedings of the 20th International Conference on Digital Audio Effects : 5-9 September 2017, Edinburgh UK 2017 / p. DAFX-40 - DAFX-47 : ill http://www.dafx17.eca.ed.ac.uk/papers/DAFx17_Proceedings.pdf

Kiskjad teadlase rahakoti kallal ja "plaan S"

Soomere, Tarmo; Saari, Peeter Postimees 2018 / AK, lk. 6-7 [Peeter Saari ja Tarmo Soomere kolumn: kiskjad teadlase rahakoti kallal ja "plaan S"](#)

Klassikaline ja mitteparameetriline matemaatiline statistika : õpik kõrgkoolidele

Pihlak, Margus 2018 https://www.ester.ee/record=b5173618*est https://www.ester.ee/record=b5148522*est
<https://digikogu.taltech.ee/et/Item/824a2716-01f7-4199-9ecf-893bee93b920>

Kliima ja keskkond

Soomere, Tarmo Maailm 2050 : mis meid võib oodata ees? 2024 / lk. 56-89 https://www.ester.ee/record=b5707985*est

Kliimamuutus : mööduv kerge palavik või äratuskell?

Soomere, Tarmo Mente et Manu 2022 / lk. 18-19 : fot https://www.ester.ee/record=b1242496*est

Kliimamuutuste kaugel Eestit puudutamas

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 44-49 https://www.ester.ee/record=b5521198*est

Kliimamuutuste kaugel Eestit puudutamas

Soomere, Tarmo Õhtuleht 2018 / lk. 12-13

Kliimamuutuste keerukas muster võimendab ebavõrdsust

Soomere, Tarmo Õpetajate Leht 2020 / Lk. 5 : portr <https://opleht.ee/2020/02/kliimamuutuste-keerukas-muster-voimendab-ebavordsust/>
Tarmo Soomere: kliimamuutuste keerukas muster võimendab ebavõrdsust (err.ee 22.02.2020) https://www.ester.ee/record=b1072753*est

Klimatoloog nädalavahetuse tormist: seekord Tiskrel lihtsalt vedas

Niibo, Indrek novaator.err.ee 2023 [Klimatoloog nädalavahetuse tormist: seekord Tiskrel lihtsalt vedas](https://novaator.err.ee/2023/02/22/klimatoloog-nadalavahetuse-tormist-seekord-tiskrel-lihtsalt-vedas)

Knowledge generation and interdisciplinarity

Engelbrecht, Jüri; Kitt, Robert Catalytic strategies for conscious social transformation : leadership in thought 2023 / p. 390-404
https://www.ester.ee/record=b5746646*est

Kogumik Eesti Vabariigi [p]reemiad 2020

Soomere, Tarmo Eesti Teaduste Akadeemia sõnas ja pildis 2020 2021 / lk. 123 : ill

Koht, mis ei saa valida algust, kuid võib muuta lõppu

Soomere, Tarmo Sirp 2021 / lk. 23 <https://www.sirp.ee/s1-artiklid/c21-teadus/koht-mis-ei-saa-valida-algust-kuid-voib-muuta-loppu/>

Kolm lahendust, kuidas maski kandes prillid uduseks ei lähe [Võrguväljaanne]

Kalda, Jaan kasulik.delfi.ee/ 2020 / fot [Kolm lahendust, kuidas maski kandes prillid uduseks ei lähe](https://kasulik.delfi.ee/2020/02/20/kolm-lahendust-kuidas-maski-kandes-prillid-uduseks-ei-lahe-vorguväljaanne/)

Kolm muinaslugu füüsikas

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 359-367 : ill https://www.ester.ee/record=b5521198*est

Kolm printsi Serendipist

Engelbrecht, Jüri Akadeemia 2018 / lk. 771-782 http://www.ester.ee/record=b1071914*est

Kolm x seitseteist minutit uut normaalsust

Soomere, Tarmo Sirp 2017 / lk. 29-30 : fot <http://www.sirp.ee/s1-artiklid/c21-teadus/kolm-x-seitseteist-minutit-uut-normaalsust/>

Kolm x seitseteist minutit uut normaalsust

Soomere, Tarmo Teadus kolme minutiga : 2017-2019 2019 / lk. 232-239 : fot https://www.ester.ee/record=b5245642*est
<http://www.sirp.ee/s1-artiklid/c21-teadus/kolm-x-seitseteist-minutit-uut-normaalsust/>

Kolme minuti loengute finaalgala osaleb 15 noorteadlast

postimees.ee 2023 [Kolme minuti loengute finaalgala osaleb 15 noorteadlast](https://postimees.ee/2023/02/22/kolme-minuti-loengute-finaalgala-osaleb-15-noorteadlast)

Kolme minuti pikkune igavik

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 170-174 https://www.ester.ee/record=b5521198*est
https://www.ester.ee/record=b5245642*est <https://sirp.ee/s1-artiklid/c21-teadus/kolme-minuti-pikkune-igavik/> märksõna teadus

Kolme minuti pikkune igavik

Soomere, Tarmo Sirp 2019 / lk. 36-37 : ill https://www.ester.ee/record=b1072938*est <https://sirp.ee/s1-artiklid/c21-teadus/kolme-minuti-pikkune-igavik/>

Kolme minuti pikkune igavik : sissejuhatus

Soomere, Tarmo Teadus kolme minutiga : 2017-2019 2019 / lk. 9-13 https://www.ester.ee/record=b5245642*est

33 kõnet Paides. Tarmo Soomere: Hea nõu rollist tulevikus

Soomere, Tarmo Eesti Teaduste Akadeemia sõnas ja pildis 2021 2022 / lk. 57-61 : fot https://www.ester.ee/record=b5054043*est

Kombineerides vastandeid : [teadlaskarjääri süsteemist]

Niinemets, Ülo; Randma-Liiv, Tiina; Soomere, Tarmo Sirp 2017 / lk. 4-6 : ill <http://www.sirp.ee/s1-artiklid/c21-teadus/kombineerides-vastandeid/>

[Kommentaari Eesti põhiseaduse § 38-le]

Soomere, Tarmo Põhiseadus 100 2020 / lk. 52-53 : portr https://www.ester.ee/record=b5450255*est

Komplekssüsteemid, ehk, Tervik on suurem kui osade summa

Engelbrecht, Jüri; Kitt, Robert 2020 https://www.ester.ee/record=b5387672*est

Komplekssüsteemidest filosoofiliselt

Engelbrecht, Jüri Akadeemia 2020 / lk. 2180-2197 <https://dea.digar.ee/article/AKakadeemia/2020/12/0/8>
https://www.ester.ee/record=b1071914*est

Konstruktivselt kliimamuutustest : [Teaduste akadeemia ja riigikantselei ühise kliimakonverentsi avakõne 13.09.2019]

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 217-220 https://www.ester.ee/record=b5521198*est

Koolid valmistuvad tehisaru kasutusele võtma

Kivestu-Rotella, Tuulike Õpetajate Leht 2024 / Lk. 1-3 <https://dea.digar.ee/article/opetajateleht/2024/01/23/4.1> Koolid valmistuvad tehisaru kasutusele võtma

Koorikud, lainikud ja kaos. Akadeemik Ülo Lepik 100!

Maidla, Margus Sirp 2021 / lk. 4-6 : fot <https://sirp.ee/s1-artiklid/c21-teadus/koorikud-lainikud-ja-kaos-akadeemik-ulo-lepik-100/>

Kosmos meie ümber ja meie sees

Mars, Mario Minu Maailm 2017 / lk. 20-21 : ill http://www.ester.ee/record=b3033179*est

Kosmoseaparaat sukeldus Saturni

Mars, Mario Minu Maailm 2017 / lk. 20-21 : ill http://www.ester.ee/record=b3033179*est

Kosmosekõnd ehk jalutuskäik kosmoses

Mars, Mario Minu Maailm 2017 / lk. 20-22 : fot http://www.ester.ee/record=b3033179*est

Kroonides kommunikatsiooni

Soomere, Tarmo KesKus 2020 / Lk. 6-7 <https://dea.digar.ee/article/keskus/2020/12/13/6.1>

Krooniga või koroona ehk Pärjaviirus akadeemikute hambus

Soomere, Tarmo Sirp 2021 / lk. 34-36 : ill <https://sirp.ee/s1-artiklid/c21-teadus/krooniga-voi-koroona-ehk-pargviirus-akadeemikute-hambus/>

Krooniga või koroona ehk, Pärjaviirus akadeemikute hambus

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 131-142 https://www.ester.ee/record=b5521198*est
<https://sirp.ee/s1-artiklid/c21-teadus/krooniga-voi-koroona-ehk-pargviirus-akadeemikute-hambus/>

Krooniga või kroonita, ehk, Pärjaviirus akadeemikute hambus

Soomere, Tarmo Eesti Teaduste Akadeemia sõnas ja pildis 2020 2021 / lk. 4-10 : ill <https://sirp.ee/s1-artiklid/c21-teadus/krooniga-voi-koroona-ehk-pargviirus-akadeemikute-hambus/> https://www.ester.ee/record=b5054043*est

Kui taltsutad, siis vastutad

Soomere, Tarmo KesKus 2019 / lk. 6-7 <https://dea.digar.ee/article/keskus/2019/06/10/7.2>

Kui taltsutad, siis vastutad

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 238-244 https://www.ester.ee/record=b5521198*est
<https://dea.digar.ee/article/keskus/2019/06/10/7.2>

Kuidas end veenda, et kliima soojeneb?

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 50-53 https://www.ester.ee/record=b5521198*est

Kuidas jõuda uuringutest majanduskasvuni?

Tõugu, Enn Postimees 2019 / lk. 13 [Enn Tõugu: kuidas jõuda uuringutest majanduskasvuni?](https://www.postimees.ee/2019/06/13/enn-tougu-kuidas-jouda-uuringutest-majanduskasvuni/)

Kuidas kauge ja külm Lõunaookean meie kliimat säilitab?

Soomere, Tarmo Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2016 2017 / lk. 58-60 : portr http://www.ester.ee/record=b1218094*est

Kuidas kiiresti põlevkivi kvaliteeti määrata?

toostusuudised.ee 2023 [Kuidas kiiresti põlevkivi kvaliteeti määrata?](#)

Kuidas kolme minutiga maailma muuta?

Giudici, Andrea; Dorbek-Kolin, Elisabeth; Joonas, Elise; Roots, Fideelia-Signe; Urvik, Janek; **Uuemaa, Madis**; Laas, Oliver; Laansalu, Tiina Sirp 2017 / lk. 31 : fot <http://www.sirp.ee/s1-artiklid/c21-teadus/kuidas-kolme-minutiga-maailma-muuta/>

Kuidas ma olen teadust teinud ja seda rakendanud : 2017. aasta riikliku elutööpreemia laureaat akadeemik Enn Tõugu
Tõugu, Enn Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2017 2018 / lk. 109-116

Kuidas mõjutab inimese kehakaal tema saunaskäiku?

Kalda, Jaan novaator.err.ee 2024 [Kuidas mõjutab inimese kehakaal tema saunaskäiku?](#)

„Kuidas nad on teinud ära riigieksami?“ Aukliku taseme tagamaad

Raudla, Heiki Õpetajate Leht 2025 / lk. 10-11 [„Kuidas nad on teinud ära riigieksami?“ Aukliku taseme tagamaad](#)

Kuidas noppida teaduspuu vilju?

Tõugu, Enn Postimees 2018 / AK, lk. 9 [Enn Tõugu: kuidas noppida teaduspuu vilju?](#)

Kuidas võib nimetada valimisi ühetaolisteks, kui e-häält saab muuta, paberil antud häält aga mitte?

Leetna, Henn pealinn.ee 2023 [Kuidas võib nimetada valimisi ühetaolisteks, kui e-häält saab muuta, paberil antud häält aga mitte?](#)

Kuluhüvitis on kommunismi kool

Samoson, Ago Postimees 2023

Kuskil pole kirjas, et akadeemikuks peab saama kergesti

Soomere, Tarmo Eesti Teaduste Akadeemia sõnas ja pildis 2023 2024 / lk. 44-45 : fot https://www.ester.ee/record=b5054043*est

Kust tulevad pilved ja miks on rünkpilvede alumine äär sirge?

Kalda, Jaan postimees.ee 2023 [Kust tulevad pilved ja miks on rünkpilvede alumine äär sirge?](#)

Kutse kohtamisele

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 343-348 https://www.ester.ee/record=b5521198*est
https://www.ester.ee/record=b5054043*est <https://dea.digar.ee/article/JVesttasonas/2020/05/0/6.1>

Kutsumuse ja paratamatuse segu

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 316-320 https://www.ester.ee/record=b5521198*est
<https://kultuur.postimees.ee/7297396/tarmo-soomere-arvustab-vaalade-romula-maailma-serval>

Kuu piltide fotogramm-meetriline uurimine : mõõtes Apollo pärandit

Pustõnski, Vladislav-Veniamin loodusajakiri.ee 2025 / lk. 40-45 [Kuu piltide fotogramm-meetriline uurimine : mõõtes Apollo pärandit](#)
https://www.ester.ee/record=b1072243*est

Kuu pinnavormid

Mars, Mario Minu Maailm 2017 / lk. 20-21 : fot http://www.ester.ee/record=b3033179*est

Kuus kukesammu

Soomere, Tarmo Postimees 2017 / AK : arvamus, kultuur, lk. 6

Kuus kukesammu

Soomere, Tarmo Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2017 2018 / lk. 65-68
https://www.ester.ee/record=b1218094*est

Kõva sõna

Soomere, Tarmo Postimees 2020 / lk. 2 : fot <https://dea.digar.ee/article/postimees/2020/09/07/3.4>

Käsmu sadamaplaan laineurija pilgu läbi : [küsimustele vastab Tarmo Soomere]

Soomere, Tarmo Navigaator 2018 / lk. 28-29 : ill https://www.ester.ee/record=b2091994*est

Kübeke suveteadust: miks grillvorstid pikkupidi lõhkevad

Oidermaa, Jaan-Juhan novaator.err.ee 2023 [Kübeke suveteadust: miks grillvorstid pikkupidi lõhkevad](#)

Küberneetikakorüfee Enn Tõugu: kas arvutid võtavad inimestelt võimu üle? Ma eriti ei usu

Aesma, Madis; **Tõugu, Enn** Eesti Päevaleht 2017 / lk. 18-19 <https://epl.delfi.ee/artikkel/77295280/kuberneetikakorufee-enn-tougu-kas-aryutid-votavad-inimestelt-voimu-ule-ma-eriti-el-usu>

Küberruumi turvalisus on igaühe asi

Tõugu, Enn Postimees 2017 / AK, lk. 11

Laamade liitumine : kaks teadlaste maailmaorganisatsiooni ühinesid : [võrguväljaanne]

Pilt, Ebe postimees.ee 2018 <https://teadus.postimees.ee/4517755/laamade-liitumine-kaks-teadlaste-maailmaorganisatsiooni-uhinesid>

Lagrangian timescales in the gulf of Finland

Viikmäe, Bert; Torsvik, Tomas Geophysical research abstracts 2017 / p. EGU2017-3854

<http://meetingorganizer.copernicus.org/EGU2017/EGU2017-3854.pdf>

Lainelevi modelleerimine tahkistes ja komplekssüsteemid

Engelbrecht, Jüri Teadusmõte Eestis (X). Tehnikateadused. 3 : [artiklikogumik] 2019 / lk. 37-47 : ill., fot

https://www.ester.ee/record=b5208765*est

Legaalne doping teadushuvilistele noortele

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 283-287 https://www.ester.ee/record=b5521198*est

<https://dea.digar.ee/article/opetajateleht/2018/09/14/8.1>

Leidlik ja inimlik haridus sillutab teed tulevikku

Soomere, Tarmo Sirp 2021 / lk. 34-36 : ill <https://sirp.ee/s1-artiklid/c21-teadus/leidlik-ja-inimlik-haridus-sillutab-teed-tulevikku/>

Lembit Kurik: paljud niiskusprobleemid on silmaga näha ja lahendused teada

Raudvassar, Liina Eesti Kirik 2024 / lk. 4-5 [Lembit Kurik: paljud niiskusprobleemid on silmaga näha ja lahendused teada](#)

Linearization of discrete-time control system by state transformation

Mullari, Tanel; Kotta, Ülle Proceedings of the Estonian Academy of Sciences 2021 / p. 62–79 <https://doi.org/10.3176/proc.2021.1.09>

https://kirj.ee/wp-content/plugins/kirj/pub/proc-1-2021-62-79_20210630094644.pdf?v=a57b8491d1d8 [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Linking changes in the directional distribution of moderate and strong winds with changes in wave properties in the eastern Baltic proper

Soomere, Tarmo; Eelsalu, Maris; Viigand, Katri; Giudici, Andrea Journal of coastal research 2024 / p. 190-194

<https://doi.org/10.2112/JCR-SI113-038.1>

Live-cell photoactivated localization microscopy correlates nanoscale ryanodine receptor configuration to calcium sparks in cardiomyocytes

Hou, Yufeng; **Laasmaa, Martin**; Li, Jia; Shen, Xin; Manfra, Ornella; Nordén, Einar S.; Le, Christopher; Zhang, Lili; Sjaastad, Ivar; Jones, Peter P.; Soeller, Christian; Louch, William Edward Nature cardiovascular research 2023 / p. 251-267

<https://doi.org/10.1038/s44161-022-00199-2>

Integrating multi-criteria decision analysis and GIS for coastal vulnerability assessment : a case study in Estonia, Eastern Baltic Sea

Barzehkar, Mojtaba; Parnell, Kevin Ellis; Soomere, Tarmo Nordic Geographers Meeting (NGM) : book of abstracts 2024 / p. 251

http://ngm2024.com/wp-content/uploads/2024/06/NGM_Book_of_Abstracts_Final_New.pdf

Local strain-induced band gap fluctuations and exciton localization in aged WS2 monolayers

Krustok, Jüri; Kaupmees, Reelika; Jaaniso, Raivo; Kiisk, Valter; Sildos, Ilmo; Li, B.; Gong, Y. AIP advances 2017 / art. 065005, 12

p. <https://doi.org/10.1063/1.4985299> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Long-term and decadal sea-level trends of the Baltic Sea using along-track satellite altimetry

Mostafavi, Majid; Ellmann, Artu; Delpeche-Ellmann, Nicole Camille Remote sensing 2024 / art. 760

<https://doi.org/10.3390/rs16050760>

Long-term changes of waves at the German Baltic Sea coast: Are there trends from the past?

Dreier, Norman; **Männikus, Rain**; Fröhle, Peter Journal of coastal research 2020 / p. 1416-141621 <https://doi.org/10.2112/SI95-274.1>

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Loodusvarad kui riigi põhikapital

Soomere, Tarmo Postimees 2017 / ak, lk. 7 <https://arvamus.postimees.ee/4130749/tarmo-soomere-essee-loodusvarad-kui-riigi-pohikapital>

Lootusteadlase pilguga vajab Eesti võimalikult laia koalitsiooni

Samoson, Ago postimees.ee 2023 [Lootusteadlase pilguga vajab Eesti võimalikult laia koalitsiooni](#)

Low altitude solar magnetic reconnection, type III solar radio bursts, and X-ray emissions

Cairns, I.H.; Lobzin, V.V.; Donea, A.; Kudryavtseva, Nadezhda Scientific reports 2018 / art. 1676, p. 1-12 : ill

<https://doi.org/10.1038/s41598-018-19195-3> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Lugeja küsib : kas sildade all on jää õhem kui mujal?

Reimann, Andres novaator.err.ee 2024 [Lugeja küsib : kas sildade all on jää õhem kui mujal?](#)

Lugeja küsib: kes mu kotipõhja poetatud juhtmed jälle sõlme keeras?

Reimann, Andres novaator.err.ee 2024 [Lugeja küsib: kes mu kotipõhja poetatud juhtmed jälle sõlme keeras?](#)

Lugeja küsib: kuidas vältida fotol punaseid silmi?

Kalda, Jaan novaator.err.ee 2023 [Lugeja küsib: kuidas vältida fotol punaseid silmi?](#)

Lugeja küsib: miks inimene vette hüpatas haiget saab?

Kalda, Jaan novaator.err.ee 2024 [Lugeja küsib: miks inimene vette hüpatas haiget saab?](#)

Lugeja küsib: miks kipuvad veetorud ära külmuma just ilma soojemaks minnes? [Võrguväljaanne]

Kalda, Jaan; Mere, Arvo novaator.err.ee 2021 ["Lugeja küsib: miks kipuvad veetorud ära külmuma just ilma soojemaks minnes?"](#)

Lugeja küsib: miks talvel laevad (näiliselt) õhku tõusevad? [Võrguväljaanne]

Kalda, Jaan novaator.err.ee 2021 ["Lugeja küsib: miks talvel laevad \(näiliselt\) õhku tõusevad?"](#)

Lugesin üht raamatut : [Furtado, P. (ed.) "Histories of nations : how their identities were forged"]

Engelbrecht, Jüri Horisont 2020 / lk. 60-61 : ill https://www.ester.ee/record=b1072243*est

A luminescence study of Cu₂ZnSnSe₄/Mo/glass films and solar cells with near stoichiometric copper content

Yakushev, M. V.; Sulimov, M. A.; Marquez-Prieto, J.; Krustok, Jüri Journal of physics D : applied physics 2019 / art. 055502, 10 p. : ill

<https://doi.org/10.1088/1361-6463/aaef3> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Lummavalt mitmekesised rannad

Soomere, Tarmo Eesti Loodus 2018 / lk. 32-33 : fot http://www.ester.ee/record=b1072059*est

Lummavalt mitmekesised rannad

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 114-116 https://www.ester.ee/record=b5521198*est

Läänemere idarannik satub tulevikus sagedamini kõrgvete meelevalda

novaator.err.ee 2025 <https://novaator.err.ee/1609649417/laanemere-idarannik-satub-tulevikus-sagedamini-korgvete-meelevalda>

Läänemere rahutute rannikute põnevad saladused

Soomere, Tarmo Teadusmõte Eestis (X). Tehnikateadused. 3 : [artiklikogumik] 2019 / lk. 177-189 : ill., fot

https://www.ester.ee/record=b5208765*est

Lühidus, arusaadavus ja põnevus - hea teaduskommunikatsiooni võti : [Eesti Teaduste Akadeemia kolme minuti loengute konkursist]

Soomere, Tarmo Teadus kolme minutiga : 2015-2016 2017 / lk. 186-197 : ill http://www.ester.ee/record=b4654069*est

Maarja Grossberg ja Jüri Krustok: teadus areneb alati säästlikuma ja tõhusama poole

Grossberg, Maarja; Krustok, Jüri Mente et Manu 2021 / lk. 12-17 : fot [Mente et Manu 2/2021](#)

Machine learning Forecasting of Absolute Dynamic Topography in the Baltic Sea

Rajabi-Kiasari, Saeed; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu Nordic Geodetic Commission General Assembly 2022 in Copenhagen : Poster Session 2022 / 36 l. <https://medialib.cmcdn.dk/medialibrary/010C1367-E991-4A33-AB10-1953247E9C23/530AEABD-3A25-ED11-84B6-00155D0B0940.pdf>

Machine learning prediction for filling the interruptions of tide gauge data using a least square estimation method from nearest stations

Jahanmard, Vahidreza; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu Geodesy for a Sustainable Earth, Scientific Assembly of the International Association of Geodesy : abstract book 2021 / S5-030 p. 529 https://mm.sciconf.cn/en/minisite/poster-detail-new/1646?poster_id=1563508 https://files.sciconf.cn/upload/file/20210626/20210626085039_69146.pdf

Major changes to directional forcing of sediment transport along the eastern Baltic Sea coast

Eelsalu, Maris; Soomere, Tarmo New challenges for Baltic Sea Earth System research : conference proceedings 2024 / p. 57-58 https://baltic.earth/imperia/md/assets/baltic_earth/baltic_earth/baltic_earth/5bec_proceedings.pdf

Mapping wave set-up near a complex geometric urban coastline

Soomere, Tarmo; Pindsoo, Katri; Bishop, Steven Richard; Käär, Arvo; Valdmann, Ain Natural Hazards and Earth System Sciences 2013 / p. 3049 - 3061 <https://doi.org/10.5194/nhess-13-3049-2013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Marine drifter data collection tool [Online resource]

Giudici, Andrea Baltic Earth Workshop on multiple drivers for Earth system changes in the Baltic Sea region : Tallinn University of Technology, Tallinn, Estonia 26-27 November 2018 : [programme, abstracts, participants] 2018 / p. 32 https://www.baltic-earth.eu/publications/IBESPublications/No_14_Workshop_Multiple_Drivers_Tallinn_Nov2018/No.14_Tallinn2018.pdf

Marker enzyme activities in hindleg from creatine-deficient AGAT and GAMT KO mice - differences between models, muscles, and sexes

Barsunova, Karina; Vendelin, Marko; Birkedal Nielsen, Rikke Scientific reports 2020 / Art. 7956, 9 p <https://doi.org/10.1038/s41598-020-64740-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Marti Aavik: Postimehe ja Eesti Teaduste Akadeemia nõukoda [Võrguväljaanne]

Postimees 2021 <https://leht.postimees.ee/7151207/marti-aavik-postimehe-ja-eesti-teaduste-akadeemia-noukoda>

Masinad on üha targemad, mis edasi saab?

Tõugu, Enn Postimees 2017 / AK, lk. 10 <https://teadus.postimees.ee/4005457/enn-tougu-masinad-on-uha-targemad-mis-edasi-saab>

Masside vaimsus

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 269-273 https://www.ester.ee/record=b5521198*est

Masside vaimsus

Soomere, Tarmo KesKus 2018 / lk. 6-7 <http://kes-kus.ee/masside-vaimsus/>

A matched filter technique for slow radio transient detection and first demonstration with the Murchison Widefield Array

Feng, L.; Vaulin, R.; Hewitt, J. N.; Remillard, R.; **Kudryavtseva, Nadezhda** The astronomical journal 2017 / art. 98 <https://doi.org/10.3847/1538-3881/153/3/98> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Matemaatika ja füüsika. Valemid ning hüpoteesid

Rahula, Mairo; **Väljas, Mati** 2017 http://www.ester.ee/record=b4693288*est

Matemaatika ja matemaatiline statistika [Võrguväljaanne]

Janno, Jaan Eesti Teaduste Akadeemia : Youtube kanal 2020 / video [Matemaatika ja matemaatiline statistika](#)

Matemaatika lektor: matemaatikat peaks õpetama kirglikumalt

Kurvits, Jüri err.ee 2025 <https://eeter.err.ee/1609654679/matemaatika-lektor-matemaatikat-peaks-opetama-kirglikumalt>

Material and debris transport patterns in Moreton Bay, Australia : the influence of Lagrangian coherent structure

Suara, Kabir Adewale; Khanarmuei, Mohammadreza; Ghosh, Anusmriti; Yu, Yingying; Zhang, Hong; **Soomere, Tarmo**; Brown, Richard J. Science of the total environment 2020 / art. 137715 <https://doi.org/10.1016/j.scitotenv.2020.137715> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mathematics of nerve signals

Peets, Tanel; Tamm, Kert Applied wave mathematics II : selected topics in solids, fluids, and mathematical methods and complexity 2019 / p. 207-238 https://doi.org/10.1007/978-3-030-29951-4_10 https://www.ester.ee/record=b5303400*est

Mathematics. Special Issue "Inverse and Ill-Posed Problems"

2020 https://www.mdpi.com/journal/mathematics/special_issues/Inverse_Ill-posed_Problems

Me ei oska tarku inimesi hoida

Soomere, Tarmo Äripäev 2019 / lk. 12

Measurement of Higgs boson couplings in final states featuring multiple leptons and hadronic τ decay products = Higgsi bosoni seoseparameetrite mõõtmine mitmeid leptoneid ja hadronilisi τ laguprodukte sisaldavates lõppolekutes

Ehataht, Karl 2023 <https://doi.org/10.23658/taltech.52/2023> <https://digikogu.taltech.ee/et/Item/14ef9ae7-ad97-433b-a6a5-03741045bdfc> https://www.ester.ee/record=b5638918*est

Measurement of Higgs boson properties in leptonic final states using ML-methods = Higgsi bosoni omaduste mõõtmine leptoneid sisaldavates kanalites kasutades masinõppe meetodeid

Tani, Laurits 2024 https://www.ester.ee/record=b5685160*est <https://doi.org/10.23658/taltech.25/2024> <https://digikogu.taltech.ee/et/Item/95677715-7be7-4696-a8a6-cdbe321761b2>

Measurement of spontaneous current-induced patch formation processes in the marine surface layer

Giudici, Andrea 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 246 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Measurement of the Higgs boson production rate in association with top quarks in final states with electrons, muons, and hadronically decaying tau leptons at $\sqrt{s} = 13$ TeV

Sirunyan, A. M.; Tumasyan, A.; Adam, W.; Bergauer, T.; **Ehatäht, Karl** The European Physical Journal C 2021 / art. 378, 51 p. : ill <https://doi.org/10.1140/epjc/s10052-021-09014-x>

Measurements of long waves in Port of Klaipėda, Lithuania

Kelpšaitė-Rimkienė, Loreta; **Soomere, Tarmo**; Bagdavičiūtė, Ingrida Journal of coastal research Proceedings of the 15th International Coastal Symposium, Haeundae, Busan, 13-18 May 2018 2018 / p. 761–765 : ill <http://doi.org/10.2112/SI85-153.1> <https://www.jcronline.org/doi/pdf/10.2112/SI85-153.1>

Measurements of long waves in Port of Klaipėda, Lithuania

Kelpšaitė-Rimkienė, Loreta; **Soomere, Tarmo**; Bagdavičiūtė, Ingrida The 15th International Coastal Symposium 2018 Haeundae, Busan, Republic of Korea 13th – 18th May 2018 : book of abstracts 2018 / p. 179

Measurements of wave transformation in the coastal zone

Torsvik, Tomas; Didenkulova, Irina; Hemanth, V. V. S. S. R. 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 53 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Mechanical waves in myelinated axons

Tamm, Kert; Peets, Tanel; Engelbrecht, Jüri Biomechanics and modeling in mechanobiology 2022 / p. 1285-1297

<https://doi.org/10.1007/s10237-022-01591-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mechanochemical synthesis of solid-state electrolyte $\text{Sm}_{1-x}\text{Ca}_x\text{F}_{3-x}$ for batteries and other electrochemical devices

Molaiyan, Palanivel; Witter, Raiker Materials letters 2019 / p. 22-26 <https://doi.org/10.1016/j.matlet.2019.02.034> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mechanochemically driven covalent self-assembly of a chiral mono-biotinylated hemicucurbit[8]uril

Suut-Tuule, Elina; Jarg, Tatsiana; Tikker, Priit; Lootus, Ketren-Marlein; Martõnova, Jevgenija; Reitalu, Rauno; Ustrnül, Lukas; Ward, Jas S.; Rjabovs, Vitalijs; Shubin, Kirill; **Nallaparaju, Jagadeesh Varma; Vendelin, Marko; Preis, Sergei; Öeren, Mario**; Rissanen, Kari; **Kananovich, Dzmitry; Aav, Riina** Cell reports physical science 2024 / art. 102161

<https://doi.org/10.1016/j.xcrp.2024.102161> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Meenutusi akadeemik Maddisonist

Aben, Hillar Vaateid mehaanikale Eestis : 1918-2018 2019 / lk. 101 https://www.ester.ee/record=b5190016*est

Meie igapäevast leiba anna ...

Soomere, Tarmo Maaleht 2018 / lk. 17

Meie igapäevast leiba anna ...

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 188-191 https://www.ester.ee/record=b5521198*est

Meie planeet on sisenenud uude ajastusse. Mil biosfääri mõjutab kõige rohkem inimtegevus

Soomere, Tarmo Eesti Teaduste Akadeemia sõnas ja pildis 2023 2024 / lk. 13-16 : fot https://www.ester.ee/record=b5054043*est

Merenduse ajalugu raiuti raamatusse

Soomere, Tarmo Postimees 2023 / Lk. 8 <https://dea.digar.ee/article/postimees/2023/03/25/11.4>

Merepõhi ei ole vaikne hauakoht

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 84-88 https://www.ester.ee/record=b5521198*est <https://dea.digar.ee/article/postimees/2020/11/11/14.1>

Merepõhi ei ole vaikne hauakoht

Soomere, Tarmo Postimees 2020 / Lk. 15 <https://dea.digar.ee/article/postimees/2020/11/11/14.1>

Mereteadlane: käes on täiesti uus aeg. Unustage vanad ilmatarkused!

Rooväli, Küllike; **Soomere, Tarmo** Õhtuleht 2017 / lk. 5 <https://www.oh tuleht.ee/789014/mereteadlane-kaes-on-taiesti-uus-aeg-unustage-vanad-ilmatarkused>

Mereteaduste komisjon

Soomere, Tarmo Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2016 2017 / lk. 39-43 https://www.ester.ee/record=b1218094*est

Mereteaduste komisjon

Soomere, Tarmo Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2017 2018 / lk. 37-39
https://www.ester.ee/record=b1218094*est

Mereteaduste komisjon

Soomere, Tarmo Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2018 2019 / lk. 21-23

Mereteaduste komisjon

Soomere, Tarmo Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2019 2020 / lk. 31 https://www.ester.ee/record=b1218094*est

Mereteaduste komisjon

Soomere, Tarmo Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2020 2021 / lk. 40-41 https://www.ester.ee/record=b1218094*est

Mereteaduste komisjon

Soomere, Tarmo Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2021 2022 / lk. 35-36 https://www.ester.ee/record=b1218094*est

Meri ja rahu

Soomere, Tarmo Sirp 2023 / lk. 4-5 : fot <https://www.sirp.ee/s1-artiklid/c21-teadus/meri-ja-rahu/>

Metabolic compartmentation in rainbow trout cardiomyocytes : coupling of hexokinase but not creatine kinase to mitochondrial respiration

Karro, Niina; Sepp, Mervi; Jugai, Svetlana; Laasmaa, Martin; Vendelin, Marko; Birkedal Nielsen, Rikke Journal of comparative physiology B 2017 / p. 103-116 : ill <https://doi.org/10.1007/s00360-016-1025-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Metropolise algoritm kui muutumise vajaduse kriteerium

Pihlak, Margus Aastaraamat 2017 / Eesti Matemaatika Selts 2018 / lk. 45-53 : ill https://www.ester.ee/record=b1226018*est

Metsaga ei tohi mängida

Soomere, Tarmo Postimees 2020 / Lk. 17 : portr <https://leht.postimees.ee/7048569/tarmo-soomere-metsa-kaekaik-inimkonna-tuleviku-indikaatorina> <https://dea.digar.ee/article/postimees/2020/08/28/13.3>

Michailichenko group of matrices over skew-fields

Leibak, Alar Математи́чки весник = Matematički Vesnik 2019 / p. 155–161 <http://www.vesnik.math.rs/vol/mv191210.pdf> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Microdeformation and microtemperature

Berezovski, Arkadi; Ván, Peter Internal variables in thermoelasticity 2017 / p. 175-190 https://doi.org/10.1007/978-3-319-56934-5_13 [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Microlensing of gravitational waves by dark matter structures

Fairbairn, Malcolm; **Urrutia Perez, Juan; Vaskonen, Ville** Journal of cosmology and astroparticle physics 2023 / art. 007 <https://doi.org/10.1088/1475-7516/2023/07/007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Microstructured continua and scaling for wave motion

Engelbrecht, Jüri Atti della Accademia Peloritana dei Pericolanti, Classe di Scienze Fisiche, Matematiche e Naturali 2013 / art. A8 <https://doi.org/10.1478/AAPP.91S1A8> [Journal metrics at Scopus](#) [Article at Scopus](#)

Mida arvab uus president Rail Balticust?

Samoson, Ago Postimees 2021 / Lk. 11 <https://dea.digar.ee/article/postimees/2021/08/06/12.7>

Mida peaks teadma vikerkaare kohta ja kust seda otsida?

Einama, Kaido Arvamus, kultuur : [ajalehe Postimees lisa] 2023 / Lk. 9 <https://dea.digar.ee/article/ak/2023/08/19/6.2>

Mida peaks teadma vikerkaare kohta ja kust seda otsida?

Kalda, Jaan postimees.ee 2023 [Mida peaks teadma vikerkaare kohta ja kust seda otsida?](#)

Mida targemad oleme, seda tugevamad oleme : [kõne Paide peaväljakul aktsiooni "33 kõnet" raames 31.05.2021]

Soomere, Tarmo 33 kõnet : Paide 3000 2021 / lk. 46-58 https://www.ester.ee/record=b5452686*est

Mida targemad oleme, seda tugevamad oleme : [kõne Paide peaväljakul aktsiooni "33 kõnet" raames 31.05.2021]

Soomere, Tarmo 2022 / lk. 15-24 https://www.ester.ee/record=b5521198*est

Mida toob rahvusülikoolile uus sajand?

Pärismaa, Sirje; Asser, Toomas Õpetajate Leht 2019 / Lk. 2-3 <https://opleht.ee/2019/12/mida-toob-rahvusulikoolile-uus-sajand/>
https://www.ester.ee/record=b1072753*est

Mihhail Bronštein 23. I 1923 Peterburi – 9. IV 2022 Genf : In memoriam

Soomere, Tarmo Sirp 2022 / lk. 37 <https://www.sirp.ee/s1-artiklid/c21-teadus/mihhail-bronstein-23-i-1923-peterburi-9-iv-2022-genf/>

Mihhail Bronšteini nimelised majandusteaduste preemiad pälvisid Anneli Kaasa ja Karsten Staehr

jarvateataja.postimees.ee 2023 [Mihhail Bronšteini nimelised majandusteaduste preemiad pälvisid Anneli Kaasa ja Karsten Staehr](#)

Mihkel Veiderma : 27. detsember 1929 - 25. oktoober 2018

Soomere, Tarmo Eesti Loodus 2018 / lk. 69 : portr http://www.ester.ee/record=b1072059*est

Miks haigused levivad nii nagu nad levivad? Üllatav, kuid vastust ei tasu ainult arstide käest küsida

Peets, Tanel; Josepson, Raavo geenius.ee 2025 <https://digi.geenius.ee/blogi/teadus-ja-tulevik/miks-haigused-levivad-nii-nagu-nad-levivad-ullatav-kuid-vastust-ei-tasu-ainult-arstide-kaest-kusida/>

Miks kassi silmad öösel hirmuäratavalt hiilgavad?

Kalda, Jaan teadus.postimees.ee 2023 [Miks kassi silmad öösel hirmuäratavalt hiilgavad?](#)

Miks kostab vee ääres räägitud jutt kaugele?

Kalda, Jaan postimees.ee 2024 [Miks kostab vee ääres räägitud jutt kaugele?](#)

Miks lähevad grillvorstid pikkupidi lõhki?

Kalda, Jaan postimees.ee 2023 [Miks lähevad grillvorstid pikkupidi lõhki?](#)

Miks on Leedu ja Läti randades merevaiku, aga meil mitte? [Võrguväljaanne]

Soomere, Tarmo forte.delfi.ee 2020 / video [Miks on Leedu ja Läti randades merevaiku, aga meil mitte?](#)

Miks on saunas kasulik teada kastepunkti ja millal läheb seal talumatult palavaks?

Kalda, Jaan postimees.ee 2024 [Miks on saunas kasulik teada kastepunkti ja millal läheb seal talumatult palavaks?](#)

Miks tõuksiga rohkem kukutakse? Sest õige pidurdamistehnika on teine!

Kalda, Jaan ohtuleht.ee 2024 [Miks tõuksiga rohkem kukutakse? Sest õige pidurdamistehnika on teine!](#)

Millal pääseb lõksus laev Suessi kanalist liikuma ja milline on juhtumi mõju maailmakaubandusele? [Võrguväljaanne]

Soomere, Tarmo; Kask, Toomas postimees.ee 2021 ["Millal pääseb lõksus laev Suessi kanalist liikuma ja milline on juhtumi mõju maailmakaubandusele?"](#)

Milleks meile füüsika(haridus)?

delfi.ee 2022 [Milleks meile füüsika\(haridus\)?](#)

Millest sõltub väga kõrge ja madal veetase Väinameres?

Männikus, Rain Le.ee 2024 [Millest sõltub väga kõrge ja madal veetase Väinameres?](#)

Milline või milline peaks olema Eesti ülikool? Juku-Kalle Raidile vastavad Tarmo Soomere, Jaak Valge, Riina Sikkut : video

Soomere, Tarmo; Valge, Jaak; Sikkut, Riina postimees.ee 2025 <https://elu24.postimees.ee/8244478/elu25-video-milline-voi-milline-peaks-olema-eesti-ulikool-juku-kalle-raidile-vastavad-tarmo-soomere-jaak-valge-riina-sikkut>

Millise matemaatika taustaga tudengeid ootavad ülikoolid?

Soots, Hanna Britt; Vilo, Jaak opleht.ee 2024 [Millise matemaatika taustaga tudengeid ootavad ülikoolid?](#)

Millist teadust vajab Eesti? ehk Teadussüsteemi mitmekesisusest ja järjepidevusest

Engelbrecht, Jüri Sirp 2017 / lk. 15-17 : fot <http://sirp.ee/s1-artiklid/c21-teadus/millist-teadust-vajab-eesti-ehk-teadussusteemi-mitmekesisusest-ja-jarjepidevusest/>

Mineviku liitmine tulevikuga pole lihtne aritmeetika

Soomere, Tarmo Sirp 2018 / lk. 33-34 : ill https://www.ester.ee/record=b1072938*est <http://sirp.ee/s1-artiklid/c21-teadus/mineviku-liitmine-tulevikuga-pole-lihtne-aritmeetika/>

Mineviku liitmine tulevikuga pole lihtne aritmeetika

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 208-211 https://www.ester.ee/record=b5521198*est
<http://sirp.ee/s1-artiklid/c21-teadus/mineviku-liitmine-tulevikuga-pole-lihtne-aritmeetika/>

The minimal time-varying realization of a nonlinear time-invariant system?

Kotta, Ülle; Moog, Claude H.; **Tõnso, Maris** 9th IFAC Symposium on Nonlinear Control Systems 2013 : Toulouse, France, 4 - 6 September 2013 / p. 518 - 523 <https://doi.org/10.3182/20130904-3-FR-2041.00080> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Minu juured: Akadeemik Jüri Engelbrecht: ärevatel sõja-aastatel pidas meie pere ka põgenemisplaane. Midagi tuli aga vahele...

Engelbrecht, Jüri ohtuleht.ee 2023 [Minu juured: Akadeemik Jüri Engelbrecht: ärevatel sõja-aastatel pidas meie pere ka põgenemisplaane. Midagi tuli aga vahele...](#)

Mis on aeg?

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 73-74 https://www.ester.ee/record=b5521198*est

Mis on aeg?

Liiger, Mare; Vanamölder, Kaarel; Koldits, Eva; **Soomere, Tarmo**; Tungal, Leelo; Helm, Aveliina; Leppik, Sakarias Jaan; Sulbi, Raul Ohtuleht 2020 / Lk. 18 : fot <https://dea.digar.ee/article/ohtuleht/2020/12/31/11.1>

Mis on fotoelastsus?

Aben, Hillar Vaateid mehaanikale Eestis : 1918-2018 2019 / lk. 145-149 https://www.ester.ee/record=b5190016*est

Modeling of complex signals in nerve fibers

Engelbrecht, Jüri; Tamm, Kert; Peets, Tanel Medical hypotheses 2018 / p. 90-95 : ill <https://doi.org/10.1016/j.mehy.2018.08.021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modeling of multivariate skewness measure distribution

Pihlak, Margus Stochastic Modeling, Data Analysis & Statistical Applications 2015 / p. 109-113

Modeling patchiness on the sea surface caused by the interplay of winds and currents in the Gulf of Finland [Online resource]

Giudici, Andrea; **Kalda, Jaan**; **Soomere, Tarmo** 2nd Baltic Earth Conference The Baltic Sea in Transition : Helsingør, Denmark, 11 to 15 June 2018 : conference proceedings 2018 / p. 190-120 : ill https://www.baltic-earth.eu/publications/IBESPublications/No_13_Helsingor_Proceedings/2ndBalticEarthConferenceProceedings_IBESP_No13_web.pdf

Modelling non-stationary loads induced by changing climate : [plenary lecture]

Kudryavtseva, Nadezhda 33rd Nordic Seminar on Computational Mechanics, Jönköping 25-26 November 2021 / 1 p <https://congress.cimne.com/NSCM-33/Admin/Files/FileAbstract/a41.pdf>

Modelling of complex signals in nerves

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

Modelling of internal waves in the Baltic Sea

Kurkin, Andrey; Pelinovsky, Efim; Talipova, Tatyana; **Soomere, Tarmo** Фундаментальная и прикладная гидрофизика 2018 / p. 8-20 <https://doi.org/10.7868/S2073667318020016> [Journal metrics at Scopus](#) [Article at Scopus](#)

Modelling of processes in nerve fibres at the interface of physiology and mathematics

Engelbrecht, Jüri; Tamm, Kert; Peets, Tanel Biomechanics and modeling in mechanobiology 2020 / p. 2491-2496 <https://doi.org/10.1007/s10237-020-01350-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modelling residual stresses in glass structures

Õunapuu, Erko; Anton, Johan; **Klauson, Aleksander** AIP conference proceedings 2019 / art. 330007 <https://doi.org/10.1063/1.5114345> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Modelling suitable layout for a small island harbour: A case study of Ruhnu in the Gulf of Riga, eastern Baltic Sea

Männikus, Rain; Wang, W. W.; **Eelsalu, Maris**; **Najafzadeh, Fatemeh**; Bihs, H.; **Soomere, Tarmo** Latvian journal of physics and technical sciences 2024 / p. 3-24 <https://doi.org/10.2478/lpts-2024-0040>

Modification of closure depths by synchronisation of severe seas and high water levels

Soomere, Tarmo; **Männikus, Rain**; **Pindsoo, Katri**; **Kudryavtseva, Nadezhda**; **Eelsalu, Maris** Geo-marine letters 2017 / p. 35-46 : ill <https://doi.org/10.1007/s00367-016-0471-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modification of the optoelectronic properties of Cu₂CdSnS₄ through low-temperature annealing

Pilvet, Maris; **Kauk-Kuusik, Marit**; **Grossberg, Maarja**; **Raadik, Taavi**; **Mikli, Valdek**; **Traksmäa, Rainer**; **Raudoja, Jaan**; **Timmo, Kristi**; **Krustok, Jüri** Journal of alloys and compounds 2017 / p. 820-825 : ill <https://doi.org/10.1016/j.jallcom.2017.06.307> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Monumendid elavatele

Soomere, Tarmo Sirp 2018 / lk. 35 : fot https://www.ester.ee/record=b1072938*est Monumendid elavatele

Mull aja meres

Soomere, Tarmo KesKus 2019 / lk. 6-7 : ill <https://dea.digar.ee/article/keskus/2019/07/10/7.1>

Mull aja meres

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 89-94 https://www.ester.ee/record=b5521198*est
<https://dea.digar.ee/article/keskus/2019/07/10/7.1>

Multidecadal Shoreline Monitoring at Parengarenga, Northern New Zealand: From Dumpy Level to LiDAR

Parnell, Kevin Ellis; Hosking, Peter; McLean, Roger; Nichol, Scott Journal of coastal research 2020 / p. 165–171

<https://doi.org/10.2112/JCR-SI101-031.1> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Multi-mission satellite altimetry shows changes in extreme wave heights over the Baltic Sea and their connection to the NAO and AO climatic indice

Kudryavtseva, Nadezhda; Soomere, Tarmo 2019 European Space Agency Living Planet Symposium 2019 / [1] p

<https://lps19.esa.int/NikalWebsitePortal/living-planet-symposium-2019/lps19/Speaker>

Multi-nodal nano-actuator pacemaker for energy-efficient stimulation of cardiomyocytes

Lu, Pengfei; Veletic, Mladen; **Laasmaa, Martin; Vendelin, Marko** Nano Communication Networks 2019 / art. 100270, 11 p. : ill

<https://doi.org/10.1016/j.nancom.2019.100270> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Multiscale investigation of sodium-ion battery anodes: analytical techniques and applications

Schäfer, David; Hankins, Kie; Allion, Michelle; Krewer, Ulrike; Karcher, Franziska; Derr, Laurin; Schuster, Rolf; Maibach, Julia; Mück, Stefan; Kramer, Dominik; **Samoson, Ago; Witter, Raiker** Advanced energy materials 2024 / 37 p

<https://doi.org/10.1002/aenm.202302830>

Multiscale memristive properties of skin induced by memory effects of cyclic stress-relaxation loadings : data fusion from ground truth nonlinear acousto-mechanical testing

Dos Santos, Serge; Masood, Ali; **Lints, Martin; Salupere, Andrus**; Kozena, Colette; Kus, Vaclav ICSV 2018: 25th International Congress on Sound and Vibration (ICSV25), Hiroshima, Japan, 8-12 July, 2018 : proceedings. Vol. 1 2018 / p. 1965-1972 : ill

<http://toc.proceedings.com/40638webtoc.pdf>

https://www.researchgate.net/publication/326668548_MULTISCALE_MEMRISTIVE_PROPERTIES_OF_SKIN_INDUCED_BY_MEMORY_EFFECTS_OF_CYCLIC_STRESS-RELAXATION_LOADINGS_DATA_FUSION_FROM_GROUND_TRUTH_NONLINEAR_ACOUSTO-MECHANICAL_TESTING

A multivariate-multistep-ahead forecasting of dynamic topography using convolutional encoder-decoder network in the Baltic Sea

Rajabi Kiasari, Saeed; **Delpeche-Ellmann, Nicole Camille; Ellmann, Artu** XXVIII General Assembly of the International Union of Geodesy and Geophysics (IUGG) 2023 / 1 p <https://doi.org/10.57757/IUGG23-1664>

Musikaalsed tähed

Mars, Mario Minu Maailm 2017 / lk. 20-21 : ill http://www.ester.ee/record=b3033179*est

Mustast august vaikselt lootusetuseni

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 60-62 https://www.ester.ee/record=b5521198*est

Muutuvate interpretatsioonide mälu

Soomere, Tarmo Sirp 2019 / lk. 5-6 : fot https://www.ester.ee/record=b1072938*est <https://sirp.ee/s1-artiklid/c21-teadus/muutuvate-interpretatsioonide-malu/>

Mõtlemine kaugemale tänasest päevast

Engelbrecht, Jüri postimees.ee 2023 / Lk. 8 [Mõtlemine kaugemale tänasest päevast https://dea.digar.ee/article/postimees/2023/10/28/9.4](https://dea.digar.ee/article/postimees/2023/10/28/9.4)

Mõtteid kriisidest

Engelbrecht, Jüri; Kitt, Robert Akadeemia 2020 / lk. 983-996 https://www.ester.ee/record=b1071914*est

Mõtteloo mõtestamisest

Engelbrecht, Jüri Sirp 2018 / lk. 32 <https://www.sirp.ee/s1-artiklid/c21-teadus/motteloo-motestamisest/>

Mõõtes teadust kujundame kultuuri

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 40-43 https://www.ester.ee/record=b5521198*est

Mäng kolme džinniga tõukab Eesti kliimamuutuste epitsentrisse [Võrguväljaanne]

Oidermaa, Jaan-Juhan; **Soomere, Tarmo** novaator.err.ee 2020 / fot [Mäng kolme džinniga tõukab Eesti kliimamuutuste epitsentrisse](https://www.ester.ee/record=b1072938*est)

Mööda väärtusahelat mugavustsoonist välja

Soomere, Tarmo Elektriala 2020 / lk. 5 : portr http://www.ester.ee/record=b1240496*est

Naerad koos, norskad üksinda

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 148-152 https://www.ester.ee/record=b5521198*est <http://kes-kus.ee/naerad-koos-norskad-üksinda/>

Naerad koos, norskad üksinda

Soomere, Tarmo KesKus 2018 / lk. 6-7 <http://kes-kus.ee/naerad-koos-norskad-üksinda/>

Nano tungib ellu. Kuidas nanotehnoloogia muudab meditsiini ja tulevikubioloogiat

Engelbrecht, Jüri Horisont 2023 / lk. 58 https://www.ester.ee/record=b1072243*est

Nanostructured fluorite-type fluorides as electrolytes for fluoride ion batteries

Rongeat, Carine; Reddy, M. Anji; **Witter, Raiker**; Fichtner, Maximilian Journal of Physical Chemistry C 2013 / p. 4943 - 4950 <https://doi.org/10.1021/jp3117825> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Narkolast hulpis ilmselt lühikest maad

Punamäe, Sander; **Soomere, Tarmo** Postimees 2017 / lk. 11

Negative group velocity in solids

Tamm, Kert; Peets, Tanel; Engelbrecht, Jüri; Kartofelev, Dmitri Wave motion 2017 / p. 127-138 : ill

<https://doi.org/10.1016/j.wavemoti.2016.04.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Neli veidrat nähtust, mida füüsikud seni seletada ei oska

Kalda, Jaan novaator.err.ee 2018 [Neli veidrat nähtust, mida füüsikud seni seletada ei oska](#)

Neoliberaalne (tagasi)pööre

Karulin, Ott; Lauristin, Marju; Kuurme, Tiiu; **Soomere, Tarmo** Haridus - meie ühine vastutus : Eesti Haridusfoorum 2018-2020 : ettekannete ja artiklite kogumik 2020 / lk. 128-132 https://www.ester.ee/record=b5397258*est

Neoliberaalne (tagasi)pööre

Karulin, Ott; Lauristin, Marju; Kuurme, Tiiu; **Soomere, Tarmo** Sirp 2018 / 1 lk <https://www.sirp.ee/s1-artiklid/c9-sotsiaalia/neoliberaalne-tagasipoore/> https://www.ester.ee/record=b1072938*est

A new low-complexity patch-based image super-resolution

Rasti, Pejman; Nasrollahi, Kamal; **Orlova, Olga; Tamberg, Gert**; Ozcinar, Cagri; Moeslund, Thomas B.; Anbarjafari, Gholamreza IET computer vision 2017 / p. 567-576 : ill <https://doi.org/10.1049/iet-cvi.2016.0463> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nikolai Alumäe - teerajaja ja innustaja

Engelbrecht, Jüri Eesti teaduse 100 aastat 2018 / lk. 131-134 : portr

Nikolai Alumäe pärand Eesti mehaanikateaduses - valitud peatükke koorigute teoorias

Engelbrecht, Jüri; Kutser, Mati Vaateid mehaanikale Eestis : 1918-2018 2019 / lk. 102-112 https://www.ester.ee/record=b5190016*est

Niobium doped TiO2 films by chemical spray pyrolysis [Online resource]

Dündar, Ibrahim; Oja Acik, Ilona; Mere, Arvo; Katerski, Atanas; Krunks, Malle; Mikli, Valdek Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p <http://fmtdk.ut.ee/teesid/>

NMR assignment of methyl groups in immobilized proteins using multiple-bond ¹³C homonuclear transfers, proton detection, and very fast MAS

Paluch, Piotr; Augustyniak, Rafal; **Org, Mai-Liis; Vanatalu, Kalju; Kaldma, Ats; Samoson, Ago**; Stanek, Jan Frontiers in Molecular Biosciences 2022 / Art. 828785 <https://doi.org/10.3389/fmolb.2022.828785> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nonlinear wave interaction for material characterization

Ravasoo, Arvi 4th EUROMECH : Solid Mechanics Conference, Metz, France, June 26-30, 2000 : book of abstracts II, general sessions 2000 / p. 706

Nonlinear waves in continuous media

Engelbrecht, Jüri Encyclopedia of Continuum Mechanics 2018 https://doi.org/10.1007/978-3-662-53605-6_235-1

Nonlinear waves in continuous media

Engelbrecht, Jüri Encyclopedia of Continuum Mechanics 2020 https://doi.org/10.1007/978-3-662-55771-6_235

Non-stationarity of sea level extremes caused by abrupt changes in atmospheric circulation in the Gulf of Riga (Baltic Sea)

Kudryavtseva, Nadezhda; Soomere, Tarmo; Männikus, Rain American Geophysical Union, Fall Meeting 2020 2020 / abstract <https://ui.adsabs.harvard.edu/abs/2020AGUFMNH0380003K/abstract>

Non-stationary analysis of water level extremes in Latvian waters, Baltic Sea, during 1961-2018

Kudryavtseva, Nadezhda; Soomere, Tarmo; Männikus, Rain Natural Hazards and Earth System Sciences 2021 / p. 1279-1296 : ill <https://doi.org/10.5194/nhess-21-1279-2021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Non-Stationary extreme value modeling of trends in extreme water levels in the Gulf of Finland

Kudryavtseva, Nadezhda; Pindsoo, Katri; Soomere, Tarmo From small scales to large scales - The Gulf of Finland Science Days 2017, 9th-10th October 2017, Estonian Academy of Sciences, Tallinn : Oral presentations 2017 / p. 26

Nonstationary modeling of extremes in water levels along the Baltic Sea coast [Online resource]

Kudryavtseva, Nadezhda; Pindsoo, Katri; Soomere, Tarmo 2nd Baltic Earth Conference The Baltic Sea in Transition : Helsingør, Denmark, 11 to 15 June 2018 : conference proceedings 2018 / p. 92-93 : ill https://www.baltic-earth.eu/publications/IBESPublications/No_13_Helsingor_Proceedings/2ndBalticEarthConferenceProceedings_IBESP_No13_web.pdf

Non-stationary modeling of trends in extreme water level changes along the Baltic Sea coast

Kudryavtseva, Nadezhda; Pindsoo, Katri; Soomere, Tarmo Journal of coastal research Proceedings of the 15th International Coastal Symposium, Haeundae, Busan, 13-18 May 2018 2018 / p. 586-590 <https://doi.org/10.2112/SI85-118.1> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Non-stationary modeling reveals strong connection between extreme water level changes and NAO along the Baltic Sea coast

Kudryavtseva, Nadezhda; Soomere, Tarmo Abstracts : [BSSC 2019] 2019 / p. 111 https://www.su.se/polopoly_fs/1.446756.1566224624!/menu/standard/file/abstracts_A5_ny.pdf

Non-supersymmetric SO(10) models with Gauge and Yukawa coupling unification

Djouadi, Abdelhak; Fonseca, Renato; **Ouyang, Ruiwen**; Raidal, Martti The European Physical Journal C 2023 / art. 529, 25 p. : ill <https://doi.org/10.1140/epjc/s10052-023-11696-4>

A note on the cosine operator function for Mellin sampling series

Kivinukk, Andi; **Tamberg, Gert** Sampling theory signal processing and data analysis 2024 / 16 p <https://doi.org/10.1007/s43670-023-00081-7>

Novel lipophilic fluorophores with highly acidity-dependent two-photon response

Rammo, Matt; Trummel, Aleksander; Uudsemaa, Merle; Pahapill, Jüri; Petritsenko, Katrin; Sildoja, Meelis-Mait; Stark, Charles William; Selberg, Sigrid; Leito, Ivo; Palmi, Kristi; Adamson, Jasper; Rebane, Aleksander Chemistry : a European journal 2022 / p. e202103707 <https://doi.org/10.1002/chem.202103707>

Numerical analysis of nonlinear wave propagation = Mittelineaarse lainelevi numbriline analüüs

Ratas, Mart 2020 https://www.eester.ee/record=b5391019*est <https://digikogu.taltech.ee/et/Item/96b84b2f-8dc3-4c25-8c58-a5dde59d14ea>

Numerical simulation of acoustic emission during crack growth in 3-point bending test

Berezovski, Arkadi; Berezovski, Mihhail Structural control & health monitoring 2017 / e1996, p. 1-8 : ill <https://doi.org/10.1002/stc.1996> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Numerical simulation of energy localization in dynamic materials

Berezovski, Mihhail; **Berezovski, Arkadi** Advances in mechanics of microstructured media and structures 2018 / p. 75-83 https://doi.org/10.1007/978-3-319-73694-5_5 [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Numerical simulation of ultrasonic time reversal on defects in carbon fibre reinforced polymer

Lints, Martin; Salupere, Andrus; Dos Santos, Serge Wave motion 2020 / art. 102526, 10 p. : ill <https://doi.org/10.1016/j.wavemoti.2020.102526> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Numerical simulations of wave climate in the Baltic Sea: a review

Soomere, Tarmo Oceanologia 2023 / p. 117-140 <https://doi.org/10.1016/j.oceano.2022.01.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Numerical solution of PDE-s using haar wavelet based methods

Ratas, Mart 24th International Conference on Mathematical Modelling and Analysis : May 28-31, 2019, Tallinn, Estonia : abstracts 2019 / p. 62

Numerical study of propagation ship-induced wave troughs in Venice Lagoon

Parnell, Kevin Ellis; **Soomere, Tarmo**; Zaggia, Luca; **Rodin, Artem** 10th Baltic Sea Science Congress : Science and innovation for

future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 207
http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Närviimpulss ja matemaatika

Engelbrecht, Jüri; Tamm, Kert; Peets, Tanel Horisont 2021 / lk. 48-52 : ill https://www.ester.ee/record=b1072243*est

Observation of band gap fluctuations and carrier localization in Cu₂CdGeSe₄

Krustok, Jüri; Raadik, Taavi; Kaupmees, Reelika; Grossberg, Maarja; Kauk-Kuusik, Marit; Timmo, Kristi; Mere, Arvo Journal of physics D : applied physics 2019 / art. 285102 , 7 p. : ill <https://doi.org/10.1088/1361-6463/ab1afd> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Observation of E8 articles in an Ising chain antiferromagnet

Zhang, Zao; Amelin, Kirill; Wang, Xiao; Zou, Haiyuan; Yang, Jiahao; Nagel, Urmas; Rõõm, Toomas; Dey, Tusharkanti; Nugroho, Agustinus Agung; Lorenz, Thomas; Wu, Jianda; Wang, Zhe Physical review B 2020 / art. 220411, 6 p. : ill <https://doi.org/10.1103/PhysRevB.101.220411>

Observations of Lagrangian transport using a synergy of satellite and in-situ surface drifters in the Baltic Sea for the period 2011-2018

Delpeche-Ellmann, Nicole Camille; Giudici, Andrea; Rätsep, Margus; Soomere, Tarmo; Ellmann, Artu Living Planet Symposium (LPS22) 2022 / 1 p <https://www.lps22.eu/>

Observations of surface drift and effects induced by wind and surface waves in the Baltic Sea for the period 2011–2018

Delpeche-Ellmann, Nicole Camille; Giudici, Andrea; Rätsep, Margus; Soomere, Tarmo Estuarine, coastal and shelf science 2021 / art. 107071, 13 p. : ill., map <https://doi.org/10.1016/j.ecss.2020.107071> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Offshore wind power plant site selection in the Baltic Sea

Barzehkar, Mojtaba; Parnell, Kevin Ellis; Soomere, Tarmo; Koivisto, Matti J. Regional studies in marine science 2024 / art. 103469 <https://doi.org/10.1016/j.rsma.2024.103469> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Olümpiaadiülesanded kui meelelahutus

Kalda, Jaan 200 Eesti füüsikaolümpiaadi ülesannet aastatest 2012-2018 koos vihjete ja lahendustega 2018 / lk. 4-6
https://www.ester.ee/record=b5166456*est <https://digi.lib.ttu.ee/i/?11274>

On an electromagnetic problem in a corner and its applications

Blasten, Emilia; Liu, Hongyu; Xiao, Jingni Analysis & PDE 2021 / p. 2207-2224 <https://doi.org/10.2140/apde.2021.14.2207> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On computing of pulse propagation and reflection in 2d elastic waveguide

Berezovski, Arkadi Engineering mechanics 2019 : International Conference, May 13 – 16, 2019, Svatka, Czech Republic : book of full texts 2019 / p. 49–52 : ill https://www.engmech.cz/improc/2019/007_Berezovski_068.pdf

On corners scattering stably and stable shape determination by a single far-field pattern

Blasten, Emilia Indiana University Mathematics Journal 2021 / p. 907-947 <https://doi.org/10.1512/IUMJ.2021.70.8411> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On endomorphisms of groups of orders 37-47

Leibak, Alar; Puusepp, Peeter Proceedings of the Estonian Academy of Sciences 2017 / p. 137-150
<https://doi.org/10.3176/proc.2017.2.04> http://www.ester.ee/record=b2355998*est https://artikliid.elnet.ee/record=b2820926*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On flatness of discrete-time nonlinear systems

Kaldmäe, Arvo; Kotta, Ülle 9th IFAC Symposium on Nonlinear Control Systems 2013 : Toulouse, France, 4 - 6 September 2013 2013 / p. 588 - 593 <https://doi.org/10.3182/20130904-3-FR-2041.00017> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

On generalized Blackman-Harris sampling operators

Tamberg, Gert; Graf, Olga Sampling Theory and Applications 2017 : 12th International Conference : Tallinn, Estonia, July 3-7 : program and abstracts 2017 / p. 49

On generalized Blackman-Harris sampling operators [Electronic resource]

Tamberg, Gert; Orlova, Olga 2017 International Conference on Sampling Theory and Applications (SampTA) : 12th International Conference : Tallinn, Estonia, July 3-7 : [abstracts] 2017 / p. 50. [USB]

On generalized Blackman-Harris sampling operators [Online resource]

Graf, Olga; Tamberg, Gert 2017 International Conference on Sampling Theory and Applications (SampTA) : 12th International Conference : Tallinn, Estonia, July 3-7 : [proceedings] 2017 / p. 418-421 <https://doi.org/10.1109/SAMPTA.2017.8024377>

On generalized Shannon sampling operators in the cosine operator function framework

Kivinukk, Andi; **Tamberg, Gert** Sampling, approximation, and signal analysis : harmonic analysis in the spirit of J. Rowland Higgins 2023 / p. 39-68 https://doi.org/10.1007/978-3-031-41130-4_3

On integrability of observable space for discrete-time analytic systems

Kawano, Yu; **Kotta, Ülle** 2015 54th IEEE Conference on Decision and Control (CDC) : date: 15-18 Dec. 2015 2015 / p. 7137 - 7142 <https://doi.org/10.1109/CDC.2015.7403345> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

On mathematical modeling of the propagation of a wave ensemble within an individual axon

Peets, Tanel; Tamm, Kert; Engelbrecht, Jüri Frontiers in cellular neuroscience 2023 / art. 1222785 <https://doi.org/10.3389/fncel.2023.1222785> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On mechanisms of electromechanophysiological interactions between the components of signals in axons

Engelbrecht, Jüri; Tamm, Kert; Peets, Tanel Proceedings of the Estonian Academy of Sciences 2020 / p. 81–96 : ill <https://doi.org/10.3176/proc.2020.2.03> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On nonlinear waves in media with complex properties

Engelbrecht, Jüri; Salupere, Andrus; Berezovski, Arkadi; Peets, Tanel; Tamm, Kert Generalized models and non-classical approaches in complex materials ; 1 2018 / p. 275-286 https://doi.org/10.1007/978-3-319-72440-9_13 [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On Pisot units and the fundamental domain of Galois extensions of $\mathbb{Q}$

Porter, Christian; **Leibak, Alar** Journal of algebra 2025 / p. 288-306 <https://doi.org/10.1016/j.jalgebra.2024.07.041>

On pulse propagation in porous visco-elastic felt-like material

Kartofelev, Dmitri; Vuin, Maria Miranda Symposium on the Acoustics of Poro-Elastic Materials 2023 / 46 p. : ill https://sapem2023.matelys.com/proceedings/Kartofelev_etal_SAPem2023.pdf

On solitonic solutions for the hyperelastic rod equation

Salupere, Andrus; Rätsep, Margus Wave motion 2019 / 8 p <https://doi.org/10.1016/j.wavemoti.2019.102404> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On solutions of a Boussinesq-type equation with displacement-dependent nonlinearities : the case of biomembranes

Engelbrecht, Jüri; Tamm, Kert; Peets, Tanel Philosophical magazine 2017 / p. 967-987 : ill <https://doi.org/10.1080/14786435.2017.1283070> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On solutions of a Boussinesq-type equation with displacement-dependent nonlinearity: A soliton doublet to the memory of Alexander Samsonov

Peets, Tanel; Tamm, Kert; Simson, Päivo; Engelbrecht, Jüri Wave motion 2019 / p. 10-17 <https://doi.org/10.1016/j.wavemoti.2018.11.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On some norms and approximation properties of Kantorovich-type sampling operators

Graf, Olga; **Tamberg, Gert** 2019 International Conference on Sampling Theory and Applications (SampTA) : 13th International Conference : Bordeaux, France, July 8-12, 2019 : [proceedings] 2019 / 4 p <https://sampta2019.sciencesconf.org/browse/author?authorid=715157>

On statistical conservation laws in smooth chaotic velocity fields

Ainsaar, Siim; **Kalda, Jaan; Kree, Mihkel** Bulletin of the American Physical Society 2017 <http://meetings.aps.org/Meeting/DFD17/Session/L29.11>

On statistical topography of self-affine sets = Eneseafinsete hulkade statistilise topograafiast

Mandre, Marek 2019 <https://digi.lib.ttu.ee/?11232>

On the application of 2D discrete spectral analysis in case of the KP equation

Salupere, Andrus; Ratas, Mart Mechanics research communications 2018 / p. 141-147 : ill <https://doi.org/10.1016/j.mechrescom.2017.08.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On the complexity of signal propagation in nerve fibres

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

On the endomorphism semigroup of a multiple wreath product of groups

Puusemp, Peeter Communications in algebra 2017 / p. 247-261 <https://doi.org/10.1080/00927872.2016.1206340> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On the fracture mechanics of prince Rupert's Drops

Aben, Hillar; Anton, Johan; Peterson, Pearu; Õis, Marella Proceedings of the First International Conference on Theoretical, Applied and Experimental Mechanics : ICTAEM 2018 : conference proceedings 2019 / p. 158-160 https://doi.org/10.1007/978-3-319-91989-8_36

On the limits to development in technology and knowledge

Engelbrecht, Jüri Eruditio 2020 / p. 56-66 <http://www.worldacademy.org/eruditio/files/vol2issue6/Eruditio-V2-I6.pdf>

On the modeling of microstructure influence

Berezovski, Arkadi Proceedings of 8th GACM Colloquium on Computational Mechanics For Young Scientists From Academia and Industry August 28th-30th, 2019 University of Kassel, Germany 2019 / p. 15–18 <https://doi.org/10.19211/KUP9783737650939>

On the number of factorizations of $t \bmod N$ and the probability distribution of Diffie-Hellman secret keys for many users

Leibak, Alar Advances in mathematics of communications 2023 / p. 920-927 <https://doi.org/10.3934/amc.2021029> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On the phenomenological modelling of physical phenomena

Engelbrecht, Jüri; Tamm, Kert; Peets, Tanel Proceedings of the Estonian Academy of Sciences 2024 / p. 264-278 : ill <https://doi.org/10.3176/proc.2024.3.10>

On the physical background of nerve pulse propagation : heat and energy

Engelbrecht, Jüri; Tamm, Kert; Peets, Tanel Journal of non-equilibrium thermodynamics 2021 / p. 343-353 : ill <https://doi.org/10.1515/jnet-2021-0007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On the proper choice of tools for the projections of extreme water levels in the Baltic Sea

Pindsoo, Katri; Eelsalu, Maris; Soomere, Tarmo 7th IEEE/OES Baltic Symposium Clean and Safe Baltic Sea and Energy Security for the Baltic countries : abstract book : 12–15 June 2018 Klaipėda, Lithuania 2018 / p. 52 http://balticvalley.lt/baltic2018/wp-content/uploads/2018/06/abstract-book_7th_Baltic-Symposium_20180528.pdf

On the properties of forward and backward shifts of vector fields

Kaldmäe, Arvo; Kaparin, Vadim; Kotta, Ülle; Mullari, Tanel; Pawluszewicz, Ewa Proceedings of the Estonian Academy of Sciences 2022 / p. 314-325 <https://doi.org/10.3176/proc.2022.4.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On the role of nonlinearities in the Boussinesq-type wave equations

Peets, Tanel; Tamm, Kert; Engelbrecht, Jüri Wave motion 2017 / p. 113-119 : ill <https://doi.org/10.1016/j.wavemoti.2016.04.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On the water level measurements in the Gulf of Riga during 1961-2016 [Online resource]

Männikus, Rain; Soomere, Tarmo; Kudryavtseva, Nadezhda 2nd Baltic Earth Conference The Baltic Sea in Transition : Helsingør, Denmark, 11 to 15 June 2018 : conference proceedings 2018 / p. 130-131 : ill https://www.baltic-earth.eu/publications/IBESPublications/No_13_Helsingor_Proceedings/2ndBalticEarthConferenceProceedings_IBESP_No13_web.pdf

On the wave dispersion in microstructured solids

Berezovski, Arkadi; Yildizdag, M. Erden; Scerrato, Daria Continuum mechanics and thermodynamics 2020 / p. 569-588 <https://doi.org/10.1007/s00161-018-0683-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

One-dimensional microelasticity

Berezovski, Arkadi; Ván, Peter Internal variables in thermoelasticity 2017 / p. 99-111 https://doi.org/10.1007/978-3-319-56934-5_7 [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

One-dimensional thermoelasticity with dual internal variables

Berezovski, Arkadi; Ván, Peter Internal variables in thermoelasticity 2017 / p. 147-162 https://doi.org/10.1007/978-3-319-56934-5_11 [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

On-off-on control of molecular inversion symmetry via multi-stage protonation : elucidating vibronic laporte rule

Stark, Charles William; Rammo, Matt; Trummel, Aleksander; Uudsemaa, Merle; Pahapill, Jüri; Sildoja, Meelis-Mait; Tshepelevitsh, Sofija; Leito, Ivo; Young, David C.; Szymanski, Bartosz; Vakuliuk, Olena; Gryko, Daniel T.; Rebane, Aleksander Angewandte Chemie international edition 2022 / p. e202212581 <https://doi.org/10.1002/anie.202212581>

Ontogeny of cardiomyocytes : ultrastructure optimization to meet the demand for tight communication in excitation–contraction coupling and energy transfer

Birkedal Nielsen, Rikke; Laasmaa, Martin; Branovets, Jelena; Vendelin, Marko Philosophical Transactions of the Royal Society B : Biological Sciences 2022 / art. 20210321 <https://doi.org/10.1098/rstb.2021.0321> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ontology-based integration of software artefacts for DSL development

Haav, Hele-Mai; Ojamaa, Andres; Grigorenko, Pavel; Kotkas, Vahur On the Move to Meaningful Internet Systems: OTM 2015 Workshops/Confederated International Workshops: OTM Academy, OTM Industry Case Studies Program, EI2N, FBM, INBAST, ISDE, META4eS, and MSC 2015, Rhodes, Greece, October 26-30, 2015. Proceedings 2015 / p. 309 - 318 https://doi.org/10.1007/978-3-319-26138-6_34 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

OpenFOAM simulation of fiber concrete flow

Herrmann, Heiko 82nd International Scientific Conference of the University of Latvia : Use of High Performance Computing in Numerical Simulations : Book of Abstracts 2024 / p. 10 <https://doi.org/10.22364/luszk.82.hpc.ab>

Optimistliku tehnokraadi õhtuõpik

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 180-182 https://www.ester.ee/record=b5521198*est
<https://kultuur.postimees.ee/4433457/optimistliku-tehnokraadi-ohuopik>

Optimistliku tehnokraadi õhtuõpik

Soomere, Tarmo Postimees 2018 / AK, lk. 11 <https://kultuur.postimees.ee/4433457/optimistliku-tehnokraadi-ohuopik> [Postimees](#)

Origin of photoluminescence from antimony selenide

Grossberg, Maarja; Volobujeva, Olga; Penežko, Aleksei; Kaupmees, Reelika; Raadik, Taavi; Krustok, Jüri Journal of alloys and compounds 2020 / art. 152716, 5 p. : ill <https://doi.org/10.1016/j.jallcom.2019.152716> [Journal metrics at Scopus](#) [Article at Scopus](#)
[Journal metrics at WOS](#) [Article at WOS](#)

Paide gümnaasistide teadussaade sai avalikuks

Kalda, Jaan jarvateataja.postimees.ee 2024 [Paide gümnaasistide teadussaade sai avalikuks](#)

“Panin kitarri kõrvale ja õppisin terve talvevaheaja!” Noor muusik Laurits Tani meenutab teekonda tippteadusesse

Tani, Laurits digi.geenius.ee 2024 [“Panin kitarri kõrvale ja õppisin terve talvevaheaja!” Noor muusik Laurits Tani meenutab teekonda tippteadusesse](#)

Parahydrogen hyperpolarization of minimally altered urine samples for sensitivity enhanced NMR metabolomics

Ausmees, Kerti; Reimets, Nele; Reile, Indrek Chemical communications 2022 / p. 463-466 <https://doi.org/10.1039/d1cc05665d>

Parim kaitse maailma vastu on selle põhjalik tundmine

Soomere, Tarmo Sirp 2018 / lk. 34-35 : ill https://www.ester.ee/record=b1072938*est <https://sirp.ee/s1-artiklid/c21-teadus/parim-kaitse-maailma-vastu-on-selle-pohjalik-tundmine/>

Parim kaitse maailma vastu on selle põhjalik tundmine

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 117-121 https://www.ester.ee/record=b5521198*est
<https://sirp.ee/s1-artiklid/c21-teadus/parim-kaitse-maailma-vastu-on-selle-pohjalik-tundmine/>

Patchiness of the sea surface under the combined effects of winds and currents

Giudici, Andrea; Soomere, Tarmo; Kalda, Jaan From small scales to large scales - The Gulf of Finland Science Days 2017, 9th-10th October 2017, Estonian Academy of Sciences, Tallinn : Oral presentations 2017 / p. 20
https://www.etis.ee/File/DownloadPublic/ebda3e4a-2eb0-4f26-971f-f16046bc0bed?name=TheGulfOfFinlandScienceDays_2017.pdf&type=application%2Fpdf

Pealelend : [Euroopa Teaduste Akadeemiate Föderatsioon visioonidokumendist]

Soomere, Tarmo Sirp 2020 / lk. 22 : portr <https://www.sirp.ee/s1-artiklid/c21-teadus/pealelend-tarmo-soomere-eesti-teaduste-akadeemia-president-2/> https://www.ester.ee/record=b1072938*est

Peapiiskop tänas kirikute niiskusprobleemi lahendada aidanud teadlasi

Alvela, Ain Lääne Elu 2023 [Peapiiskop tänas kirikute niiskusprobleemi lahendada aidanud teadlasi](#)

Peegeldusi teadusmaastikult : kogutud kirjutised alates 2017

Engelbrecht, Jüri 2023 https://www.ester.ee/record=b5572669*est

Performance of sentinel-3 and CryoSat-2 altimetry in the coastal regions of the Baltic Sea ; S6-P2

Birgiel, Elzbieta; Ellmann, Artu; Delpeche-Ellmann, Nicole Camille International Symposium Gravity, Geoid and Height Systems 2 : GGHS2018 : “Gravity Field Of The Earth” : The 2nd joint meeting of the International Gravity Field Service and Commission 2 of the International Association of Geodesy, Copenhagen, Denmark, Sept. 17-21, 2018 : abstract book 2018 / p. 143-144

Performance of sentinel-3A SAR altimetry retracers: The SAMOSA coastal sea surface heights for the Baltic Sea

Birgiel, Elzbieta; Ellmann, Artu; Delpeche-Ellmann, Nicole Camille Fiducial Reference Measurements for Altimetry : Proceedings of the International Review Workshop on Satellite Altimetry Cal/Val Activities and Applications 2020 / p. 23-32
https://doi.org/10.1007/1345_2019_59

Perifeeriast on saanud väärtuste heitluse eesliin

Soomere, Tarmo Postimees 2024 <https://dea.digar.ee/article/postimees/2024/02/03/10.3>

Persistence of debris accumulation in tidal estuaries using Lagrangian coherent structures

Ghosh, Anusmriti; Suara, Kabir Adewale; McCue, Scott W.; Yu, Yingying; **Soomere, Tarmo**; Brown, Richard J. The science of the total environment 2021 / art. 146808, 12 p. : ill <https://doi.org/10.1016/j.scitotenv.2021.146808> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Persoon : Jaan Kalda

Kalda, Jaan Studioosus 2019 / lk. 6-9 : fot https://www.ester.ee/record=b1558644*est

Petri võrkude ja Q-mudeli võrdlus : magistritöö

Tekko, Jaanus 1994 https://www.ester.ee/record=b4610164*est

Photoluminescence and AFM study of WS2 monolayers

Kaupmees, Reelika; Madauß, Lukas; Pollmann, Erik; **Grossberg, Maarja**; **Krustok, Jüri** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 41 <http://fntdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

Photoluminescence study of B-trion in CVD grown MoS2 monolayers [Online resource]

Kaupmees, Reelika; **Krustok, Jüri** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märtsil 2018, Tallinn : teesid] GSFMT Scientific Conference 2018 : Tallinn, March 7-8, 2018 : abstracts 2018 / 1 p. : ill <http://fntdk.ut.ee/teesid-2018/>

Photoluminescence study of B-trions in MoS2 monolayers with high density of defects

Kaupmees, Reelika; Komsa, Hannu-Pekka; **Krustok, Jüri** Physica status solidi (b) 2019 / art. 1800384, 5 p. : ill <https://doi.org/10.1002/pssb.201800384> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Physics shapes signals in nerves

Engelbrecht, Jüri; Tamm, Kert; **Peets, Tanel** The European Physical Journal Plus 2022 / art. 696 <https://doi.org/10.1140/epjp/s13360-022-02883-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Piirid mitmest vaatenurgast

Engelbrecht, Jüri Akadeemia 2022 / lk. 120-133 https://www.ester.ee/record=b1071914*est

A PL and PLE study of high Cu content Cu2ZnSnSe4 films on Mo/Glass and solar cells

Sulimov, Mikhail A.; Yakushev, Michael V.; Forbes, I.; Prieto, J.M.; **Krustok, Jüri**; Edwards, P. R.; Martin, R.W. Physics of the solid state 2019 / p. 908-917 <https://doi.org/10.1134/S1063783419050214> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Planeedid ja jumalad

Mars, Mario Minu Maailm 2017 / lk. 20-21 : ill http://www.ester.ee/record=b3033179*est

A planetary momentum: asymmetric shocks, global preparedness for change and the rise of a new paradigm

Šlaus, Ivo; Brunnhuber, Stefan; **Engelbrecht, Jüri**; Jacobs, Garry; Kiniger-Passigli, Donato; Reuter, Thomas; Zucconi, Alberto WAAS newsletter 2020 <http://worldacademy.org/files/Newsletters/April2020-1.pdf> <http://www.worldacademy.org/newsletter/19-april-2020>

Poolsumnud kassist rehepäpliku deemonini

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 34-39 https://www.ester.ee/record=b5521198*est

Poolsumnud kassist rehepäpliku deemonini

Soomere, Tarmo Postimees 2019 / AK, lk. 7 [Tarmo Soomere: poolsumnud kassist rehepäpliku deemonini ehk kas saame elada poolsuletud süsteemis?](#)

Possible presence of shear instabilities at steep slopes during an upwelling event in the Gulf of Finland, Baltic Sea

Delpeche-Ellmann, Nicole Camille; **Soomere, Tarmo** Journal of coastal research Proceedings of the 15th International Coastal Symposium, Haeundae, Busan, 13-18 May 2018 2018 / p. 481–485 <https://doi.org/10.2112/SI85-097.1> <https://www.jcronline.org/doi/abs/10.2112/SI85-097.1> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Post deposition annealing effect on properties of CdS films and its impact on CdS/Sb2Se3 solar cells performance

Gopi, Sajeesh Vadakkedath; **Spalatu, Nicolae**; Basnayaka, Madhawa; Krautmann, Robert; Katerski, Atanas; Josepson, Raavo; Grzibovskis, Raitis; Vembris, Aivars; **Krunks, Malle**; **Oja Acik, Ilona** Frontiers in Energy Research 2023 / art. 1162576, 12 p <https://doi.org/10.3389/fenrg.2023.1162576> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Postdeposition processing of SnS thin films and solar cells : prospective strategy to obtain large, sintered, and doped SnS grains by recrystallization in the presence of a metal halide flux

Spalatu, Nicolae; Hiie, Jaan; **Kaupmees, Reelika**; Volobujeva, Olga; **Krustok, Jüri**; **Oja Acik, Ilona**; **Krunks, Malle** ACS applied materials & interfaces 2019 / p. 17539–17554 : ill <https://doi.org/10.1021/acsami.9b03213> [Journal metrics at Scopus](#) [Article at](#)

Post-deposition thermal treatment of sprayed SnS films

Polivtseva, Svetlana; Katerski, Atanas; Kärber, Erki; Oja Acik, Ilona; Mere, Arvo; Mikli, Valdek; Krunks, Malle Thin solid films 2017 / p. 179-184 : ill <https://doi.org/10.1016/j.tsf.2017.01.014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Post-deposition thermal treatment of sprayed SnS films [Online resource]

Polivtseva, Svetlana; Katerski, Atanas; Kärber, Erki; Oja Acik, Ilona; Mere, Arvo; Mikli, Valdek; Krunks, Malle Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p <http://fntdk.ut.ee/teesid/>

Postimehe analüüs: see ei lõppe veel niipea

Maran, Kaur Postimees 2020 / Lk. 14-15 : ill https://www.ester.ee/record=b1072778*est [Postimehe analüüs: see ei lõppe veel niipea](#)

Postimehe ja Eesti Teaduste Akadeemia nõukoda

Aavik, Marti Postimees 2021 / lk. 7 <https://dea.digar.ee/article/ak/2021/01/09/2.15>

The potential of SWOT altimetry data for validating the accuracy of marine geoidmodels in the Baltic Sea

Kupavõh, Aleksei; Ellmann, Artu; Delpeche-Ellmann, Nicole Camille; Varbla, Sander GGHS2024 : Gravity, Geoid and Height Systems : Book of Abstracts 2024 / p. 18-19 <https://www.gghs2024.com/appsfiles/go/boa/Book-of-Abstracts.pdf?v=1725460868>

Praha 1968 ja tänapäev

Engelbrecht, Jüri Tuna 2018 / lk. 2-7 <http://www.ra.ee/tuna/praha-1968-ja-tanapaev/> https://www.ester.ee/record=b1189474*est

Preface

Berezovski, Arkadi; Soomere, Tarmo Applied wave mathematics II : selected topics in solids, fluids, and mathematical methods and complexity 2019 / p. VII-XI <https://doi.org/10.1007/978-3-030-29951-4> https://www.ester.ee/record=b5303400*est

Preface

Herrmann, Heiko; Schnell, Jürgen Short fibre reinforced cementitious composites and ceramics 2019 / p. v-vi <https://doi.org/10.1007/978-3-030-00868-0> [Article collection metrics at Scopus](#) [Article at Scopus](#)

Preface

Engelbrecht, Jüri A Journey into the Nonlinear World 2024 / p. IX-X https://www.ester.ee/record=b5733742*est <https://doi.org/10.1007/978-3-031-63922-7>

Preface

Matthes, Ralph; **Uustalu, Tarmo** RAIRO - Theoretical Informatics and Applications 2013 / p. 1-2 <https://doi.org/10.1051/ita/2012026> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Preface "Sea hazards"

Pelinovsky, Efim N.; **Didenkulova, Ira;** Méndez, Fernando J.; Rybski, Diego; Tinti, Stefano Natural Hazards and Earth System Science 2013 / p. 1063 - 1067 <https://doi.org/10.5194/nhess-13-1063-2013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Preparation of SFRC testing specimen simulated by CFD

Goidyk, Oksana; Heinštein, Mark; Herrmann, Heiko Proceedings of Cement Based Composites Congress 2022 / p. 56-63

Presidendi kokkuvõtte akadeemia tegevusest 2019. aastal

Soomere, Tarmo Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2020 2021 / lk. 30-34 https://www.ester.ee/record=b1218094*est

Presidendikandidaat Tarmo Soomere programmline ettekanne 25. septembri [Eesti TA] üldkogul

Soomere, Tarmo Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2019 2020 / lk. 87-93 https://www.ester.ee/record=b1218094*est

President kui ülikooli rektor

Samoson, Ago Postimees 2021 / Lk. 13 <https://dea.digar.ee/article/postimees/2021/06/14/12.7>

President Tarmo Soomere avasõna [Eesti TA üldkogu aastakoosolekul 24. aprillil 2019]

Soomere, Tarmo Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2019 2020 / lk. 77-78 https://www.ester.ee/record=b1218094*est

President Tarmo Soomere avasõna [ja] lõppsõna [Eesti TA üldkogu istungil 5. detsembril 2018]

Soomere, Tarmo Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2018

President Tarmo Soomere avasõnad üliõpilaste teadustööde riikliku konkursi pidulikul lõpuüritusel

Soomere, Tarmo Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2016 2017 / lk. 91-94
http://www.ester.ee/record=b1218094*est

President Tarmo Soomere jõulutervitus [Võrguväljaanne]

Soomere, Tarmo Eesti Teaduste Akadeemia : Youtube kanal 2019 / video [President Tarmo Soomere jõulutervitus](#)

President Tarmo Soomere kõne üliõpilaste teadustööde riikliku konkursi pidulikul lõpuüritusel

Soomere, Tarmo Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2017 2018 / lk. 91-94

President Tarmo Soomere lõppsõna akadeemia üldkogu istungil 4. detsembril 2019

Soomere, Tarmo Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2019 2020 / lk. 93 https://www.ester.ee/record=b1218094*est

President Tarmo Soomere lõppsõna [Eesti TA üldkogu aastakoosolekul 20. apr. 2018]

Soomere, Tarmo Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2018 2019 / lk. 48-49

President Tarmo Soomere's speech at the award ceremony of the L'Oréal-UNESCO Baltic fellowships

Soomere, Tarmo Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2017 2018 / p. 115-117
https://www.ester.ee/record=b1874722*est

Prints Ruperti pisarate müsteeriumi lahendamine : ühe teadusprojekti lugu

Õis, Marella; Anton, Johan; Aben, Hillar Horisont 2017 / lk. 32-35 : fot http://www.ester.ee/record=b1072243*est
https://artiklid.elnet.ee/record=b2819551*est

Probing supermassive black hole seed scenarios with gravitational-wave measurements

Ellis, John; Fairbairn, Malcolm; **Urrutia, Juan**; Vaskonen, Ville The astrophysical journal 2024 / 7 p <https://doi.org/10.3847/1538-4357/ad27d5>

Proceedings of the Estonian Academy of Sciences celebrates volume 70

Järv, Jaak; **Engelbrecht, Jüri** Proceedings of the Estonian Academy of Sciences 2021 / p. 1-2 : phot
<https://doi.org/10.3176/proc.2021.1.05> https://kirj.ee/wp-content/plugins/kirj/pub/proc-1-2021-1-2_20210218113638.pdf

Prolonged β -adrenergic stimulation disperses ryanodine receptor clusters in cardiomyocytes and has implications for heart failure

Shen, Xin; Brink, J.W.van den; Bergan-Dahl, Anna; Kolstad, Terje R.; Norden, Einar S.; Hou, Yufeng; **Laasmaa, Martin**; Aguilar-Sanchez, Yuriana; Quick, Ann P.; Espe, Emil K. S. eLife 2022 / art. e77725 <https://doi.org/10.7554/eLife.77725>

Propagation of bankruptcy risk over scale-free economic networks

Andria, Joseph; di Tollo, Giacomo; **Kalda, Jaan** Entropy 2022 / art. 1713 <https://doi.org/10.3390/e24121713> [Journal metrics at Scopus](#)
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Propagation regimes and populations of internal waves in the Mediterranean Sea basin

Kurkina, Oxana; Rouvinskaya, Ekaterina; Talipova, Tatyana; **Soomere, Tarmo** Estuarine, coastal and shelf science 2017 / p. 44-54 : ill <https://doi.org/10.1016/j.ecss.2016.12.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Properties of in-situ Lagrangian surface drifters and the relationship with Stokes drift in the Baltic Sea

Delpeche-Ellmann, Nicole Camille; Giudici, Andrea Journal of coastal research 2024 / p. 417-421 <https://doi.org/10.2112/JCR-SI113-082.1>

Properties of retted hemp fibres for reinforcement of composites

Marrot, Laetitia; **Alao, Percy Festus; Kallakas, Heikko; Poltimäe, Triinu; Kers, Jaan; Mikli, Valdek; Mere, Arvo** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 13 : ill <http://fmt.dk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

Prospects for future binary black hole gravitational wave studies in light of PTA measurements

Ellis, John; Fairbairn, Malcolm; Hütsi, Gert; Raidal, Martti; **Urrutia Perez, Juan**; Vaskonen, Ville; Veermäe, Hardi Astronomy and astrophysics 2023 / art. A38 <https://doi.org/10.1051/0004-6361/202346268> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Puhtast matemaatikast vinge tooteni on vaid kuus kukesammu

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 294-297 https://www.ester.ee/record=b5521198*est [tarmo-soomere-puhtast-matemaatikast-vinge-tooteni-on-vaid-kuus-kukesammu](#) https://www.ester.ee/record=b1218094*est

Puidu väärindamise piiratud valikud

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 106-113 https://www.ester.ee/record=b5521198*est

Puidu väärindamise valikud

Soomere, Tarmo Postimees 2018 / lk. 18 [Teaduste Akadeemia soovitus: moodne puidutöötlemise tehas on vajalik, kui me ei taha oma rikkust teistele kinkida](#)

Puidust tehtud elektri peidetud väärtus

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 212-214 <https://dea.digar.ee/article/postimees/2022/02/05/12.4>
https://www.ester.ee/record=b5521198*est

Puidust tehtud elektri peidetud väärtus

Soomere, Tarmo Postimees 2022 / Lk. 8 <https://dea.digar.ee/article/postimees/2022/02/05/12.4>

Põhikooli lõpetajale matemaatika lõpueksamist 2017

Uudelepp, Helgi 2017 http://www.ester.ee/record=b1614819*est

Põhikooli lõpetajale matemaatika lõpueksamist 2018

Uudelepp, Helgi; Lõhmus, Ahto 2018 http://www.ester.ee/record=b1614819*est

Põlevkivi kvaliteeti saab kiiresti hinnata

Imeline Teadus 2023 / lk. 20 : fot https://www.ester.ee/record=b2747925*est

Põlvamaa õpetajad teenisid välja kaks medalit

postimees.ee 2024 [Põlvamaa õpetajad teenisid välja kaks medalit](#)

Pöördülesanne tuletise järgu ja allikafunktsiooni määramiseks murrulise tuletisega difusioonivõrrandis lõpphetkel tehtud mõõtmiste põhjal

Janno, Jaan; Kinash, Nataliia Aastaraamat 2017 / Eesti Matemaatika Selts 2018 / lk. 54-68 https://www.ester.ee/record=b1226018*est

Püha aeg füüsikas

Kalda, Jaan Täheenduse Teejuhid 2021 / Lk. 8 https://www.ester.ee/record=b5382179*est

Pyrite as prospective absorber material for monograin layer solar cell

Kristmann, Katriin; Altosaar, Mare; Raudoja, Jaan; Krustok, Jüri; Pilvet, Maris; Mikli, Valdek; Grossberg, Maarja; Danilson, Mati; Raadik, Taavi Thin Solid Films 2022 / art. 139068 : ill <https://doi.org/10.1016/j.tsf.2021.139068> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Pyrite as prospective monograin layer solar cell absorber material for in-situ solar cell fabrication on the Moon

Kristmann, Katriin; Raadik, Taavi; Altosaar, Mare; Grossberg, Maarja; Krustok, Jüri; Pilvet, Maris; Mikli, Valdek; Kauk-Kuusik, Marit IAC 2021 congress proceedings 2021 / p. 1-6 : ill <https://deepzone3.ttu.ee/~juri.krustok/PDF-s/IAC-21.C3.4.7.x64087.pdf>
[Conference Proceedings at Scopus](#) [Article at Scopus](#)

Quantification of hydrodynamic model sea level bias utilizing deep learning and synergistic integration of data sources

Jahanmard, Vahidreza; Hordoir, Robinson; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu Ocean modelling 2023 / art. 102286 : ill., map <https://doi.org/10.1016/j.ocemod.2023.102286> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Quantification of longshore sediment transport and compartments in urban areas : a case study of shores of Tallinn, the Baltic Sea

Eelsalu, Maris; Viigand, Katri Regional studies in marine science 2023 / art. 103199 <https://doi.org/10.1016/j.rsma.2023.103199>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Quantification of the changes in sediment volume in a small beach applying laser scanning technology

Eelsalu, Maris; Soomere, Tarmo; Julge, Kalev; Grünthal, Erko 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 197
http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Quantification of the impact of vessel wakes on a shinglegravel beach

Pindsoo, Katri; Soomere, Tarmo; Eelsalu, Maris; Tõnisson, Hannes 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 201
http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Quantification of the impact of wind for optimising fairways in the Gulf of Finland

Viikmäe, Bert; Soomere, Tarmo; Torsvik, Tomas 10th Baltic Sea Science Congress : Science and innovation for future of the

Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 151 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Quantification of the reaction of Estonian beaches to changing wave loads = Eesti rannikute reaktsioon muutuvatele lainekoormustele

Eelsalu, Maris 2020 https://www.ester.ee/record=b5368081*est <https://digikogu.taltech.ee/et/Item/f73e001a-2f7c-4832-a4b0-ea10a4894ab6>

Quantum dynamics of noble gas atoms and methane in the molecular cavity of fullerene : terahertz spectroscopy study = Väärisgaasi aatomite ja metaani kvantdünaamika fullereeni molekulaarses õõnsuses : terahertsspektroskoopia uurimus

Jafari, Tanzeeha 2025 <https://digikogu.taltech.ee/et/Item/33879cfc-2e32-4b05-bdbc-86e033784086> <https://doi.org/10.23658/taltech.6/2025> https://www.ester.ee/record=b5728363*est

Quartic polynomial approximation for fluctuations of separation of trajectories in chaos and correlation dimension

Fouxon, Itzhak; Ainsaar, Siim; Kalda, Jaan Journal of Statistical Mechanics : Theory and Experiment 2019 / art. 083211, 26 p

<https://doi.org/10.1088/1742-5468/ab3458> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Quotienting the delay monad by weak bisimilarity

Chapman, James; Uustalu, Tarmo; Veltri, Niccolò Theoretical Aspects of Computing - ICTAC 2015 : 12th International

Colloquium, Cali, Colombia, October 29-31, 2015, Proceedings 2015 / p. 110 - 125 https://doi.org/10.1007/978-3-319-25150-9_8

[Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Raalprojekteerimise meistriklasi maestro akadeemik Rein Küttner 25. XI 1940 – 15. XI 2024

Soomere, Tarmo Sirp 2024 / lk. 38 <https://www.sirp.ee/s1-artiklid/c21-teadus/raalprojekteerimise-meistriklasi-maestro/>

Radiative recombination pathways in ordered and disordered CZTSe microcrystals

Mengü, Idil; Krustok, Jüri; Kaupmees, Reelika; Mikli, Valdek; Kauk-Kuusik, Marit; Grossberg-Kuusk, Maarja Materials

chemistry and physics 2023 / art. 127685 <https://doi.org/10.1016/j.matchemphys.2023.127685> [Journal metrics at Scopus](#) [Article at](#)

[Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Rahu tuleb nüüd kahjuks alles pärast sõda

Soomere, Tarmo Eesti Teaduste Akadeemia sõnas ja pildis 2022 2023 / lk. 4-7 : ill https://www.ester.ee/record=b5054043*est

Rahu tuleb nüüd kahjuks alles pärast sõda

Soomere, Tarmo Sirp 2023 / lk. 34-35 : ill <https://www.sirp.ee/s1-artiklid/c21-teadus/rahu-tuleb-nuud-kahjuks-alles-parast-soda/>

Rahvusülikool ehk oksüümoron kuubis

Soomere, Tarmo Universitas Tartuensis : UT : Tartu Ülikooli ajakiri 2019 / lk. 12-13 : portr https://www.ester.ee/record=b2459950*est

Rahvusülikool, ehk, Oksüümoron kuubis

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 185-187 https://www.ester.ee/record=b5521198*est

https://www.ester.ee/record=b2459950*est

Rannad tahavad vabalt hingata

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 122-124 https://www.ester.ee/record=b5521198*est

<https://dea.digar.ee/article/postimees/2021/12/14/13.4>

Rannad tahavad vabalt hingata

Soomere, Tarmo; Parnell, Kevin Ellis Postimees 2021 / Lk. 15 <https://dea.digar.ee/article/postimees/2021/12/14/13.4>

Ranniku õiguste nõidus

Soomere, Tarmo Postimees 2021 / Lk. 8 <https://dea.digar.ee/article/postimees/2021/12/11/12.4>

Ranniku õiguste nõidus

Soomere, Tarmo Eesti Teaduste Akadeemia sõnas ja pildis 2021 2022 / lk. 105 https://www.ester.ee/record=b5054043*est

Ranniku õiguste nõidus

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 245-247 https://www.ester.ee/record=b5521198*est

https://www.ester.ee/record=b5054043*est <https://dea.digar.ee/article/postimees/2021/12/11/12.4>

Rapidly transforming Holocene strandplain, affected by port jetty and hydroclimatic shifts – natural laboratory of past and future shoreline behavior

Tönisson, Hannes; Luik, Katre; Suursaar, Ülo; Buynevich, Ilya; Kont, Are; Männikus, Rain; Ravis, Reimo; Suuroja, Sten; Vilumaa,

Kadri Journal of coastal research 2024 / p. 715–719 <https://doi.org/10.2112/JCR-S1113-141.1>

Rat and mouse cardiomyocytes show subtle differences in creatine kinase expression and compartmentalization

Branovets, Jelena; Soodla, Kärol; Vendelin, Marko; Birkedal Nielsen, Rikke PLoS ONE 2023 / art. e0294718

Raudne rannakaitse hävitab randa

Parnell, Kevin Ellis; Soomere, Tarmo; Männikus, Rain; Tõnisson, Hannes Postimees 2020 / lk. 20 : ill
https://www.ester.ee/record=b1072778*est

Realistic coastal dynamic topography by a synergy of satellite altimetry data and marine geoid

Ellmann, Artu; Jahanmard, Vahidreza; Varbla, Sander; Mostafavi, Majid; Delpeche-Ellmann, Nicole Camille Living Planet Symposium (LPS22) 2022 / 1 p <https://www.lps22.eu/>

Realistic dynamic topography through coupling geoid and hydrodynamic models of the Baltic Sea

Jahanmard, Vahidreza; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu Continental shelf research 2021 / art. 104421
<https://doi.org/10.1016/j.csr.2021.104421> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Reanalysis of ocean model-based dynamic topography utilizing deep neural network and geoid-referenced observations

Jahanmard, Vahidreza; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu 2023 Machine Learning And Data Analysis In Oceanography, University of Liège, Belgium 2023 / 1 p [Reanalysis of ocean model-based dynamic topography utilizing deep neural network and geoid-referenced observations](#)

Reconstruction of an order of derivative and a source term in a fractional diffusion equation from final measurements

Janno, Jaan; Kinash, Nataliia Inverse problems 2018 / art. 025007, 19 p. : ill <https://doi.org/10.1088/1361-6420/aaa0f0> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Reconstruction of an orthotropic thermal conductivity from non-local heat flux measurements

Huntul, M.J.; Hussein, M.S.; Lesnic, D.; Ivancho, M.I.; Kinash, Nataliia International journal of Mathematical modelling and numerical optimisation 2020 / p. 102-122 <https://doi.org/10.1504/IJMMNO.2020.104327> Journal metrics at Scopus Article at Scopus

Reconstruction of dynamic topography using cyclostationary empirical orthogonal functions in the Baltic Sea

Mostafavi, Majid; Rajabi-Kiasari, Saeed; Jahanmard, Vahidreza; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu Nordic Geodetic Commission General Assembly 2022 in Copenhagen : Poster Session 2022 / 25 l.
<https://medialib.cmcdn.dk/medialibrary/010C1367-E991-4A33-AB10-1953247E9C23/530AEABD-3A25-ED11-84B6-00155D0B0940.pdf>

Reconstruction of space- and time-dependent sources in fractional wave and diffusion equations by means of overdetermination in a time subinterval

Kinash, Nataliia; Janno, Jaan 24th International Conference on Mathematical Modelling and Analysis : May 28-31, 2019, Tallinn, Estonia : abstracts 2019 / p. 37

Reduced recombination through the CZTS/CdS interface engineering in monograin layer solar cells

Kauk-Kuusik, Marit; Timmo, Kristi; Muska, Katri; Pilvet, Maris; Krustok, Jüri; Danilson, Mati; Mikli, Valdek; Josepson, Raavo; Grossberg, Maarja JPhys Energy 2022 / art. 024007 <https://doi.org/10.1088/2515-7655/ac618d> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Reducibility condition for nonlinear discrete-time systems : behavioral approach

Bartosiewicz, Zbigniew; Kotta, Ülle; Pawłuszewicz, Ewa; **Tönso, Maris;** Wyrwas, Małgorzata Control and Cybernetics 2013 / p. 329-346 <https://citeseerx.ist.psu.edu/document?repid=rep1&type=pdf&doi=d858f3fd9c2acd98e41f35a0bed4c0cb9efab59c> Journal metrics at Scopus Article at Scopus

Reducible dictionaries for single image super-resolution based on patch matching and mean shifting

Rasti, Pejman; Nasrollahi, Kamal; Orlova, Olga; Tamberg, Gert; Moeslund, Thomas B.; Anbarjafari, Gholamreza Journal of electronic imaging 2017 / p. 023024-1 - 023024-8 : ill <https://doi.org/10.1117/1.JEI.26.2.023024> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Reflections on mathematical models of deformation waves in elastic microstructured solids

Engelbrecht, Jüri; Berezovski, Arkadi Mathematics and Mechanics of Complex Systems 2015 / p. 43 - 82
<https://doi.org/10.2140/memocs.2015.3.43> Journal metrics at Scopus Article at Scopus

Refraction may redirect waves from multiple directions into a harbour : a case study in the Gulf of Riga, eastern Baltic Sea

Männikus, Rain; Soomere, Tarmo; Najafzadeh, Fatemeh Estonian journal of earth sciences 2022 / p. 80-88 : ill
<https://doi.org/10.3176/earth.2022.06> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Regime shifts as an archetypal phenomenon of climate and climate change

Soomere, Tarmo New challenges for Baltic Sea Earth System research : conference proceedings 2024 / p. 4-5
https://baltic.earth/imperia/md/assets/baltic_earth/baltic_earth/baltic_earth/5bec_proceedings.pdf

Regional and local variability in coastal processes in Torres Strait, Australia, and its importance for climate change planning

Parnell, Kevin Ellis; Smithers, Scott G. Journal of coastal research 2020 / p. 616-620 <https://doi.org/10.2112/SI95-120.1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Rektorikandidaat Tarmo Soomere: vähene teadus erasektoris on Eesti tragöödia

Soomere, Tarmo aripaev.ee 2025 <https://www.aripaev.ee/raadio/episood/tehinakaulikooli-rektorikandidaadid>

Rektoriks kandideeriva Tarmo Soomere suur plaan: tehnikaülikool võiks saada majanduskasvu veduriks

Soomere, Tarmo delfi.ee 2025 <https://www.delfi.ee/artikkel/120366290/intervjuu-rektoriks-kandideeriva-tarmo-soomere-suur-plaan-tehinakaulikool-voiks-saada-majanduskasvu-veduriks>

Remote sensing and modelling of wind waves in semi-enclosed seas = Tuulelainete kaugseire ja modelleerimine poolsuletud merealadel

Najafzadeh, Fatemeh 2022 <https://doi.org/10.23658/taltech.64/2022> <https://digikogu.taltech.ee/et/Item/f00ab062-2512-47e0-91c1-c871163f58d2> https://www.ester.ee/record=b5525225*est

Respiration of permeabilized cardiomyocytes from mice: no sex differences, but substrate-dependent changes in the apparent ADP-affinity

Karro, Niina; Laasmaa, Martin; Vendelin, Marko; Birkedal Nielsen, Rikke Scientific reports 2019 / art. 12592 <https://doi.org/10.1038/s41598-019-48964-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Responses of coastal processes to multiple drivers in the Baltic Sea region [Online resource]

Soomere, Tarmo Baltic Earth Workshop on multiple drivers for Earth system changes in the Baltic Sea region : Tallinn University of Technology, Tallinn, Estonia 26-27 November 2018 : [programme, abstracts, participants] 2018 / p. 26 https://www.baltic-earth.eu/publications/IBESPublications/No_14_Workshop_Multiple_Drivers_Tallinn_Nov2018/No.14_Tallinn2018.pdf

Retrieval of directional power spectral density and wave parameters from airborne LiDAR point cloud

Jahanmard, Vahidreza; Varbla, Sander; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu Ocean engineering 2022 / art. 112694 <https://doi.org/10.1016/j.oceaneng.2022.112694> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Retrieving the signal of climate change from numerically simulated sediment transport along the Eastern Baltic Sea Coast

Soomere, Tarmo; Viška, Maija; Pindsoo, Katri Coastline changes of the Baltic Sea from south to east : past and future projection 2017 / p. 327-361 http://doi.org/10.1007/978-3-319-49894-2_15 http://www.ester.ee/record=b4690805*est

Retrospektiivi kiituseks : [kõne raamatu "Eesti teaduse 100 aastat" esitlusel Eesti Teaduste Akadeemias 15.05.2018]

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 274-276 https://www.ester.ee/record=b5521198*est

Return periods of extreme water levels along Lithuanian sea coast based on a simple ensemble of projections

Mingelaite, Toma; Eelsalu, Maris; Pindsoo, Katri; Soomere, Tarmo; Dailidienė, Inga 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 238 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Review of structures and dynamics of economic complex networks: large scale payment network in Estonia

Rendón de la Torre, Stephanie; Kalda, Jaan Modern and interdisciplinary problems in network Science : A translational research perspective 2019 / p. 193-226 <https://doi.org/10.1201/9781351237307>

Riigiõiguse probleemid akadeemia töömaile : [Riigiõiguse sihtkapitali aastaraamatu 2. aastaraamatu tutvustus]

Soomere, Tarmo Eesti Teaduste Akadeemia sõnas ja pildis 2021 2022 / lk. 73 : ill https://www.ester.ee/record=b5054043*est

Riik ja selle preemiad raamatuks köidetuna : eesti keel on üks väiksemaid keeli maailmas, kus on olemas kogu maailma teadus

Soomere, Tarmo Sirp 2018 / lk. 21 : fot <https://www.sirp.ee/s1-artiklid/c21-teadus/riik-ja-selle-preemiad-raamatuks-koidetuna/>

Riik kui õiguse ja teaduse ühine hool

Soomere, Tarmo Sirp 2019 / lk. 28-29 <https://sirp.ee/s1-artiklid/c21-teadus/riik-kui-oiguse-ja-teaduse-uhine-hool/> https://www.ester.ee/record=b1072938*est

Riik kui õiguse ja teaduse ühine hool

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 368-375 https://www.ester.ee/record=b5521198*est <https://sirp.ee/s1-artiklid/c21-teadus/riik-kui-oiguse-ja-teaduse-uhine-hool/>

River water level monitoring from satellite radar altimetry multi missions a case study of the Amazon and Danube rivers

Mostafavi, Majid; Shirzad, R.; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu 12th Coastal Altimetry Workshop : Coastal Altimetry Training Course, 4-7 February, 2020 : European Space Agency ESRI, Frascati, Italy : abstracts 2020 / p. 34-35 <https://az659834.vo.msecnd.net/eventsairwesteuprod/production-nikal-public/ae128dad984c40168397660cc8d0ede7>

Rohepööre kui teaduse ja tehnoloogia arendamise küsimus

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 99-105 https://www.ester.ee/record=b5521198*est
<https://dea.digar.ee/article/ak/2021/04/24/2.1>

Rohepööre kui teaduse ja tehnoloogia arendamise küsimus

Soomere, Tarmo Postimees 2021 / Lk. 2-3 : fot <https://dea.digar.ee/article/ak/2021/04/24/2.1>

Rohepööre pole vastuolus loodusseadustega

Soomere, Tarmo Postimees 2022 / Lk. 8 <https://dea.digar.ee/article/postimees/2022/06/11/13.4>

Roosa kass püüab hiiri

Samoson, Ago Postimees 2021 / Lk. 16 <https://dea.digar.ee/article/postimees/2021/02/12/14.10>

Ruutplaneerimisülesande graafiline lahendamine

Väljas, Mati Aastaraamat 2017 / Eesti Matemaatika Selts 2018 / lk. 38-44 : ill https://www.ester.ee/record=b1226018*est

Saaste jälgimise tehnoloogia Soome lahes

Giudici, Andrea Teadus kolme minutiga : 2017-2019 2019 / lk. 40-43 : portr., kaart https://www.ester.ee/record=b5245642*est

Saateks

Soomere, Tarmo Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2018 2019 / lk. 5-6

Saateks

Soomere, Tarmo Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2019 2020 / lk. 5 https://www.ester.ee/record=b1218094*est

Saateks

Soomere, Tarmo Eesti Teaduste Akadeemia sõnas ja pildis 2019 2020 / lk. 3

Saateks

Soomere, Tarmo Riigiõiguse aastaraamat 2020 / Eesti Teaduste Akadeemia riigiõiguse sihtkapital 2020 / lk. 2
https://www.ester.ee/record=b5373000*est

Saateks

Engelbrecht, Jüri Teadus ja ühiskond 2018 / lk. 5-8 https://www.ester.ee/record=b5161884*est

Saateks

Soomere, Tarmo Eesti Teaduste Akadeemia sõnas ja pildis 2020 2021 / lk. 3

Saateks

Soomere, Tarmo Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2020 2021 / lk. 5 https://www.ester.ee/record=b1218094*est

Saateks

Soomere, Tarmo Eesti Teaduste Akadeemia sõnas ja pildis 2021 2022 / lk. 3 https://www.ester.ee/record=b5054043*est

Saateks

Soomere, Tarmo Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2021 2022 / lk. 5 https://www.ester.ee/record=b1218094*est

Saateks

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 9-12 https://www.ester.ee/record=b5521198*est

Saateks

Soomere, Tarmo Eesti-hiina põhisõnavara sõnastik = 爱沙尼亚语-汉语基础词典 爱沙尼亚语-汉语基础词典 2019 / lk. 5-6
https://www.ester.ee/record=b5243517*est

Saateks

Soomere, Tarmo Eesti Teaduste Akadeemia sõnas ja pildis 2022 2023 / lk. 3 https://www.ester.ee/record=b5054043*est

Saateks

Soomere, Tarmo Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2022 2023 / lk. 5 https://www.ester.ee/record=b1218094*est

Saateks

Soomere, Tarmo Eesti Teaduste Akadeemia sõnas ja pildis 2023 2024 / lk. 3 https://www.ester.ee/record=b5054043~S1*est

Saateks

Soomere, Tarmo Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2023 2024 / lk. 5 https://www.ester.ee/record=b1218094*est

Sada aastat liidus loodusega : [kõne omariikluse põlistumise tähtpäeval riigikogu konverentsisaalis 30.11.2021]

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 221-225 https://www.ester.ee/record=b5521198*est

Sammud elamist vääriva tuleviku poole

Soomere, Tarmo; Niinemets, Ülo; Randma-Liiv, Tiina; Järv, Jaak Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 143-145 https://www.ester.ee/record=b5054043*est https://www.ester.ee/record=b5521198*est

Sammud teadlasteel

Engelbrecht, Jüri Vaateid mehaanikale Eestis : 1918-2018 2019 / lk. 150-159 https://www.ester.ee/record=b5190016*est

Sampling Theory and Applications 2017 : 12th International Conference : Tallinn, Estonia, July 3-7 : program and abstracts

2017

Sampling theory in signal and image processing [Electronic resource]

2018 <http://stsisip.org/>

Sandy beach evolution in the low-energy microtidal Baltic Sea : attribution of changes to hydrometeorological forcing

Eelsalu, Maris; Parnell, Kevin Ellis; Soomere, Tarmo Geomorphology 2022 / art. 108383

<https://doi.org/10.1016/j.geomorph.2022.108383> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sandy coast cross-shore profile changes in a high wave energy environment, Palanga, Baltic Sea

Kelpšaitė-Rimkienė, Loreta; Kondrat, Vitalijus; Parnell, Kevin Ellis Geophysical research abstracts 2019 / p. EGU2019-10345

<https://meetingorganizer.copernicus.org/EGU2019/EGU2019-10345.pdf>

Satellite altimetry derived dynamic topography using high-resolution geoid model with synergized sealevel data sources

Kupavõh, Aleksei; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu 30 years of progress in radar altimetry symposium,

Montpellier, France, 2-7. Sept. 2024 : Abstract book 2024 / p. 184-185, art. 362

<https://az659834.vo.msecnd.net/eventsairwesteuropod/production-nikal-public/338507f0dac84686b1d40a263ba347c6>

Satellite altimetry performance verified to enhanced hydrodynamic model of the Baltic Sea

Mostafavi, Majid; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu Living Planet Symposium (LPS22) 2022 / 1 p

<https://www.lps22.eu/>

Satellite altimetry reveals spatial patterns of variations in the Baltic Sea wave climate

Kudryavtseva, Nadezhda; Soomere, Tarmo Earth System Dynamics 2017 / p. 697-706 : ill <https://doi.org/10.5194/esd-2016-68>

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Satellite altimetry shows changes in extreme wave heights over the Baltic Sea

Kudryavtseva, Nadezhda; Soomere, Tarmo The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present,

Future" : June 12-16, 2017 : abstracts 2017 / p. 89 https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf

Saunafüüsika saladused: mis on kastepunkt ning millisel juhul hakkab saunalaval nahk kipitama?

Kalda, Jaan mu.ee 2024 [Saunafüüsika saladused: mis on kastepunkt ning millisel juhul hakkab saunalaval nahk kipitama?](#)

Sb2S3 thin-film solar cells fabricated from an antimony ethyl xanthate based precursor in air

Eensalu, Jako Siim; Mandati, Sreekanth; Don, Christopher H.; Finch, Harry; Dhanak, Vinod R.; Major, Jonathan D.; Grzybowski, Raitis; Tamm, Aile; Ritslaid, Peeter; Josepson, Raavo; Käämbre, Tanel; Vembris, Aivars; Spalatu, Nicolae; Krunks, Malle; Oja

Acik, Ilona ACS applied materials & interfaces 2023 / p. 42622-42636 <https://doi.org/10.1021/acsami.3c08547> [Journal metrics at](#)

[Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Scalable and imbalance-resistant machine learning models for anti-money laundering : a two-layered approach

Tertychnyi, Pavlo; Slobozhan, Ivan; Ollikainen, Madis; Dumas, Marlon Enterprise Applications, Markets and Services in the Finance Industry : 10th International Workshop, FinanceCom 2020, Helsinki, Finland, August 18, 2020, Revised Selected Papers 2020 / p. 43-

58 https://doi.org/10.1007/978-3-030-64466-6_3 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Scalar mixtures in porous media

Kree, Mihkel; Villiermaux, Emmanuel Physical review fluids 2017 / art. 104502, 12 p. : ill <https://doi.org/10.1103/PhysRevFluids.2.104502>

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Scattering by curvatures, radiationless sources, transmission eigenfunctions, and inverse scattering problems

Blasten, Emilia; Liu, Hongyu SIAM Journal on Mathematical Analysis 2021 / p. 3801-3837 <https://doi.org/10.1137/20M1384002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Scattering of acoustic and electromagnetic waves by flat screen

Sadique, Sadia 24th International Conference on Mathematical Modelling and Analysis : May 28-31, 2019, Tallinn, Estonia : abstracts 2019 / p. 67

SciPy 1.0 : fundamental algorithms for scientific computing in Python

Virtanen, Pauli; Gommers, Ralf; Oliphant, Travis E.; Haberland, Matt; Reddy, Tyler; Cournapeau, David; Burovski, Evgeni; **Peterson, Pearu** Nature methods 2020 / p. 261-272 <https://doi.org/10.1038/s41592-019-0686-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Screening and optimization of processing temperature for Sb₂Se₃ thin film growth protocol : interrelation between grain structure, interface intermixing and solar cell performance

Spalatu, Nicolae; Krautmann, Robert; Katerski, Atanas; Kärber, Erki; Josepson, Raavo; Hiie, Jaan; Oja Acik, Ilona; Krunks, Malle Solar energy materials and solar cells 2021 / art. 111045, 13 p. : ill <https://doi.org/10.1016/j.solmat.2021.111045> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)