

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

A software platform to collect and store GPS drifter data

Giudici, Andrea; Soomere, Tarmo 2019 European Space Agency Living Planet Symposium 2019 / 1 p

<https://lps19.esa.int/NikaWebsitePortal/living-planet-symposium-2019/lps19/Speaker>

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

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

The absence of active creatine kinase system influences cardiac calcium handling

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

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

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

Academies and knowledge management

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

Academies and the information-rich society

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

Accurate dynamic topography by satellite altimetry and marine geoid model

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

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

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

Achieving the sustainable development goals: concepts and actors

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

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

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

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

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

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 määramatusse

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 / 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]

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

Droplet image analysis with user-friendly freeware CellProfiler

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

Dual-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 lseend 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-eesti-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/eesti-merenduse-ajalugu/>

Eesti pühakodade kivimüüride niiskuskahjustused ja sooldumine

Kurik, Lembit; Sinivee, Veljo Pühakodade säilitamine ja areng 2014–2018 2019 / lk. 35-41 : ill
https://www.ester.ee/record=b5195834*est

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

[Eesti Teaduste Akadeemia] 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.borenv.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 riigeksamist [2018]

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

Eksaminandile matemaatika riigeksamist [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.cmcdn.dk/medialibrary/010C1367-E991-4A33-AB10-1953247E9C23/66B785FC-3925-ED11-84B6-00155D0B0940.pdf> <https://www.conferencemanager.dk/nkg-2022/sessions>

Examining surface circulation patterns of the Baltic Sea using satellite data, ocean models and in-situ observations

Delpeche-Ellmann, Nicole Camille; Torsvik, Tomas; Soomere, Tarmo Sentinel-3 for Science Workshop: Abstract Book 2015 / p. 284 http://seom.esa.int/S3forScience2015/page_session28.php

Examining the performance of along track multi-mission satellite altimetry – a case study for Sentinel-6

Heinoja, Lenne-Liisa; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu Journal of geodetic science 2023 / art. 20220159 <https://doi.org/10.1515/jogs-2022-0159>

Examining the performance of satellite altimetry along track sea level data for Sentinel-6, Jason3 and Sentinel-3

Heinoja, Lenne-Liisa; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu Nordic Geodetic Commission General Assembly 2022 in Copenhagen : Poster Session 2022 / 24 l. <https://medialib.cmcdn.dk/medialibrary/010C1367-E991-4A33-AB10-1953247E9C23/530AEABD-3A25-ED11-84B6-00155D0B0940.pdf>

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

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

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

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

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

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

Experimental evaluation and numerical modelling residual stresses in glass panel

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

Experimental observation of quantum many-body excitations of E8 symmetry in the Ising chain ferromagnet CoNb2O6

Amelin, Kirill; Engelmayer, Johannes; Viirik, Johan; Nagel, Urmas; Rööm, Toomas; Lorenz, Thomas; Wang, Zhe Physical review B 2020 / art. 104431, 5 p. : ill <https://doi.org/10.1103/PhysRevB.102.104431>

Experimental verification of dispersive wave propagation on guitar strings

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

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

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

Exploring the academies of sciences of the southern hemisphere

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

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.ijrmhm.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 koroona kriisi juhtimisele Eestis [Võrguväljaanne]

Fischer, Krista; Kadastik, Mario err.ee 2021 ["Fischer ja Kadastik: andmepõhine tugi koroona kriisi 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, Mihhail; 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.iiav.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](#)

Füüsikaproffessor: riiklikul tuumaenergiaraportil on suur puudujääk

Laast, Joanna delfi.ee 2024 [Füüsikaproffessor: 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; Krunks, Malle Proceedings of the Estonian Academy of Sciences 2018 / p. 124–130 : ill <https://doi.org/10.3176/proc.2018.2.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

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

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

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

General Assembly on 19 April 2017 : closing remarks

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

General Assembly on 19 April 2017 : opning address

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

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 sattuvaks kivis on süüdi kurjad vaimud või lihtne füüsika?

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

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 Brauwer, 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](#)

Il paneel. Teadus õppimise sisusse panustajana

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

Ilmar Kleisi uuringutest

Kutser, Mati Vaateid mehaanikale Eestis : 1918-2018 2019 / lk. 120-121

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"](https://www.postimees.ee/2021/04/01/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.; Viirok, Johan; Peedu, Laur; Rõõm, Toomas; Nagel, Urmas; Kocsis, V.; Tokunaga, Y.; Taguchi, Y.; Tokura, Y.; Kezsmarki, I.;

Balla, P.; Penc, K.; Romhányi, J.; Bordacs, S. Physical review letters 2021 / art. 157201, 6 p. : ill

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

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. 97-110 https://doi.org/10.1007/978-3-030-00868-0_7 [Article collection metrics at Scopus](#) [Article at Scopus](#)

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

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

Influencing factors of moisture measurement when using microwave reflection method

Kurik, Lembit; Kalamees, Targo; Kallavus, Urve; Sinivee, Veljo Energy procedia 2017 / p. 159-164 : ill <https://doi.org/10.1016/j.egypro.2017.09.675>

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>

Jätkusuutlikud 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 Teejuhik 2021 / Lk. 9 <https://teejuhik.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 asendatus 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 mitteparameetriline matemaatiline statistika : õpik kõrgkoolidele

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

Kliimamuutus : mööduv kerge palavik või äratuskell?

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

Kliimamuutuste 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-uu-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-uu-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/>

[Kommentaar 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 koroonata ehk Pärjaviirus akadeemikute hambus

Soomere, Tarmo Sirp 2021 / lk. 34-36 : ill <https://sirp.ee/s1-artiklid/c21-teadus/krooniga-voi-koroonata-ehk-pargviirus-akadeemikute-hambus/>

Krooniga või koroonata, 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-koroonata-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-koroonata-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?](http://www.postimees.ee/2019/06/13/enn-toogu-kuidas-jouda-uuringutest-majanduskasvuni/)

Kuidas kauge ja külm Lõunaookean meie kliimat säilitab?

Soomere, Tarmo Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2016 2017 / lk. 58-60 : portr http://www.ester.ee/record=b1218094*est

Kuidas kiiresti põlevkivi kvaliteeti määrata?

toostusuudised.ee 2023 [Kuidas kiiresti põlevkivi kvaliteeti määrata?](https://toostusuudised.ee/2023/05/10/kuidas-kiiresti-polevkivi-kvaliteeti-maarata/)

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?](http://www.postimees.ee/2018/05/09/enn-toogu-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?](https://pealinn.ee/2023/05/10/kuidas-voib-nimetada-valimisi-uhetaolisteks-kui-e-haalt-saab-muuta-paberil-antud-haalt-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?](https://postimees.ee/2023/05/10/kust-tulevad-pilved-ja-miks-on-runkpilvede-alumine-aaer-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 laineuurija 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](https://novaator.err.ee/2023/05/10/kubeke-suveteadust-miks-grillvorstid-pikkupidi-lohkevad/)

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](#)

Low altitude solar magnetic reconnection, type III solar radio bursts, and X-ray emissions

Cairns, I.H.; Lobzin, V.V.; Donea, A.; **Kudryavtseva, Nadezhda** Scientific reports 2018 / art. 1676, p. 1-12 : ill

<https://doi.org/10.1038/s41598-018-19195-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Lugeja küsib : kas sildade all on jää õhem kui mujal?

Reimann, Andres novaator.err.ee 2024 [Lugeja küsib : kas sildade all on jää õhem kui mujal?](#)

Lugeja küsib: kuidas vältida fotol punaseid silmi?

Kalda, Jaan novaator.err.ee 2023 [Lugeja küsib: kuidas vältida 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?"](#)

Lugeja küsib: miks talvel laevad (näiliselt) õhku tõusevad? [Võrguväljaanne]

Kalda, Jaan novaator.err.ee 2021 "[Lugeja küsib: miks talvel laevad \(näiliselt\) õhku tõusevad?](#)"

Lugesin üht raamatut : [Furtado, P. (ed.) "Histories of nations : how their identities were forged"]

Engelbrecht, Jüri Horisont 2020 / lk. 60-61 : ill https://www.ester.ee/record=b1072243*est

A luminescence study of Cu₂ZnSnSe₄/Mo/glass films and solar cells with near stoichiometric copper content

Yakushev, M. V.; Sulimov, M. A.; Marquez-Prieto, J.; Krustok, Jüri Journal of physics D : applied physics 2019 / art. 055502, 10 p. : ill

<https://doi.org/10.1088/1361-6463/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](#)

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, Maido; 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](#)

Material and debris transport patterns in Moreton Bay, Australia : the influence of Lagrangian coherent structure

Suara, Kabir Adewale; Khanarmuei, Mohammadreza; Ghosh, Anusmriti; Yu, Yingying; Zhang, Hong; **Soomere, Tarmo**; Brown, Richard J. Science of the total environment 2020 / art. 137715 <https://doi.org/10.1016/j.scitotenv.2020.137715> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mathematics of nerve signals

Peets, Tanel; Tamm, Kert Applied wave mathematics II : selected topics in solids, fluids, and mathematical methods and complexity 2019 / p. 207-238 https://doi.org/10.1007/978-3-030-29951-4_10 https://www.ester.ee/record=b5303400*est

Mathematics. Special Issue "Inverse and Ill-Posed Problems"

2020 https://www.mdpi.com/journal/mathematics/special_issues/Inverse_Ill-posed_Problems

Me ei oska tarku inimesi hoida

Soomere, Tarmo Äripäev 2019 / lk. 12

Measurement of Higgs boson couplings in final states featuring multiple leptons and hadronic τ decay products = Higgsi bosoni seoseparameetrite mõõtmine mitmeid leptoneid ja hadronilisi τ laguprodukte sisaldavates lõppolekutes

Ehatäht, 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.; **Ehatäht, Karl** The European Physical Journal C 2021 / art. 378, 51 p. : ill <https://doi.org/10.1140/epjc/s10052-021-09014-x>

Measurements of long waves in Port of Klaipėda, Lithuania

Kelpšaitė-Rimkienė, Loreta; **Soomere, Tarmo**; Bagdanavičiute, 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**; Bagdanavičiute, 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 Математички 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 arwab uus president Rail Balticust?

Samoson, Ago Postimees 2021 / Lk. 11 <https://dea.digar.ee/article/postimees/2021/08/06/12.7>

Mida peaks teadma vikerkaare kohta ja kust seda otsida?

Einama, Kaido Arvamus, kultuur : [ajalehe Postimees lisa] 2023 / Lk. 9 <https://dea.digar.ee/article/ak/2023/08/19/6.2>

Mida peaks teadma vikerkaare kohta ja kust seda otsida?

Kalda, Jaan postimees.ee 2023 [Mida peaks teadma vikerkaare kohta ja kust seda otsida?](#)

Mida targemad oleme, seda tugevamad oleme : [kõne Paide peaväljakul aktsiooni "33 kõnet" raames 31.05.2021]

Soomere, Tarmo 33 kõnet : Paide 3000 2021 / lk. 46-58 https://www.ester.ee/record=b5452686*est

Mida targemad oleme, seda tugevamad oleme : [kõne Paide peaväljakul aktsiooni "33 kõnet" raames 31.05.2021]
Soomere, Tarmo 2022 / lk. 15-24 https://www.ester.ee/record=b5521198*est

Mida toob rahvusülikoolile uus sajand?

Pärismaa, Sirje; Asser, Toomas Õpetajate Leht 2019 / Lk. 2-3 <https://opleht.ee/2019/12/mida-toob-rahvusulikoolile-uus-sajand/>
https://www.ester.ee/record=b1072753*est

Mihhail Bronštein 23. I 1923 Peterburi – 9. IV 2022 Genf : In memoriam

Soomere, Tarmo Sirp 2022 / lk. 37 <https://www.sirp.ee/s1-artiklid/c21-teadus/mihhail-bronstein-23-i-1923-peterburi-9-iv-2022-genf/>

Mihhail Bronšteini nimelised majandusteaduste preemiad pälvisid Anneli Kaasa ja Karsten Staehr

jarvateataja.postimees.ee 2023 [Mihhail Bronšteini nimelised majandusteaduste preemiad pälvisid Anneli Kaasa ja Karsten Staehr](#)

Mihkel Veiderma : 27. detsember 1929 - 25. oktoober 2018

Soomere, Tarmo Eesti Loodus 2018 / lk. 69 : portr http://www.ester.ee/record=b1072059*est

Miks 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-earth.eu/publications/IBESPublications/No_13_Helsingor_Proceedings/2ndBalticEarthConferenceProceedings_IBESP_No13_web.pdf

Modelling non-stationary loads induced by changing climate : [plenary lecture]

Kudryavtseva, Nadezhda 33rd Nordic Seminar on Computational Mechanics, Jönköping 25-26 November 2021 / 1 p <https://congress.cimne.com/NSCM-33/Admin/Files/FileAbstract/a41.pdf>

Modelling of complex signals in nerves

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

Modelling of internal waves in the Baltic Sea

Kurkin, Andrey; Pelinovsky, Efim; Talipova, Tatyana; Soomere, Tarmo Фундаментальная и прикладная гидрофизика 2018 / p. 8-20 <https://doi.org/10.7868/S2073667318020016> [Journal metrics at Scopus](#) [Article at Scopus](#)

Modelling of processes in nerve fibres at the interface of physiology and mathematics

Engelbrecht, Jüri; Tamm, Kert; Peets, Tanel Biomechanics and modeling in mechanobiology 2020 / p. 2491–2496 <https://doi.org/10.1007/s10237-020-01350-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modelling residual stresses in glass structures

Õunapuu, Erko; Anton, Johan; Klauson, Aleksander AIP conference proceedings 2019 / art. 330007 <https://doi.org/10.1063/1.5114345> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

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/NikaWebsitePortal/living-planet-symposium-2019/lps19/Speaker>

Multi-nodal nano-actuator pacemaker for energy-efficient stimulation of cardiomyocytes

Lu, Pengfei; Velešić, 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>

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 vaikselt lootusetuseni

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 60-62 https://www.ester.ee/record=b5521198*est

Muutuvate interpretatsioonide mälu

Soomere, Tarmo Sirp 2019 / lk. 5-6 : fot https://www.ester.ee/record=b1072938*est <https://sirp.ee/s1-artiklid/c21-teadus/muutuvate-interpretatsioonide-malu/>

Mõtlemine kaugemale tänasest päevast

Engelbrecht, Jüri postimees.ee 2023 / Lk. 8 [Mõtlemine kaugemale tänasest päevast https://dea.digar.ee/article/postimees/2023/10/28/9.4](https://dea.digar.ee/article/postimees/2023/10/28/9.4)

Mõtteid kriisidest

Engelbrecht, Jüri; Kitt, Robert Akadeemia 2020 / lk. 983-996 https://www.ester.ee/record=b1071914*est

Mõtteloo mõtestamisest

Engelbrecht, Jüri Sirp 2018 / lk. 32

Mõõtes teadust kujundame kultuuri

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 40-43 https://www.ester.ee/record=b5521198*est

Mäng kolme džinniga tõukab Eesti kliimamuutuste epitsentrisse [Võrguväljaanne]

Oidermaa, Jaan-Juhan; **Soomere, Tarmo** novaator.err.ee 2020 / fot [Mäng kolme džinniga tõukab Eesti kliimamuutuste epitsentrisse](https://novaator.err.ee/2020/09/01/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; Krunks, Malle; Mikli, Valdek Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p <http://fntdk.ut.ee/teesid/>

NMR assignment of methyl groups in immobilized proteins using multiple-bond ¹³C homonuclear transfers, proton detection, and very fast MAS

Paluch, Piotr; Augustyniak, Rafal; **Org, Mai-Liis; Vanatalu, Kalju; Kaldma, Ats; Samoson, Ago**; Stanek, Jan Frontiers in Molecular Biosciences 2022 / Art. 828785 <https://doi.org/10.3389/fmolb.2022.828785> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Nonlinear wave interaction for material characterization

Ravasoo, Arvi 4th EUROMECH : Solid Mechanics Conference, Metz, France, June 26-30, 2000 : book of abstracts II, general sessions 2000 / p. 706

Nonlinear waves in continuous media

Engelbrecht, Jüri Encyclopedia of Continuum Mechanics 2018 https://doi.org/10.1007/978-3-662-53605-6_235-1

Nonlinear waves in continuous media

Engelbrecht, Jüri Encyclopedia of Continuum Mechanics 2020 https://doi.org/10.1007/978-3-662-55771-6_235

Non-stationarity of sea level extremes caused by abrupt changes in atmospheric circulation in the Gulf of Riga (Baltic Sea)

Kudryavtseva, Nadezhda; Soomere, Tarmo; Männikus, Rain American Geophysical Union, Fall Meeting 2020 2020 / abstract <https://ui.adsabs.harvard.edu/abs/2020AGUFMNH0380003K/abstract>

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

Kudryavtseva, Nadezhda; Soomere, Tarmo; Männikus, Rain Natural Hazards and Earth System Sciences 2021 / p. 1279-1296 : ill <https://doi.org/10.5194/nhess-21-1279-2021> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Non-Stationary extreme value modeling of trends in extreme water levels in the Gulf of Finland

Kudryavtseva, Nadezhda; Pindsoo, Katri; Soomere, Tarmo From small scales to large scales - The Gulf of Finland Science Days 2017, 9th-10th October 2017, Estonian Academy of Sciences, Tallinn : Oral presentations 2017 / p. 26

Nonstationary modeling of extremes in water levels along the Baltic Sea coast [Online resource]

Kudryavtseva, Nadezhda; Pindsoo, Katri; Soomere, Tarmo 2nd Baltic Earth Conference The Baltic Sea in Transition : Helsingør, Denmark, 11 to 15 June 2018 : conference proceedings 2018 / p. 92-93 : ill https://www.baltic-earth.eu/publications/IBESPublications/No_13_Helsingor_Proceedings/2ndBalticEarthConferenceProceedings_IBESP_No13_web.pdf

Non-stationary modeling of trends in extreme water level changes along the Baltic Sea coast

Kudryavtseva, Nadezhda; Pindsoo, Katri; Soomere, Tarmo Journal of coastal research Proceedings of the 15th International Coastal Symposium, Haeundae, Busan, 13-18 May 2018 2018 / p. 586-590 <https://doi.org/10.2112/SI85-118.1> Conference Proceedings at Scopus Article at Scopus Conference Proceedings at WOS Article at WOS

Non-stationary modeling reveals strong connection between extreme water level changes and NAO along the Baltic Sea coast

Kudryavtseva, Nadezhda; Soomere, Tarmo Abstracts : [BSSC 2019] 2019 / p. 111 https://www.su.se/polopoly_fs/1.446756.1566224624!/menu/standard/file/abstracts_A5_ny.pdf

Non-supersymmetric SO(10) models with Gauge and Yukawa coupling unification

Djouadi, Abdelhak; Fonseca, Renato; **Ouyang, Ruiwen**; Raidal, Martti The European Physical Journal C 2023 / art. 529, 25 p. : ill <https://doi.org/10.1140/epjc/s10052-023-11696-4>

A note on the cosine operator function for Mellin sampling series

Kivinukk, Andi; **Tamberg, Gert** Sampling theory signal processing and data analysis 2024 / 16 p <https://doi.org/10.1007/s43670-023-00081-7>

Novel lipophilic fluorophores with highly acidity-dependent two-photon response

Rammo, Matt; Trummel, Aleksander; Uudsemaa, Merle; Pahapill, Jüri; Petritsenko, Katrin; Sildoja, Meelis-Mait; Stark, Charles William; Selberg, Sigrid; Leito, Ivo; Palmi, Kristi; Adamson, Jasper; Rebane, Aleksander Chemistry : a European journal 2022 / p. e202103707 <https://doi.org/10.1002/chem.202103707>

Numerical analysis of nonlinear wave propagation = Mittelineaarse lainelevi numbriline analüüs

Ratas, Mart 2020 https://www.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; Rõõm, Toomas; Dey, Tusharkanti; Nugroho, Agustinus Agung; Lorenz, Thomas; Wu, Jianda; Wang, Zhe Physical review B 2020 / art. 220411, 6 p. : ill

<https://doi.org/10.1103/PhysRevB.101.220411>

Observations of Lagrangian transport using a synergy of satellite and in-situ surface drifters in the Baltic Sea for the period 2011-2018

Delpeche-Ellmann, Nicole Camille; **Giudici, Andrea**; **Rätsep, Margus**; **Soomere, Tarmo**; **Ellmann, Artu** Living Planet

Symposium : 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

<https://doi.org/10.1016/j.ecss.2020.107071> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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, Svatka, Czech Republic : book of full texts 2019 / p. 49–52 : ill https://www.engmech.cz/improc/2019/007_Berezovski_068.pdf

On corners scattering stably and stable shape determination by a single far-field pattern

Blasten, Emilia Indiana University Mathematics Journal 2021 / p. 907-947 <https://doi.org/10.1512/IUMJ.2021.70.8411> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On endomorphisms of groups of orders 37-47

Leibak, Alar; 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 statistilisest 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-I6.pdf>

On the modeling of microstructure influence

Berezovski, Arkadi Proceedings of 8th GACM Colloquium on Computational Mechanics For Young Scientists From Academia and Industry August 28th-30th, 2019 University of Kassel, Germany 2019 / p. 15-18 <https://doi.org/10.19211/KUP9783737650939>

On the number of factorizations of $t \bmod N$ and the probability distribution of Diffie-Hellman secret keys for many users

Leibak, Alar Advances in mathematics of communications 2023 / p. 920-927 <https://doi.org/10.3934/amc.2021029>

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; Yildizdag, M. Erden; Scerrato, Daria Continuum mechanics and thermodynamics 2020 / p. 569-588 <https://doi.org/10.1007/s00161-018-0683-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On-off-on control of molecular inversion symmetry via multi-stage protonation : fluciding 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-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, Artur; 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, Artur; 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; Madauf, Lukas; Pollmann, Erik; Grossberg, Maarja; Krustok, Jüri GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 41 <http://fntdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

Photoluminescence study of B-trion in CVD grown MoS2 monolayers [Online resource]

Kaupmees, Reelika; Krustok, Jüri Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märtsil 2018, Tallinn : teesid] GSFMT Scientific Conference 2018 : Tallinn, March 7-8, 2018 : abstracts 2018 / 1 p. : ill <http://fntdk.ut.ee/teesid-2018/>

Photoluminescence study of B-trions in MoS2 monolayers with high density of defects

Kaupmees, Reelika; Komsa, Hannu-Pekka; Krustok, Jüri Physica status solidi (b) 2019 / art. 1800384, 5 p. : ill <https://doi.org/10.1002/pssb.201800384> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Physics shapes signals in nerves

Engelbrecht, Jüri; Tamm, Kert; Peets, Tanel The European Physical Journal Plus 2022 / art. 696 <https://doi.org/10.1140/epjp/s13360-022-02883-5> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Piirid mitmest vaatenurgast

Engelbrecht, Jüri Akadeemia 2022 / lk. 120-133 https://www.ester.ee/record=b1071914*est

A PL and PLE study of high Cu content Cu₂ZnSnSe₄ films on Mo/Glass and solar cells

Sulimov, Mikhail A.; Yakushev, Michael V.; Forbes, I.; Prieto, J.M.; Krustok, Jüri; Edwards, P. R.; Martin, R.W. Physics of the solid state 2019 / p. 908-917 <https://doi.org/10.1134/S1063783419050214> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Planeedid ja jumalad

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

A planetary momentum: asymmetric shocks, global preparedness for change and the rise of a new paradigm

Šlaus, Ivo; Brunnhuber, Stefan; Engelbrecht, Jüri; Jacobs, Garry; Kiniger-Passigli, Donato; Reuter, Thomas; Zucconi, Alberto WAAS newsletter 2020 <http://worldacademy.org/files/Newsletters/April2020-1.pdf> <http://www.worldacademy.org/newsletter/19-april-2020>

Poolsumnud kassist rehepapliku deemonini

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

Poolsumnud kassist rehepapliku deemonini

Soomere, Tarmo Postimees 2019 / AK, lk. 7 [Tarmo Soomere: poolsumnud kassist rehepapliku deemonini ehk kas saame elada poolsuletud süsteemis?](https://www.ester.ee/record=b5521198*est)

Possible presence of shear instabilities at steep slopes during an upwelling event in the Gulf of Finland, Baltic Sea

Delpêche-Elmann, 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.icronline.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; Krunk, 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; Krunk, 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; Krunk, 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; Krunk, 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

Järvi, 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://fntdk.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/teema/teaduste-akadeemia-soovitus-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/2022/02/05/12.4> https://www.ester.ee/record=b5521198*est

Puidust tehtud elektri peidetud väärtus

Soomere, Tarmo Postimees 2022 / Lk. 8 <https://dea.digar.ee/article/postimees/2022/02/05/12.4>

Põhikooli lõpetajale matemaatika lõpueksamist 2017

Uudelepp, Helgi 2017 http://www.ester.ee/record=b1614819*est

Põhikooli lõpetajale matemaatika lõpueksamist 2018

Uudelepp, Helgi; **Lõhmus, Ahto** 2018 http://www.ester.ee/record=b1614819*est

Põlevkivi kvaliteeti saab kiiresti hinnata

Imeline Teadus 2023 / lk. 20 : fot https://www.ester.ee/record=b2747925*est

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 Scopus](https://www.wos.org/doi/10.1016/j.tsf.2021.139068) [Journal metrics at WOS](https://www.wos.org/doi/10.1016/j.tsf.2021.139068) [Article at WOS](https://www.wos.org/doi/10.1016/j.tsf.2021.139068)

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.org/doi/10.1016/j.tsf.2021.139068)

Quantification of hydrodynamic model sea level bias utilizing deep learning and synergistic integration of data sources

Jahanmard, Vahidreza; Hordoir, Robinson; Delpeche-Elmann, Nicole Camille; Elmann, 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-Kuusik, 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, Kärol; 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
2017 / p. 327-361 http://doi.org/10.1007/978-3-319-49894-2_15 http://www.ester.ee/record=b4690805*est

Retrospektiivi kiituseks : [kõne raamatu "Eesti teaduse 100 aastat" esitlusele 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-汉语基础词典 爱沙尼亚语-汉语基础词典 2019 / lk. 5-6

https://www.ester.ee/record=b5243517*est

Saateks

Soomere, Tarmo Eesti Teaduste Akadeemia sõnas ja pildis 2022 2023 / lk. 3 https://www.ester.ee/record=b5054043*est

Saateks

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

2023 / lk. 5 https://www.ester.ee/record=b1218094*est

Saateks

Soomere, Tarmo Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2023

2024 / lk. 5 https://www.ester.ee/record=b1218094*est

Sada aastat liidus loodusega : [kõne omariikluse põlistumise tähtpäeval riigikogu konverentsisaalis 30.11.2021]

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 221-225 https://www.ester.ee/record=b5521198*est

Sammud elamist vääriva tuleviku poole

Soomere, Tarmo; Niinemets, Ülo; Randma-Liiv, Tiina; Järv, Jaak Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 143-145

https://www.ester.ee/record=b5054043*est https://www.ester.ee/record=b5521198*est

Sammud teadlasteel

Engelbrecht, Jüri Vaateid mehaanikale Eestis : 1918-2018 2019 / lk. 150-159

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 / 1 p
https://express.converia.de/frontend/index.php?page_id=22633&additions_conferenceschedule_action=detail&additions_conferenceschedule_controller=paperList&pid=66983&hash=2781a43409d1dcbc2374d7818af0d07c0904d92d56f69ccfa7a7a5c1549b986e

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; Krunks, 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; Krunks, Malle Solar energy materials and solar cells 2021 / art. 111045, 13 p. : ill <https://doi.org/10.1016/j.solmat.2021.111045> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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/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 BalticSea 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.; Ehatäht, 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; Eelsalu, Maris 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 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 magnetolektrilistes 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

Ehataht, Karl; Veelen, 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->

Study of the optical properties of Sb₂(Se_{1-x}S_x)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, Zauze 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

Rakisheva, Zauze 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...

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.

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 ehitis 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](#)

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](#)

Tarmo Soomere : mida räägivad tummad faktid kriisijärgsest homsest?

Soomere, Tarmo Äripäev 2020 / Lk. 12 : portr [Tarmo Soomere: mida räägivad tummad faktid kriisijärgsest homsest?](#)
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](#)

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](#)

Tarmo Soomere : teadusnõustamise tuleproov koroonakriisis [Võrguväljaanne]

Soomere, Tarmo err.ee 2020 / fot [Tarmo Soomere: teadusnõustamise tuleproov koroonakriisis](#)

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](#)

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/ohutuleht/2020/06/27/14.1>
https://www.ester.ee/record=b1072778*est

Tarmo Soomere maailmalõpust: saime hakkama osooniauguga ja saaame 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](#)

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](#)

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 "](#)

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"](#)

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

Soomere, Tarmo postimees.ee 2021 ["Tarmo Soomere: Afganistani teaduse areng mustast august määratusse"](#)

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 "](#)

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>

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"](#)

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>

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

Soomere, Tarmo postimees.ee 2021 ["Tarmo Soomere: kas kliima soojenemine toob meile jääaja?"](#)

Tarmo Soomere: kolm ülesannet Narva-Jõesuus [Võrguväljaanne]

Soomere, Tarmo postimees.ee 2021 / Lk. 12 ["Tarmo Soomere: kolm ülesannet Narva-Jõesuus"](#)

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>

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

Soomere, Tarmo err.ee 2021 ["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"](#)

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 elektri jaam minu aias
Soomere, Tarmo Postimees 2020 / fot <https://arvamus.postimees.ee/7073454/tarmo-soomere-tuleviku-voti-on-elektri-jaam-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, Ebe; **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

Teadusmõtte 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

Teaduspäraslõuna (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

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

Soomere, Tarmo Eesti Teaduste Akadeemia : Youtube kanal 2021 / video [Teaduspäraslõuna 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](#)