

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>

A simple adaptive ventilation controller for mediaeval church

Sinivee, Veljo; Kurik, Lembit; Kalamees, Targo Energy procedia 2017 / p. 957-962 : ill <https://doi.org/10.1016/j.egypro.2017.09.674>

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

Lehmann, Andreas; Didenkulova, Irina; Höflich, 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/NikolWebsitePortal/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 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/NikolWebsitePortal/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

ADCS development for student CubeSat satellites - TaiTech 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

Advances in room temperature fluoride-ion batteries

Molaiyan, Palanivel; Mohammad, Irshad; Witter, Raiker 20th International Conference on Advanced Energy Materials and

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 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 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 sõnavõttud 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

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"](#)

Akadeemik: Eestis pole linna minema uhtuvad üleujutused võimalikud [Võrguväljaanne]
Soomere, Tarmo err.ee 2021 / video [Akadeemik: Eestis pole linna minema uhtuvad üleujutused võimalikud](#)

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>

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>

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

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](#)

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>

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

Anarhistlikud mõtted Prantsusmaa presidendi totuseks

Tõugu, Enn Õhtuleht 2018 / lk. 8

Andmete peitmine toob ohvleid

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

Andmete peitmine toob ohvleid

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-inimohvleid>

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/w8prtknkt2ekutr/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 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, Maarjuss** 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

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 $HH \rightarrow b\bar{b}WW^*$ 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.estee.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 l. <https://medialib.cmcn.dk/medialibrary/010C1367-E991-4A33-AB10-1953247E9C23/530AEABD-3A25-ED11-84B6-00155D0B0940.pdf>

Arenev Euroopa teaduse eetikakoodeks

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

Arno Kõörna : 2.II 1926-21.XII 2017

Soomere, Tarmo Sirp 2018 / lk. 29

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.estee.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.estee.ee/record=b1071914*est

Arvutid, küberruum ja tehismõistus : noppeid arvutite imepärasest eduloost

Tõugu, Enn 2018 http://www.estee.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.estee.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>

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>

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 : Bonn, 23-27 May 2022

2022 / 1 p [https://express.converia.de/frontend/index.php?](https://express.converia.de/frontend/index.php?page_id=22633&additions_conferenceschedule_action=detail&additions_conferenceschedule_controller=paperList&pid=67257&hash=059b7410747f987290de47d36b5b6df4330fe4bcc6b23cd94277df52d3471105)

[page_id=22633&additions_conferenceschedule_action=detail&additions_conferenceschedule_controller=paperList&pid=67257&hash=059b7410747f987290de47d36b5b6df4330fe4bcc6b23cd94277df52d3471105](https://express.converia.de/frontend/index.php?page_id=22633&additions_conferenceschedule_action=detail&additions_conferenceschedule_controller=paperList&pid=67257&hash=059b7410747f987290de47d36b5b6df4330fe4bcc6b23cd94277df52d3471105)

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://fntdk.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-Venjamin 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](#)

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

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

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/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](#)

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>

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 | [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; Stolova, Jekaterina; Shen, Xin; Rätsepso, Triinu; Balodis, Mihkel Jaan; Grahv, Cärolin; Hendrikson, Eliise; Louch, William Edward; Birkedal Nielsen, Rikke; Vendelin, Marko The journal of physiology 2023 / p. 4033-4052 : ill <https://doi.org/10.1113/JP284515>

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

Pustõnski, Vladislav-Venjamin 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 on the spatial variability of strength in a SFRSCC slab and its correlation with fibre orientation

Kartofelev, Dmitri; Goidyk, Oksana; Hermann, Heiko Proceedings of the Estonian Academy of Sciences 2020 / p. 298-310 : ill <https://doi.org/10.3176/proc.2020.4.03> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Catalytic strategies for conscious social transformation: Leadership in thought

2023 <https://www.cambridgescholars.com/resources/pdfs/978-1-5275-7309-3-sample.pdf>

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>

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

Goidyk, Oksana; Heinštein, Mark; Hermann, Heiko Fibers 2023 / art. 6 <https://doi.org/10.3390/fib11010006>

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

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 tehnoloogia : [4.-5. veebr. 2019, Tartu : teesid] 2019 / 1 p <http://fntdk.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>

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 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 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 <https://doi.org/10.57757/IUGG23-4967>

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>

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>

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>

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>

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; Eensalu, 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

Complexity in Social Systems and Academies

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

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; Stolova, 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](#)

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>

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 E.; Mobarghaee Dinan, Naghmeh; 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 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>

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 [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 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; Päivärinta, Lassi Juhani Archive for rational mechanics and analysis 2017 / p. 1139-1160 <https://doi.org/10.1007/s00205-017-1151-y>

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.kiri.ee/public/proceedings_pdf/2019/issue_1/proc-2019-1-79-88.pdf

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](#)

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>

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

Oruaas, 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

<http://doi.org/10.1175/JTECH-D-16-0116.1>

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>

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>

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"

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>

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, Mihhail; 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](#)

Doktoritöö heidab valgust Läänemere ja selle ranniku tangole [Võrguväljaanne]

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

Ahmed, Faisal; Tamberg, Gert; Le Moulec, Yannick; Annus, Paul Sensors 2017 / art. 1666, p. 1-22 : ill
<http://dx.doi.org/10.3390/s17071666>

Dynamics of discontinuities in elastic solids

Berezovski, Arkadi; Berezovski, Mihhail 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>

Eeskuju ehk laseend 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 keeleaühind. Sport. Kultuur. Haridus 2020 / lk. 10-11
https://www.ester.ee/record=b1226072*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-est-est-hakkab-juhtima-peateadurite-foorumit>

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/est-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?

Tamm, Marek Sirp 2024

Eesti teaduse 100 aastat

Engelbrecht, Jüri; Tammiksaar, Erki; Kändler, Tiit 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 = 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] 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 Vabariigi preemiad 2017 : teadus. F. J. Wiedemanni keeleauhind. Kultuur. Sport
2017

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

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>

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; Veletic, 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](#)

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 <https://doi.org/10.1016/j.physleta.2019.03.025> [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

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

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

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

E-valimised on praegu usalduse küsimus

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

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

Evolving narratives of ship wake science and management

Soomere, Tarmo; Parnell, Kevin Ellis Book of Abstracts: 1st ShipWave International Workshop on Ship-induced Hydrodynamic Loads in Shallow Confined Coastal Waterways Hamburg, Germany, 22 to 24 March 2023 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>

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.cmcnd.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>

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.cmcnd.dk/medialibrary/010C1367-E991-4A33-AB10-1953247E9C23/530AEABD-3A25-ED11-84B6-00155D0B0940.pdf>

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; Öunapuu, 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

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>

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

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](#)

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 machine learning 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/NikaWebsitePortal/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>

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>

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>

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>

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>

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, Mihail; Gabriel, Dusan; Adámek, V. Composite structures 2018 / p. 388-394 : ill
<https://doi.org/10.1016/j.compstruct.2018.07.055> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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.iav.org/archives_icsv_last/2017_icsv24/content/papers/papers/full_paper_867_20170403135841549.pdf

Füüsik Jaan Kalda: tuumaenergeetika ohud seonduvad pigem inimliku faktoriga

Kalda, Jaan postimees.ee 2023 [Füüsik 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 "](#)

Füüsik vastab, kui energiasäästlikuks saab kodumasinad timmida [Võrguväljaanne]

Kalda, Jaan novaator.err.ee 2021 ["Füüsik vastab, kui energiasäästlikuks 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](#)

Füüsikaprofessor: riiklikul tuumaenergiaraportil on suur puudujääk

Laast, Joanna delfi.ee 2024 [Füüsikaprofessor: riiklikul tuumaenergiaraportil on suur puudujääk](#)

Füüsikat teades muutub ka saunaskäik mõnusamaks

Kalda, Jaan maaleht.ee 2024 [Füüsikat teades muutub ka saunaskäik mõnusamaks](#)

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

Eensalu, Jako Siim; Katerski, Atanas; Mere, Arvo; Krunk, 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; Krunk, 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 : opening 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

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](#)

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/ohetuleht/2023/01/10/3.15) <https://dea.digar.ee/article/ohetuleht/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>

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 <http://doi.org/10.1209/0295-5075/118/50005>

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 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 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 südamelihaskudedes
Jepihhina, Natalja 2017 <https://digi.lib.ttu.ee/i/?8085>

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-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>

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>

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>

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](#)

II 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

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

Vit, J.; Viirik, Johan; Peedu, Laur; Rõm, 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>

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>

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>

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>

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 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.

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>

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/>

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>

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 EAWE PhD Seminar, 2-4 November 2022, Bruges, Belgium : book of proceedings 2022 / p. 394-400 <https://phd2022.eawe.eu/program/book-of-abstracts/>

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 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

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](#)

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>

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 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>

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: 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.jcronline.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](#)

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: 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

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 2018 https://www.ester.ee/record=b5166456*est

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

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 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](#)

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

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>

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 mitteparameetiline matemaatiline statistika : õpik kõrgkoolidele

Pihlak, Margus 2018 https://www.ester.ee/record=b5173618*est https://www.ester.ee/record=b5148522*est

Kliimamuutus : möödub kerge palavik või äratuskell?

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

Kliimamuutuste kauge kõmin Eestit puudutamas

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

Kliimamuutuste kauge kõmin 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](#)

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](#)

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](#)

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 tehisarukasutusele võtma

Kivestu-Rotella, Tuulike Õpetajate Leht 2024 / lk. 1-3 <https://dea.digar.ee/article/opetajateleht/2024/01/23/4.1> Koolid valmistuvad tehisarukasutusele 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?](#)

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 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

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 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

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 kompleksüsteemid

Engelbrecht, Jüri Teadusmõtte 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/>

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](#)

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>

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>

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

Lootusteadlase pilguga vajab Eesti võimalikult laia koalitsiooni

Samoson, Ago postimees.ee 2023 [Lootusteadlase pilguga vajab Eesti võimalikult laia koalitsiooni](https://postimees.ee/lootusteadlase-pilguga-vajab-estni-voimalikult-laija-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?](https://novaator.err.ee/2024/04/01/lugeja-kusib-kas-sildade-all-on-jaa-ohem-kui-mujal/)

Lugeja küsib: kuidas vältida fotol punaseid silmi?

Kalda, Jaan novaator.err.ee 2023 [Lugeja küsib: kuidas vältida fotol punaseid silmi?](https://novaator.err.ee/2023/04/01/lugeja-kusib-kuidas-valtida-fotol-punaseid-silmi/)

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?"](https://novaator.err.ee/2021/04/01/lugeja-kusib-miks-kipuvad-veetorud-ara-kulmuma-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?"](https://novaator.err.ee/2021/04/01/lugeja-kusib-miks-talvel-laevad-naailiselt-ohku-tousevad/)

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/aaefe3> 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 rahutute rannikute põnevad saladused

Soomere, Tarmo Teadusmõtte 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](https://www.ester.ee/record=b5521198*est)

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.cmcn.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

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

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/>

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](https://www.youtube.com/watch?v=Matemaatika-ja-matemaatiline-statistika)

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

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-a6a5-03741045bdfe> https://www.ester.ee/record=b5638918*est

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.; **Ehataht, 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 The 15th International Coastal Symposium 2018 Haeundae, Busan, Republic of Korea 13th – 18th May 2018 : book of abstracts 2018 / p. 179

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 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](#)

Meenutusi akadeemik Maddisonist

Aben, Hillar Vaateid mehaanikale Eestis : 1918-2018 2019 / lk. 101

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

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

Mereteaduste komisjon

Soomere, Tarmo Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2016 2017 / lk. 39-43
http://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

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>

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](#)

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>

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-rahvuslikoolile-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 kassi silmad öösel hirmuäratavalt hiilgavad?

Kalda, Jaan teadus.postimees.ee 2023 [Miks kassi silmad öösel hirmuäratavalt hiilgavad?](#)

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?](#)

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\(haridus\)?](#)

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/>

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
Õhtuleht 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

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->

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](#)

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>

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>

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 <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 vaiksa 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

Möötes 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://novaator.err.ee/2020/04/01/mang-kolme-dzinniga-toukab-eesti-kliimamuutuste-epitsentrisse)

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

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>

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-tagasipööre/> 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>

Nikolai Alumäe - teerajaja ja innustaja

Engelbrecht, Jüri Eesti teaduse 100 aastat 2018 / lk. 131-134 : portr

Nikolai Alumäe pärand Eesti mehaanikateaduses - valitud peatükke koorikute teoorias

Engelbrecht, Jüri; Kutser, Mati Vaateid mehaanikale Eestis : 1918-2018 2019 / lk. 102-112

Niobium doped TiO₂ films by chemical spray pyrolysis [Online resource]

Dündar, Ibrahim; Oja Acik, Ilona; Mere, Arvo; Katerski, Atanas; Krunk, Malle; Mikli, Valdek Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p <http://fmdk.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; Uudestmaa, 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.ester.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 <http://doi.org/10.1002/stc.1996>

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>

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; Rööm, 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 : Bonn, 23-27 May 2022 2022 / 1 p https://express.converia.de/frontend/index.php?page_id=22770&additions_conferenceschedule_action=detail&additions_conferenceschedule_controller=paperList&pid=66768&hash=c6edadcd07d79522805fc8f6f306e4565b46e806a78f56dc65f0df9e4f142dc0

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>

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

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, Svratka, 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; Puusemp, 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

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 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>

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](#)

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>

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 = Eneseafiinsete 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 [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 <http://dx.doi.org/10.1080/00927872.2016.1206340>

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-l6.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>

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>

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; Yıldızdag, 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](#)

On-off-on control of molecular inversion symmetry via multi-stage protonation : elucidating vibronic laporte rule

Stark, Charles William; Rammo, Matt; Trummal, Aleksander; Uudsemaa, Merle; Pahapill, Jüri; Sildoja, Meelis-Mait; Tshepelevitsh, Sofija; Leito, Ivo; Young, David C.; Szymański, 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](#)

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](#)

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-est-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

Persistency 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>

Poolurnud kassist rehepapliku deemonini

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 34-39 https://www.ester.ee/record=b5521198*est

Poolurnud kassist rehepapliku deemonini

Soomere, Tarmo Postimees 2019 / AK, lk. 7 [Tarmo Soomere: poolurnud kassist rehepapliku 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>

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

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>

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>

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](#)

Presidendi kokkuvõte 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
2019 / lk. 49-51

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

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>

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://fmtdk.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>

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](https://www.postimees.ee/2018/02/05/12.4_teaduste_akadeemia_sovitus_moodne_puidutootlemise_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/2022/02/05/12.4https://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

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](https://www.scopus.com/sourceid/139068) [Article at WOS](https://www.wos.com/sourceid/139068)

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](https://www.scopus.com/sourceid/139068) [Article at Scopus](https://www.wos.com/sourceid/139068)

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>

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>

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>

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](#)

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>

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>

Rat and mouse cardiomyocytes show subtle differences in creatine kinase expression and compartmentalization

Branovets, Jelena; Soodla, Kārol; Vendelin, Marko; Birkedal Nielsen, Rikke PLoS ONE 2023 / art. e0294718 <https://doi.org/10.1371/journal.pone.0294718>

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 : [poster]

Ellmann, Artu; Jahanmard, Vahidreza; Varbla, Sander; Mostafavi, Majid; Delpeche-Ellmann, Nicole Camille Living Planet Symposium : Bonn, 23-27 May 2022 2022 / 1 p https://express.converia.de/frontend/index.php?page_id=22743&additions_conferenceschedule_action=detail&additions_conferenceschedule_controller=paperList&pid=67137&hash=a1163e52ec54485b30c276db107fa5d86c2ef04bebfeda3ddc6f3cced2129ff8

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](#)

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 <http://dx.doi.org/10.1117/1.JEI.26.2.023024>

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](#)

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](#)

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.eester.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

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 looduseadustega

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-汉语基础辞典 爱沙尼亚语-汉语基础辞典 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

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

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://stsip.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 performance verified to enhanced hydrodynamic model of the Baltic Sea

Mostafavi, Majid; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu Living Planet Symposium : Bonn, 23-27 May 2022 2022 / 1 p
https://express.converia.de/frontend/index.php?page_id=22633&additions_conferenceschedule_action=detail&additions_conferenceschedule_controller=paperList&pid=66983&hash=2781a43409d1dcb2374d7818af0d07c0904d92d56f69ccfa7a7a5c1549b986e

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 <http://doi.org/10.5194/esd-2016-68>

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

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.; Grzibovskis, Raitis; Tamm, Aile; Ritslaid, Peeter; **Josepson, Raavo**; Käämbre, Tanel; Vembris, Aivars; **Spalatu, Nicolae; Krunk, Malle; Oja Acik, Ilona** ACS applied materials & interfaces 2023 / p. 42622-42636 <https://doi.org/10.1021/acsami.3c08547>

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](#)

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; Krunk, 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](#)

Sea level dynamics and coastal erosion in the Baltic Sea region

Weisse, Ralf; Dailidienė, Inga; Hünicke, Birgit; Kahma, Kimmo; Madsen, Kristine; Omstedt, Anders; **Parnell, Kevin Ellis**; Schöne, Tilo; **Soomere, Tarmo; Zhang, Wenyan; Zorita, Eduardo** Earth System Dynamics 2021 / p. 871-898 <https://doi.org/10.5194/esd-12-871-2021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sea level dynamics and coastal erosion in the Baltic Sea region

Weisse, Ralf; Dailidienė, Inga; Hünicke, Birgit; Kahma, Kimmo; Madsen, Kristine; Omstedt, Anders; **Parnell, Kevin Ellis**; Schöne, Tilo; **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. 113-114 https://baltic.earth/imperia/md/assets/baltic_earth/baltic_earth/4bec_proceedings_web.pdf

Sea level rise and its impact on sediment dynamics along the southeastern Baltic Sea coast

Viska, M.; **Pindsoo, Katri** The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 248 https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf

Sea level time series gap-filling with satellite altimetry using a bi-directional SARIMA model

Mostafavi, Majid; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu 2023 Machine Learning And Data Analysis In Oceanography, University of Liège, Belgium 2023 / 1 p [Sea level time series gap-filling with satellite altimetry using a bi-directional SARIMA model](#)

Sea surface temperature variations in the south-eastern Baltic Sea in 1960–2015

Rukšėnienė, Viktorija; Dailidienė, Inga; Kelpšaitė-Rimkienė, Loreta; **Soomere, Tarmo** Baltica 2017 / p. 75-85 : ill [http://www.gamtostyrimai.lt/uploads/documents/lediniai/Baltica/Vol-30-2-2017/Baltica%202017%20\(30-2\)%202%20Ruksiene%20et%20al.pdf](http://www.gamtostyrimai.lt/uploads/documents/lediniai/Baltica/Vol-30-2-2017/Baltica%202017%20(30-2)%202%20Ruksiene%20et%20al.pdf)

Search for Higgs boson pairs decaying to WW^*WW^* , $WW^*\pi$, and $\pi\pi\pi$ in proton-proton collisions at $\sqrt{s} = 13$ TeV

Tumasyan, A.; Adam, W.; Andrejkovic, J. W.; **Ehataht, Karl** Journal of high energy physics 2023 / art. 95, 65 p. : ill [https://doi.org/10.1007/JHEP07\(2023\)095](https://doi.org/10.1007/JHEP07(2023)095)

Separation of the Baltic Sea water level into short-term and multi-weekly components

Soomere, Tarmo; Eensalu, 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. 84 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Ship wake analysis using an array of nearbed sensors

Kruusmaa, Maarja; Parnell, Kevin Ellis; Ristolainen, Asko; Rätsep, Margus; Soomere, Tarmo Abstracts : [BSSC 2019] 2019 / p. 292 https://www.su.se/polopoly_fs/1.446756.1566224624!/menu/standard/file/abstracts_A5_ny.pdf

Shipborne GNSS acquisition of sea surface heights in the Baltic Sea

Liibus, Aive; Varbla, Sander; Ellmann, Artu; Vahter, Kaimo; Uiboupin, Rivo; Delpeche-Ellmann, Nicole Camille Journal of geodetic science 2022 / 21 p. : ill., map <https://doi.org/10.1515/jogs-2022-0131> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Short fibre reinforced cementitious composites and ceramics

2019 <https://doi.org/10.1007/978-3-030-00868-0>

Signals in nerves from the philosophical viewpoint

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

Signals in nerves from the philosophical viewpoint

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

Sild Eesti Vabariigist üle sõja ja Nõukogude aja Eesti Vabariiki : Ülo Lepik 11. VII 1921 – 12. II 2022

Soomere, Tarmo Sirp 2022 / lk. 37 <https://sirp.ee/s1-artiklid/c21-teadus/sild-eesti-vabariigist-ule-soja-ja-noukogude-aja-eesti-vabariiki/>

Simulation of detecting contact nonlinearity in carbon fibre polymer using ultrasonic nonlinear delayed time reversal

Lints, Martin; Salupere, Andrus; Dos Santos, Serge ACTA acustica united with acustica 2017 / p. 978-986 : ill <https://doi.org/10.3813/AAA.919127>

Simulation of oriented NMR spectra : combining molecular dynamics and chemical shift tensor calculations

Sternberg, Ulrich; Witter, Raiker Magnetic resonance in chemistry 2023 <https://doi.org/10.1002/mrc.5403>

Simulation of two-dimensional thermoelastic wave propagation in inhomogeneous media

Berezovski, Arkadi; Maugin, Gerard A. 4th EUROMECH : Solid Mechanics Conference, Metz, France, June 26-30, 2000 : book of abstracts II, general sessions 2000 / p. 715

Sirvilauad

Engelbrecht, Jüri 2023 https://www.ester.ee/record=b5548875*est

Six small steps

Soomere, Tarmo Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2017 2018 / p. 73-76 https://www.ester.ee/record=b1874722*est

Societal challenges in marine science

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

Soe jätab rannad tormituulte valda

Maran, Kaur Postimees 2020 / Lk. 17 : ill [Soe jätab rannad tormituulte valda](#)

Solitary waves for Non-Destructive Testing applications : delayed nonlinear time reversal signal processing optimization

Lints, Martin; Dos Santos, Serge; Salupere, Andrus Wave motion 2017 / p. 101-112 : ill <https://doi.org/10.1016/j.wavemoti.2016.07.001>

Soliton trains in dispersive media

Engelbrecht, Jüri; Peets, Tanel; Tamm, Kert Low temperature physics Fizika nizkikh temperatur 2018 / p. 887-892 <https://doi.org/10.1063/1.5041436> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Solitons and solitonic structures - what is visible and what is hidden

Salupere, Andrus 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. 2216-2217 : ill http://iutam.org/wp-content/uploads/2017/02/ICTAM_Proceedings_Vol_3.pdf

Solitons modelled by Boussinesq-type equations

Engelbrecht, Jüri; Peets, Tanel; Tamm, Kert Mechanics research communications 2018 / p. 62-65 <https://doi.org/10.1016/j.mechrescom.2017.05.008> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Solution-mediated inversion of SnSe to Sb₂Se₃ thin-films

Polivtseva, Svetlana; Kois, Julia; Kruzhilina, Tatiana; Kaupmees, Reelika; Klopov, Mihhail; Molaiyan, Palanivel; van Gog, Heleen; van Huis, Marijn A.; **Volobujeva, Olga** Nanomaterials 2022 / art. 2898 <https://doi.org/10.3390/nano12172898> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Solving nonlinear boundary value problems using the higher order Haar wavelet Method

Ratas, Mart; Majak, Jüri; Salupere, Andrus Mathematics 2021 / art. 2809 <https://doi.org/10.3390/math9212809> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Solving nonlinear PDEs using the higher order Haar wavelet method on nonuniform and adaptive grids

Ratas, Mart; Salupere, Andrus; Majak, Jüri Mathematical modelling and analysis 2021 / p. 147–169
<https://doi.org/10.3846/mma.2021.12920> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Soomere : teadusraha tõusmine ühe protsendini on uue ajastu algus [Võrguväljaanne]

Soomere, Tarmo err.ee 2020 / fot [Soomere: teadusraha tõusmine ühe protsendini on uue ajastu algus](#)

Soomere hinnangul pole Estonia rambi liikumises inimkäsi mängus [Võrguväljaanne]

Soomere, Tarmo err.ee 2021 / fot [Soomere hinnangul pole Estonia rambi liikumises inimkäsi mängus](#)

Soomere jätkab Teaduste Akadeemia presidendina

Postimees 2019 / lk. 4 [Tarmo Soomere valiti uuesti teaduste akadeemia presidendiks](#)

Soomere kutsub teadlased metsaküsimustes ühisosa ja eriarvamusi otsima

Tankler, Lauri; **Soomere, Tarmo** Eesti Päevaleht 2018 / lk. 3

Soomere viirusepuhangust : kriitilise tähtsusega on kõigi stsenaariumite teadvustamine [Võrguväljaanne]

Soomere, Tarmo novaator.err.ee 2020 / audio [Soomere viirusepuhangust: kriitilise tähtsusega on kõigi stsenaariumite teadvustamine](#)

Soomere: kõrgemad temperatuurid hakkavad meile elusid maksma [Võrguväljaanne]

Soomere, Tarmo novaator.err.ee 2021 / audio [Soomere: kõrgemad temperatuurid hakkavad meile elusid maksma](#)

Soomere: Riia ei ole ohus. Narva jõel on sarnane intsident praktiliselt võimatu

Pulk, Meinhard postimees.ee 2023 [Soomere: Riia ei ole ohus. Narva jõel on sarnane intsident praktiliselt võimatu](#)

Soomere: tunnetan suurt toetust tarkadele inimestele [Võrguväljaanne]

Loonurm, Erle; Normet, Mart; **Soomere, Tarmo** err.ee 2021 / audio [Soomere: tunnetan suurt toetust tarkadele inimestele](#)

SpaceX - eesrindlik kosmosefirma

Mars, Mario Minu Maailm 2017 / lk. 20-21 : fot http://www.ester.ee/record=b3033179*est

Spatial and temporal variability of wave energy resource in the eastern Pacific from Panama to the Drake passage

Eelsalu, Maris; Montoya, Ruben D.; Aramburo, Darwin; Osorio, Andres F.; **Soomere, Tarmo** Renewable energy 2024 / art. 120180
<https://doi.org/10.1016/j.renene.2024.120180>

Spatial distribution of energy of subinertial baroclinic motions in the Baltic Sea

Kurkin, Andrey; Rybin, Artem; **Soomere, Tarmo**; Kurkina, Oxana; Rouvinskaya, Ekaterina Frontiers in earth science 2020 / art. 184, 15 p. : ill <https://doi.org/10.3389/feart.2020.00184> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Spatial pattern in heavy-mineral concentrations on the Curonian spit sea coast as indicator of human activities and natural processes

Pupienis, Donatas; Buynevich, Ilya; Jarmalavičius, Darius; Žilinskas, Gintautas; Fedorovič, Julija; Ryabchuk, Daria; **Kovaleva, Olga**; Sergeev, Alexander 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. 159 http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf

Spatial patterns of the wave climate in the Baltic Proper and the Gulf of Finland

Räämet, Andrus; **Soomere, Tarmo** Boreal environment research 2021 / p. 29–41 : ill., map
<http://www.borenv.net/BER/archive/pdfs/ber26/ber26-029-041.pdf>

Spatial variations in the Caspian Sea wave climate in 2002–2013 from satellite altimetry

Kudryavtseva, Nadezhda; Kussembayeva, Kuanysh; Rakisheva, Zaure Bayanovna; **Soomere, Tarmo** Estonian journal of earth sciences 2019 / p. 225-240 : ill <https://doi.org/10.3176/earth.2019.16>
http://www.kirj.ee/public/Estonian_Journal_of_Earth_Sciences/2019/issue_4/earth-2019-4-225-240.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Spatio-temporal changes in the components of extreme water levels on Estonian coasts = Ekstreemsete veetasemete komponentide ajalis-ruumiline muutlikkus Eesti rannikul
Pindsoo, Katri 2017 <https://digi.lib.ttu.ee/i/?8647>

Special Issue : Coast and Society. Journal of Coastal Conservation
2019 <https://link.springer.com/journal/11852/23/4>

Specific statistical properties of the strength of links and nodes of the Estonian network of payments
Rendon de la Torre, Stephanie; Kalda, Jaan; Kitt, Robert Proceedings of the Estonian Academy of Sciences 2019 / p. 235–243 : ill <https://doi.org/10.3176/proc.2019.3.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The spectroscopy of the quantum criticality in a transverse field ising chain compound CoNb2O6 [Online resource]
Viirik, Johan; Huvonen, Dan; Rõõm, Toomas; Nagel, Urmas Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid] 2019 / 1 p <http://fntdk.ut.ee/teesid-2019/>

Spin excitations of magnetoelectric LiNiPO4 in multiple magnetic phases
Peedu, Laur; Kocsis, V.; Szaller, D.; Viirik, Johan; Nagel, Urmas; Rõõm, Toomas; Farkas, D.G.; Bordacs, S.; Kamenskyi, D.L.; Zeitler, U.; Tokunaga, Y.; Taguchi, Y.; Tokura, Y.; Kezsmarki, I. Physical review B 2019 / art. 024406, 8 p. : ill <https://doi.org/10.1103/PhysRevB.100.024406>

Spin-waves in magnetoelectric materials with strong single-ion anisotropy = Spinn-lained tugeva anisotroopiaga magnetelektrilistes materjalides
Peedu, Laur 2022 <https://doi.org/10.23658/taltech.69/2022> <https://digikogu.taltech.ee/et/Item/b0fe0699-1bc6-407d-bcce-2d0600f4ddd4>
https://www.ester.ee/record=b5527933*est

Standards for acousto-mechanical evaluation of multiscale hysteretic properties of complex material with nonlinear time reversal imaging
Dos Santos, Serge; Lints, Martin; Arruga, Denis; Masood, Ali; Salupere, Andrus Application of Contemporary Non-Destructive Testing in Engineering : conference proceedings 2017 / p. 49-57 : ill <https://www.ndt.net/search/docs.php3?showForm=off&id=22548>
<http://lab.fs.uni-lj.si/latem/ndt/userfiles/file/Conference%20proceedings.%20ICNDT%202017.pdf>

Stephen Hawkingi fenomen. Mis teeb teadlasest suure teadlase?
Kalda, Jaan Sirp 2018 / lk. 30 : fot <http://sirp.ee/s1-artiklid/c21-teadus/stephen-hawkingi-fenomen-mis-teeb-teadlasest-suure-teadlase/>

Stitching Monte Carlo samples
Ehatäht, Karl; Veelken, Christian The European Physical Journal C 2022 / art. 484, 16 p. : ill <https://doi.org/10.1140/epjc/s10052-022-10407-9>

A structurally flexible halide solid electrolyte with high ionic conductivity and air processability
Karkera, Guruprakash; Soans, Mervyn; Akbaş, Ayça; Witter, Raiker; Euchner, Holger; Diemant, Thomas; Cambaz, Musa Ali; Meng, Zhen; Dasari, Bosubabu; Chandrappa, Shivaraju Guddehalli; Menezes, Prashanth W.; Fichtner, Maximilian Advanced energy materials 2023 <https://doi.org/10.1002/aenm.202300982>

Study of Cu2CdGeSe4 monograin powders synthesized by molten salt method for photovoltaic applications
Kauk-Kuusik, Marit; Li, Xiaofeng; Pilvet, Maris; Timmo, Kristi; Grossberg, Maarja; Raadik, Taavi; Danilson, Mati; Mikli, Valdek; Altosaar, Mare; Krustok, Jüri; Raudoja, Jaan Thin solid films 2018 / p. 15-19 <https://doi.org/10.1016/j.tsf.2018.09.025> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Study of point defects in wide- bandgap Cu2CdGeS4 microcrystals by temperature and laser power dependent photoluminescence spectroscopy
Krustok, Jüri; Raadik, Taavi; Li, Xiaofeng; Kauk-Kuusik, Marit; Timmo, Kristi; Oueslati, Souhaib; Grossberg, Maarja Journal of physics D : applied physics 2020 / 10 p. : ill <https://doi.org/10.1088/1361-6463/ab83c1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Study of the development of bacterial resistance to silver-chitosan nanocomposites and cross-resistance to common antibiotics
Sihtmäe, Mariliis; Laanoja, Jüri; Otsus, Maarja; Kahru, Anne; Kasemets, Kaja (E-MRS) European Materials Research Society 2023 Spring Meeting : 40th Anniversary 2023 / art. 01914 <https://www.dropbox.com/s/w8prtknkt2ekutr/SPRING%2023%20-%20Conference%20program.pdf?dl=0>

Study of the optical properties of Sb2(Se1-xSx)3 (x = 0-1) solid solutions
Uslu, Mehmet Ender; Kondrotas, Rokas; Nedzinskas, Ramunas; Volobujeva, Olga; Timmo, Kristi; Kauk-Kuusik, Marit; Krustok, Jüri; Grossberg, Maarja Materials science in semiconductor processing 2022 / art. 106571 <https://doi.org/10.1016/j.mssp.2022.106571> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Studying the change of average waves of the Caspian Sea using the altimetry data
Rakisheva, Zaura Bayanovna; Kudryavtseva, Nadezhda; Kussembayeva, Kuanysh; Sakhayeva, Aigerim Journal of mathematics,

mechanics and computer science 2019 / p. 59-75 : ill <https://doi.org/10.26577/JMMCS-2019-1-618>

Studying upwelling phases in the Kazakhstan part of the Caspian sea

Rakishcheva, Zaure Bayanovna; **Delpeche-Ellmann, Nicole Camille**; Sakhayeva, Aigerim International journal of mathematics and physics 2020 / p. 45–50 : ill <https://doi.org/10.26577/ijmph.2020.v11.i1.06> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Suhtlemine tippteadlastega kui legaalne doping teadushuvilistele noortele, ehk, Kuidas elus faktipõhisus roogib välja libainfo ja juhuvalikud

Soomere, Tarmo Õpetajate Leht 2018 / lk. 5 : portr [https://dea.digar.ee/article/opetajateleht/2018/09/14/8.1.Suhtlemine tippteadlastega...](https://dea.digar.ee/article/opetajateleht/2018/09/14/8.1.Suhtlemine%20tippteadlastega...)

Superelevations of water level in the Gulf of Riga [Online resource]

Männikus, Rain; Soomere, Tarmo; Kudryavtseva, Nadezhda 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. 38 https://www.baltic-earth.eu/publications/IBESPublications/No_14_Workshop_Multiple_Drivers_Tallinn_Nov2018/No.14_Tallinn2018.pdf

Surface defect-enhanced conductivity of calcium fluoride for electrochemical applications

Molaiyan, Palanivel; Witter, Raiker Material design & processing communications 2019 / art. e44, 10 p. : ill <https://doi.org/10.1002/mdp2.44>

Surface vessel localization from wake measurements using an array of pressure sensors in the littoral zone

Rätsep, Margus; Parnell, Kevin Ellis; Soomere, Tarmo; Kruusmaa, Maarja; Ristolainen, Asko; Tuhtan, Jeffrey Andrew Ocean engineering 2021 / art. 109156 <https://doi.org/10.1016/j.oceaneng.2021.109156> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sõnavõtt Harald Kerese medali üleandmisel [Jaan Einastole Eesti Teaduste Akadeemia üldkogu istungil 25. septembril 2019]

Soomere, Tarmo Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2019 2020 / lk. 36 https://www.ester.ee/record=b1218094*est

Sünnipäraselt tark juht ja 500 eurot

Tõugu, Enn Postimees 2019 / lk. 19 [Akadeemik Enn Tõugu: sünnipäraselt tark juht ja 500 eurot](#)

Süsiniku eri vormid ühisel tööturul

Soomere, Tarmo KesKus 2019 / lk. 10-11 <http://kes-kus.ee/susiniiku-eri-vormid-uhisel-tooturul/>

Süsiniku eri vormid ühisel tööturul

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 288-292 <http://kes-kus.ee/susiniiku-eri-vormid-uhisel-tooturul/> https://www.ester.ee/record=b5521198*est

Symmetry breaking revealed by THz spectroscopy of magnetic excitations = Sümmeetriarikkumiste avaldumine magnetergastuste teraherts-spektrites

Amelin, Kirill 2022 <https://doi.org/10.23658/taltech.47/2022> <https://digikogu.taltech.ee/et/Item/15f23ccb-625a-455f-8592-b61b2da787d1> https://www.ester.ee/record=b5511839*est

A synergy approach for the validation of coastal altimetry data in the Baltic Sea

Delpeche-Ellmann, Nicole Camille; Pindsoo, Katri; Kudryavtseva, Nadezhda; Soomere, Tarmo 10th Coastal Altimetry workshop, 21-24 February 2017, Florence, Italy : abstracts 2017 / p. 37 <http://old.esaconferencebureau.com/docs/default-source/17c07-img/abstract-book.pdf?sfvrsn=0>

Synergy of in-situ and hydrodynamic modelling to develop machine learning strategies for dynamic vertical Reference for Maritime and Offshore Engineering

Delpeche-Ellmann, Nicole Camille; Ellmann, Artu XXVIII General Assembly of the International Union of Geodesy and Geophysics (IUGG) 2023 <https://doi.org/10.57757/IUGG23-3653>

Tailoring of bound exciton photoluminescence emission in WS2 monolayers

Kaupmees, Reelika; Grossberg, Maarja; Ney, Marcel; Krustok, Jüri Physica status solidi - rapid research letters 2020 / art. 1900355, 6 p. : ill <https://doi.org/10.1002/pssr.201900355> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Taltech avas füüsikahuvilistele mõeldud olümpiaadiklassi

postimees.ee 2023 [Taltech avas füüsikahuvilistele mõeldud olümpiaadiklassi](#)

TalTechi tarkvarateaduse instituut sai uue rakendusliku masinõppe professori

Kald, Indrek ituudised.ee 2023 [TalTechi tarkvarateaduse instituut sai uue rakendusliku masinõppe professori](#)

Tark tellija ei torma ehk miks pole ehtis selline, nagu peab?

Männikus, Rain Ehitaja 2017 / lk. 28-29 http://www.ester.ee/record=b1072123*est

Tarmo Soomere : "Kui tahame ellu jääda, tuleb tarku kuulata - mitte lapsi!"

Soomere, Tarmo KesKus 2017 / lk. 9-11 : portr

Tarmo Soomere : lõppev aasta värskendas mälu ja avas teadlaste silmad

Soomere, Tarmo novaator.err.ee 2022 [Tarmo Soomere: lõppev aasta värskendas mälu ja avas teadlaste silmad](http://www.ester.ee/record=b1072123*est)

Tarmo Soomere : maailmavaateline mitmekesisus aitab meil liigina ellu jääda

Palmiste, Greete; Soomere, Tarmo Eesti Ekspress 2019 / lk. 18-20

Tarmo Soomere : me pole osanud veel aktiivse ühiskonnaga kohaneda [Võrguväljaanne]

Soomere, Tarmo novaator.err.ee 2019 / fot [Tarmo Soomere: me pole osanud veel aktiivse ühiskonnaga kohaneda](http://www.ester.ee/record=b1072123*est)

Tarmo Soomere : mida räägivad tummad faktid kriisijärgsest homsest?

Soomere, Tarmo Äripäev 2020 / Lk. 12 : portr [Tarmo Soomere: mida räägivad tummad faktid kriisijärgsest homsest?](http://www.ester.ee/record=b1072123*est)

https://www.ester.ee/record=b2122331*est

Tarmo Soomere : minu juhtimisprobleemid on pigem suhtekorraldaja omad

Soomere, Tarmo Director. Inseneeria 2020 / lk. 10-17 . fot http://www.ester.ee/record=b2336521*est <https://director.ee/2020/01/28/tarmo-soomere-minu-juhtimisprobleemid-on-pigem-suhtekorraldaja-omad/>

Tarmo Soomere : sellised skandaalid on tulnud, et jääda [Võrguväljaanne]

Soomere, Tarmo novaator.err.ee 2019 / fot [Tarmo Soomere: sellised skandaalid on tulnud, et jääda](http://www.ester.ee/record=b1072123*est)

Tarmo Soomere : sotsiaalteadlased teavad, kui ühiskonnas on pinget kasvanud, kuid ei oska seda leevendada [Võrguväljaanne]

Soomere, Tarmo err.ee 2021 / fot [Tarmo Soomere : sotsiaalteadlased teavad, kui ühiskonnas on pinget kasvanud, kuid ei oska seda leevendada](http://www.ester.ee/record=b1072123*est)

Tarmo Soomere : teadusnõustamise tuleproov koroonakriisis [Võrguväljaanne]

Soomere, Tarmo err.ee 2020 / fot [Tarmo Soomere: teadusnõustamise tuleproov koroonakriisis](http://www.ester.ee/record=b1072123*est)

Tarmo Soomere kliimamuutusest: 2008. aasta teadmiste põhjal tegi Lippmaa õige järelduse. Oleks huvitav teada, mida ta arvaks nüüdseks lisandunud andmete valguses

Soomere, Tarmo Eesti Päevaleht 2019 / fot [Tarmo Soomere kliimamuutustest](http://www.ester.ee/record=b1072123*est)

Tarmo Soomere kliimamuutustest: „Eestil on vedanud, aga peame vaatama maailma laiemalt. Igaühe panus loeb.“

Helend-Aaviku, Katrin Õhtuleht 2020 / lk. 20-21 : ill <https://dea.digar.ee/article/oh tuleht/2020/06/27/14.1>

https://www.ester.ee/record=b1072778*est

Tarmo Soomere maailmalõpust: saime hakkama osooniauguga ja saame hakkama ka miljardi inimese ümberkolimisega - kui me ei lähe omavahel tülli

Kerge, Rainer; Soomere, Tarmo Õhtuleht 2019 / lk. 18-19

Tarmo Soomere ÜROs uuest Eesti rakendusest: riikidel tekib ka ilma kallite radariteta täielik pilt

Kald, Indrek ituudised.ee 2023 [Tarmo Soomere ÜROs uuest Eesti rakendusest: riikidel tekib ka ilma kallite radariteta täielik pilt Eestis välja töötatud tehnoloogia võimaldab laevu identifitseerida tekitatud lainete järgi ÜRO-s esitleti Eestis välja töötatud tehnoloogiat, mis ka kõige märkamatumad laevad ära tunneb](http://www.ester.ee/record=b1072123*est)

Tarmo Soomere ÜROs uuest Eesti rakendusest: riikidel tekib ka ilma kallite radariteta täielik pilt

ituudised.ee 2023 [Tarmo Soomere ÜROs uuest Eesti rakendusest: riikidel tekib ka ilma kallite radariteta täielik pilt](http://www.ester.ee/record=b1072123*est)

Tarmo Soomere, Eesti teaduste akadeemia president [teaduste akadeemia uurija-professorite ametikohtadest]

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

Tarmo Soomere, Kevin Parnell: rannad tahavad vabalt hingata [Võrguväljaanne]

Soomere, Tarmo; Parnell, Kevin Ellis postimees.ee 2021 ["Tarmo Soomere, Kevin Parnell: rannad tahavad vabalt hingata "](http://www.ester.ee/record=b1072123*est)

Tarmo Soomere: 15 aasta pärast näeme uut Põhja-mereteed ehk Kirdeväila [Võrguväljaanne]

Soomere, Tarmo postimees.ee 2021 ["Tarmo Soomere: 15 aasta pärast näeme uut Põhja-mereteed ehk Kirdeväila"](http://www.ester.ee/record=b1072123*est)

Tarmo Soomere: Afganistani teaduse areng mustast august määratusse [Võrguväljaanne]

Soomere, Tarmo postimees.ee 2021 ["Tarmo Soomere: Afganistani teaduse areng mustast august määratusse"](http://www.ester.ee/record=b1072123*est)

Tarmo Soomere: Eesti hakkab juhtima peateadurite foorumit

Soomere, Tarmo postimees.ee 2020 <https://arvamus.postimees.ee/7007496/tarmo-soomere-eesti-hakkab-juhtima-peateadurite-foorumit>

Tarmo Soomere: Eesti valikud elurikkuse ja kliima hoiul [Võrguväljaanne]

Soomere, Tarmo err.ee 2021 ["Tarmo Soomere: Eesti valikud elurikkuse ja kliima hoiul "](https://err.ee/2021/07/27/tarmo-soomere-eesti-valikud-elurikkuse-ja-kliima-hoiul)

Tarmo Soomere: eluohtlikud kiirlaevalained ründavad taas

Rooväli, Küllike; **Soomere, Tarmo** Õhtuleht 2017 / lk. 3

Tarmo Soomere: halval ajal vajame head nõu [Võrguväljaanne]

Soomere, Tarmo postimees.ee 2021 / Lk. 8 ["Tarmo Soomere: halval ajal vajame head nõu"](https://dea.digar.ee/article/postimees/2021/11/27/13.3)
<https://dea.digar.ee/article/postimees/2021/11/27/13.3>

Tarmo Soomere: Haridus ja tarkus on kaks erinevat asja [Võrguväljaanne]

Soomere, Tarmo jarvateataja.postimees.ee 2021 ["Tarmo Soomere: Haridus ja tarkus on kaks erinevat asja"](https://jarvateataja.postimees.ee/2021/07/27/tarmo-soomere-haridus-ja-tarkus-on-kaks-erinevat-asja)

Tarmo Soomere: "Inimene ise ja inimsuhted on väärtus."

Soomere, Tarmo GO Reisijakiri 2021 / lk. 10-19 : fot https://www.ester.ee/record=b2083703*est

Tarmo Soomere: julgete lahenduste kõrval viib maailma edasi vajadus midagi teha

Soomere, Tarmo Director. Inseneeria 2020 / lk. 64-69 : fot http://www.ester.ee/record=b2336521*est <https://director.ee/2020/05/01/tarmo-soomere-julgete-lahenduste-korval-viib-maailma-edasi-vajadus-midagi-teha/>

Tarmo Soomere: kaosest usaldusväärse prognoosini [Võrguväljaanne]

Soomere, Tarmo postimees.ee 2021 / Lk. 8 ["Tarmo Soomere: kaosest usaldusväärse prognoosini"](https://dea.digar.ee/article/postimees/2021/10/16/12.4)
<https://dea.digar.ee/article/postimees/2021/10/16/12.4>

Tarmo Soomere: kas kliima soojenemine toob meile jääaja? [Võrguväljaanne]

Soomere, Tarmo postimees.ee 2021 ["Tarmo Soomere: kas kliima soojenemine toob meile jääaja?"](https://postimees.ee/2021/07/27/tarmo-soomere-kas-kliima-soojenemine-toob-meile-jaaja)

Tarmo Soomere: kolm ülesannet Narva-Jõesuus [Võrguväljaanne]

Soomere, Tarmo postimees.ee 2021 / Lk. 12 ["Tarmo Soomere: kolm ülesannet Narva-Jõesuus"](https://postimees.ee/2021/07/27/tarmo-soomere-kolm-ulesannet-narva-joesuus)

Tarmo Soomere: kui meil omal taibusid pole, lähevad asjad meie käest ära

Soomere, Tarmo; Ideon, Argo Maaleht 2020 / Lk. 8-9 : portr <https://maaleht.delfi.ee/uudised/tarmo-soomere-fosforiit-voib-eestlastel-kaest-minna-nagu-laksid-ara-pangad?id=90438449> <https://dea.digar.ee/article/maaleht/2020/07/16/10.1>

Tarmo Soomere: lapik maa oli pikka aega peavool

Ideon, Argo; **Soomere, Tarmo** Maaleht 2017 / lk. 2-3

Tarmo Soomere: laste kasvatamise mõju avaldub vanemate valikute kaudu

Mallene, Laura; **Soomere, Tarmo** Eesti Päevaleht 2018 / lk. 6

Tarmo Soomere: Ma tahaksin olla ühiskonna ehitaja, kindlasti mitte selle lõhkuja

Soomere, Tarmo Postimees 2021 / lk. 6-7 : fot <https://dea.digar.ee/article/postimees/2021/07/31/8.1>

Tarmo Soomere: mets kliimadiskussiooni fookuses [Võrguväljaanne]

Soomere, Tarmo postimees.ee 2021 / Lk. 8 ["Tarmo Soomere: mets kliimadiskussiooni fookuses"](https://dea.digar.ee/article/postimees/2021/11/06/10.4)
<https://dea.digar.ee/article/postimees/2021/11/06/10.4>

Tarmo Soomere: mida targemad oleme, seda tugevamad oleme [Võrguväljaanne]

Soomere, Tarmo err.ee 2021 ["Tarmo Soomere: mida targemad oleme, seda tugevamad oleme"](https://err.ee/2021/07/27/tarmo-soomere-mida-targemad-oleme-seda-tugevamad-oleme)

Tarmo Soomere: „Oleme elus tänu sellele, et loodus on meie liitlane. Tulevikus ei pruugi see enam nii olla.“

Soomere, Tarmo Õhtuleht 2020 / Lk. 4-5 : portr <https://www.oh tuleht.ee/991224/tarmo-soomere-oleme-elus-tanu-sellele-et-loodus-on-meie-liitlane-tulevikus-ei-pruugi-see-enam-nii-olla-> https://www.ester.ee/record=b1408161*est

Tarmo Soomere: praegu on olukord, kus teaduslik teadmine ei muutu nädalate ega päevadega vaid tundidega

Soomere, Tarmo; Täll, Kaarel Õhtuleht 2020 / Lk. 4-5 : portr <https://dea.digar.ee/article/oh tuleht/2020/08/24/3.10>

Tarmo Soomere: puidust tehtud elektri peidetud väärtus [Võrguväljaanne]

Soomere, Tarmo postimees.ee 2022 ["Tarmo Soomere: puidust tehtud elektri peidetud väärtus"](https://postimees.ee/2022/07/27/tarmo-soomere-puidust-tehtud-elektri-peidetud-vaartus)

Tarmo Soomere: rohepööre kui teaduse ja tehnoloogia arendamise küsimus [Võrguväljaanne]

Soomere, Tarmo postimees.ee 2021 ["Tarmo Soomere: rohepööre kui teaduse ja tehnoloogia arendamise küsimus"](#)

Tarmo Soomere: sada aastat liidus loodusega [Võrguväljaanne]

Soomere, Tarmo err.ee 2021 ["Tarmo Soomere: sada aastat liidus loodusega"](#)

Tarmo Soomere: teaduslikud andmed päästavad või hoopiski tapavad

Soomere, Tarmo postimees.ee 2022 [Arvamus link](#)

Tarmo Soomere: teadustöö eetikakoodeksi rakendamine teadlase kaitseks

Soomere, Tarmo err.ee 2023 [Tarmo Soomere: teadustöö eetikakoodeksi rakendamine teadlase kaitseks](#) [Teadustöö eetikakoodeksi rakendamine teadlase kaitseks](#)

Tarmo Soomere: tuleviku võti on elektriiaam minu aias

Soomere, Tarmo Postimees 2020 / fot <https://arvamus.postimees.ee/7073454/tarmo-soomere-tuleviku-voti-on-elektriiaam-minu-aias>

Tarmo Soomere: Ukraina vajab Eesti kogemust teadussüsteemi muutmisel

arvamus.postimees.ee 2022 <https://arvamus.postimees.ee/7607078/tarmo-soomere-ukraina-vajab-eesti-kogemust-teadussusteemi-muutmisel>

Tarmo Soomere: vaidlus vesiniku ümber kisub jaburaks

Soomere, Tarmo Postimees 2020 / Lk. 14 : fot <https://dea.digar.ee/article/postimees/2020/09/08/14.2>
<https://dea.digar.ee/article/postimees/2020/09/04/11.4>

Tarmo Soomere: ühiskonnal pole ükskõik, mida ja kuidas teadlased teevad [Võrguväljaanne]

Soomere, Tarmo Postimees 2019 / fot [Tarmo Soomere: ühiskonnal pole ükskõik, mida ja kuidas teadlased teevad](#)

Tartu volikogu ei soovi puidurafineerimistehast

Ladva, Asso; **Soomere, Tarmo** Õhtuleht 2018 / lk. 2

Teadlane selgitab: miks saab ainult märjast liivast lossi ehitada?

postimees.ee 2023 [Teadlane selgitab: miks saab ainult märjast liivast lossi ehitada?](#)

Teadlane vastab : kuidas satub hapnik merede põhja? [Võrguväljaanne]

Soomere, Tarmo Eesti Teaduste Akadeemia : Youtube kanal 2020 / video [Teadlane vastab: kuidas satub hapnik merede põhja?](#)

Teadlane vastab : kuidas tekivad ookeanides prügisaares? [Võrguväljaanne]

Soomere, Tarmo Eesti Teaduste Akadeemia : Youtube kanal 2019 / video [Teadlane vastab: kuidas tekivad ookeanides prügisaares?](#)

Teadlane vastab : miks on merel vahel lained ka vaikse ilmaga? [Võrguväljaanne]

Soomere, Tarmo Eesti Teaduste Akadeemia : Youtube kanal 2020 / video [Teadlane vastab: miks on merel vahel lained ka vaikse ilmaga?](#)

Teadlane vastab : millal hakkavad arvutid mõtlema nagu inimesed? [Võrguväljaanne]

Tõugu, Enn Eesti Teaduste Akadeemia : Youtube kanal 2019 / video [Teadlane vastab: millal hakkavad arvutid mõtlema nagu inimesed?](#)

Teadlane vastab: kuidas mõjutab inimese kehakaal saunaskäiku?

Kalda, Jaak novaator.err.ee 2023 [Teadlane vastab: kuidas mõjutab inimese kehakaal saunaskäiku?](#)

Teadlased peavad okupeerima Facebooki!

Soomere, Tarmo Eesti Loodus 2018 / lk. 44-49 : fot http://www.ester.ee/record=b1072059*est

Teadlased: Eesti saaks merealust taristut valvata veealuste mikrofonidega

Scientists: Estonia could monitor undersea infrastructure with microphones

Эстония могла бы контролировать подводные кабели с помощью микрофонов

Piir, Rait novaator.err.ee 2023 [Teadlased: Eesti saaks merealust taristut valvata veealuste mikrofonidega](#) [Scientists: Estonia could monitor undersea infrastructure with microphones](#) [Эстония могла бы контролировать подводные кабели с помощью микрофонов](#)

Teadlasi ähvardavad geopoliitika hammasrattad

Soomere, Tarmo Eesti Päevaleht 2021 / Lk. 3 <https://dea.digar.ee/article/eestipaevaleht/2021/06/08/5.4>

Teadlaskarjääri mudel kui riigi konkurentsivõime tugi

Soomere, Tarmo; Niinemets, Ülo; Niglas, Katrin; Pilt, Randma-Liiv, Tiina Riigikogu Toimetised 2018 / lk. 191-203 : ill https://www.ester.ee/record=b1361123*est <https://rito.riigikogu.ee/>

Teadlaste argumendid lammutavad puidu põletamist soosivat maksumüüri

Soomere, Tarmo Postimees 2020 / Lk. 6-7 : fot <https://dea.digar.ee/article/ak/2020/09/05/4.2>

Teadlaste argumendid lammutavad puidu põletamist soosivat maksumüüri

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 266-268 https://www.ester.ee/record=b5521198*est
<https://dea.digar.ee/article/ak/2020/09/05/4.2>

Teadmised sisalduvad ainult andmetes

Tõugu, Enn Akadeemia 2018 / lk. 1956-1965 http://www.ester.ee/record=b1071914*est

Teadmistest ja ennustustest

Engelbrecht, Jüri Akadeemia 2019 / lk. 1169-1187 <https://w3u.akad.ee/akadeemia-nr-7-2019-pdf/>

Teadmistest ja haridusest

Engelbrecht, Jüri Terve, tark ja kartlik? Infoinimene 100-aastases Eestis : METSAÜLIKOOL EESTIS 2015–2019 2020 / lk. 15-23
https://www.ester.ee/record=b5363710*est

Teadur Ago Samoson: e-hääletus on siiani seisnud vaid valijate usaldusel. Inimestel peab olema ülevaade oma hääle saatusest

Karlep, Ivo; Samoson, Ago pealinn.ee 2023 [Teadur Ago Samoson: e-hääletus on siiani seisnud vaid valijate usaldusel. Inimestel peab olema ülevaade oma hääle saatusest](#)

Teadus ja ühiskond

2018 https://www.ester.ee/record=b5161884*est https://www.ester.ee/record=b5208312*est

Teadus kolme minutiga : 2015-2016

2017 http://www.ester.ee/record=b4654069*est

Teadus usupõhjatus ühiskonnas

Soomere, Tarmo Sirp 2017 / lk. 22-23 : fot <http://sirp.ee/s1-artiklid/c21-teadus/teadus-usupohjatus-uhiskonnas/>

Teadus usupõhjatus ühiskonnas

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 248-256 https://www.ester.ee/record=b5521198*est
<http://sirp.ee/s1-artiklid/c21-teadus/teadus-usupohjatus-uhiskonnas/>

Teaduse eesliini nihutades

Engelbrecht, Jüri Eesti Vabariigi preemiad 2020 : teadus. F. J. Wiedemanni keeleauhind. Sport. Kultuur. Haridus 2020 / lk. 38-40
https://www.ester.ee/record=b1226072*est

Teaduse ja ettevõtluse koostöö konarlik tee

Soomere, Tarmo Elektriala 2020 / lk. 8-10 : portr http://www.ester.ee/record=b1240496*est

Teaduse sõltumatus kui helge minevik

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 166-169 https://www.ester.ee/record=b5521198*est

Teaduse särav esikülg ja keerukad tagahoovid

Tõugu, Enn Postimees 2018 / AK, lk. 8 [Enn Tõugu: teaduse särav esikülg ja keerukad tagahoovid](#)

Teaduse tegemine ei tohi kütta Maa kliimat

Soomere, Tarmo Postimees 2022 / Lk. 8 <https://dea.digar.ee/article/postimees/2022/05/14/11.4>

Teaduskorraldusest Eestis : minevik ja tulevik

Engelbrecht, Jüri; Tammiksaar, Erki Riigikogu Toimetised 2019 / lk. 29-39 https://www.ester.ee/record=b1361123*est
https://rito.riigikogu.ee/wordpress/wp-content/uploads/2019/12/RiTo_40_sisu.pdf

Teadusmaastiku parem pool

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 293 ["Austus ilu ja tarkuse väele, aga juba teist aastat glamuurita"](#)
https://www.ester.ee/record=b5521198*est

Teadusmõte Eestis : [artiklikogumik]

2019 https://www.ester.ee/record=b5208765*est

Teadusnõustamine Eesti kontekstis

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 376-392 https://www.ester.ee/record=b1361123*est
https://www.ester.ee/record=b5521198*est

Teadusnõustamine Eesti kontekstis

Soomere, Tarmo Riigikogu Toimetised 2022 / lk. 167-176, 226-227 https://www.ester.ee/record=b1361123*est

Teadusnõustamise tuleproov

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 257-265 https://www.ester.ee/record=b5521198*est
<https://www.sirp.ee/s1-artiklid/c21-teadus/teadusnoustamise-tuleproov/>

Teadusnõustamise tuleproov

Soomere, Tarmo Sirp 2020 / lk. 22-23 : fot <https://www.sirp.ee/s1-artiklid/c21-teadus/teadusnoustamise-tuleproov/>
https://www.ester.ee/record=b5330767*est

Teaduspreemiate komisjoni esimehe tervitus. Laureaatide tutvustus

Soomere, Tarmo Eesti Vabariigi preemiad 2023 : teadus. F. J. Wiedemanni keeleauhind. Sport. Kultuur. Haridus 2023 / lk. 16-20
https://www.ester.ee/record=b1226072*est

Teaduspreemiate komisjoni esimehe tervitus, laureaatide tutvustus

Soomere, Tarmo Eesti Vabariigi preemiad 2018 : teadus. F. J. Wiedemanni keeleauhind. Kultuur. Sport 2018 / lk. 12-20

Teaduspreemiate komisjoni esimehe tervitus, laureaatide tutvustus

Soomere, Tarmo Eesti Vabariigi preemiad 2017 : teadus. F. J. Wiedemanni keeleauhind. Kultuur. Sport 2017 / lk. 12-19
http://www.ester.ee/record=b1226072*est

Teaduspreemiate komisjoni esimehe tervitus. Laureaatide tutvustus

Soomere, Tarmo Eesti Vabariigi preemiad 2020 : teadus. F. J. Wiedemanni keeleauhind. Sport. Kultuur. Haridus 2020 / lk. 18-25
https://www.ester.ee/record=b1226072*est

Teaduspreemiate komisjoni esimehe tervitus. Laureaatide tutvustus

Soomere, Tarmo Eesti Vabariigi preemiad 2019 : teadus. F. J. Wiedemanni keeleauhind. Kultuur. Sport 2019 / lk. 12-19
https://www.ester.ee/record=b1226072*est

Teaduspreemiate komisjoni esimehe tervitus. Laureaatide tutvustus

Soomere, Tarmo Eesti Vabariigi preemiad 2021 : teadus. F. J. Wiedemanni keeleauhind. Sport. Kultuur. Haridus 2021 / lk. 14-18
https://www.ester.ee/record=b1226072*est

Teaduspärastlõuna (XIII) "Energeetika väljakutsed" : [25. augustil 2020]

Sutter, Hando; Veskimägi, Taavi; **Soomere, Tarmo** Eesti Teaduste Akadeemia sõnas ja pildis 2020 2021 / lk. 50-71 : ill., fot

Teaduspärastlõuna XIX. Euroopa tööstuse rohepööre: kriitilistest maavaradest rohetehnoloogiateni [Võrguväljaanne]

Soomere, Tarmo Eesti Teaduste Akadeemia : Youtube kanal 2021 / video [Teaduspärastlõuna XIX. Euroopa tööstuse rohepööre: kriitilistest maavaradest rohetehnoloogiateni](#)

Teadusrahastuse baas laieneb

Soomere, Tarmo postimees 2019 / lk. 19 [Tarmo Soomere: ühiskonnal pole ükskõik, mida ja kuidas teadlased teevad](#)

Teaduste akadeemia : kulu või konkurentsieelis

Soomere, Tarmo Riigikogu Toimetised 2019 / lk. 41-53 https://www.ester.ee/record=b1361123*est <https://rito.riigikogu.ee/nr-40/teaduste-akadeemia-kulu-voi-konkurentsieelis/>

Teaduste akadeemia : kulu või konkurentsieelis

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 323-342 https://www.ester.ee/record=b5521198*est
https://www.ester.ee/record=b1361123*est <https://rito.riigikogu.ee/nr-40/teaduste-akadeemia-kulu-voi-konkurentsieelis/>

Teaduste akadeemia saab järgmisel aastal rahvusvahelise teadusnõukoja eesistujaks

Soomere, Tarmo Eesti Elu : [Kanada ajaleht] 2021 / lk. 3 : portr

Teaduste Akadeemia valis presidendiks tagasi Tarmo Soomere [Võrguväljaanne]

novaator.err.ee 2019 / fot [Teaduste Akadeemia valis presidendiks tagasi Tarmo Soomere](#)

Teaduste akadeemiate pikk tee heaks nõustajaks

Soomere, Tarmo Akadeemia 2018 / lk. 1559-1581 http://www.ester.ee/record=b1071914*est

Teaduste akadeemiate pikk tee heaks nõustajaks

Soomere, Tarmo Teadus ja ühiskond 2018 / lk. 78-90 : fot

Teeme pabervalimised ühetaolisteks e-valimistega

Samoson, Ago Postimees 2023 <https://dea.digar.ee/article/postimees/2023/10/25/11.10>

Tehnikateaduste valdkonna aastapreemia tööde tsükli "Uute 2D- ja 3D-mitmikpooljuhtide optiline spektroskoopia" eest. Uute 2D- ja 3D-mitmikpooljuhtide optiline spektroskoopia

Grossberg, Maarja; Krustok, Jüri Eesti Vabariigi preemiad 2021 : teadus. F. J. Wiedemanni keeleauhind. Sport. Kultuur. Haridus 2021 / lk. 94-110 : fot., ill https://www.ester.ee/record=b1226072*est

Temperature changes accompanying signal propagation in axons

Tamm, Kert; Engelbrecht, Jüri; Peets, Tanel Journal of non-equilibrium thermodynamics 2019 / p. 277-284 : ill <https://doi.org/10.1515/jnet-2019-0012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Temperature dependent optical and electrical characterization of SnS/CdS solar cell

Raadik, Taavi; Spalatu, Nicolae; Krustok, Jüri; Josepson, Raavo; Grossberg, Maarja Thin Solid Films 2022 / art. 139069 <https://doi.org/10.1016/j.tsf.2021.139069> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ten years of the renewed Proceedings of the Estonian Academy of Sciences

Engelbrecht, Jüri; Järv, Jaak Proceedings of the Estonian Academy of Sciences 2018 / p. 303-304 : phot http://www.kirj.ee/public/proceedings_pdf/2018/issue_4/proc-2018-4-303-304.pdf https://www.ester.ee/record=b2355998*est

Tensor series expansion of a spherical function for the use in constitutive theory of materials containing orientable particles

Herrmann, Heiko; Beddig, Miriam Proceedings of the Estonian Academy of Sciences 2018 / p. 73-92 : ill <https://doi.org/10.3176/proc.2018.1.04> http://www.ester.ee/record=b2355998*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)