

### **A simple approach to determine the Stokes drift for the entire Baltic Sea**

Lehmann, Andreas; **Didenkulova, Irina**; Höflich, Katharina 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 57 [http://www.bssc2015.lv/wp-content/uploads/2015/07/10th\\_BSSC\\_AbstractBook\\_final.pdf](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/NikalWebsitePortal/living-planet-symposium-2019/lps19/speaker>

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

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

### **The absence of active creatine kinase system influences cardiac calcium handling**

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

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

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

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

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

### **Academies and knowledge management**

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

### **Academies and the information-rich society**

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

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

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

### **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/NikalWebsitePortal/coastal-altimetry-workshop/esa/ExtraContent/ContentSubPage?page=8&subPage=3>

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

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

### **Achieving the sustainable development goals: concepts and actors**

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

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

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

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

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

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

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

### **ADCS development for student CubeSat satellites - 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

**ADP protects cardiac mitochondria under severe oxidative stress**

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

**Advances in room temperature fluoride-ion batteries**

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

**Afganistani teaduse areng mustast august määratusse**

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

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

**Samoson, Ago** err.ee 2021 ["Ago Samoson: Eesti elekter ei ole Euroopa elekter."](https://err.ee/2021/09/04/12.4)

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

**Samoson, Ago** postimees.ee 2021 ["Ago Samoson: omadele kõik, teistele \(vaenukõne\) seadus"](https://postimees.ee/2021/09/04/12.4)

**Ago Samoson: president kui ülikooli rektor [Võrguväljaanne]**

**Samoson, Ago** postimees.ee 2021 ["Ago Samoson: president kui ülikooli rektor."](https://postimees.ee/2021/09/04/12.4)

**Ago Samoson: riiki peaks pidevalt kraadima [Võrguväljaanne]**

**Samoson, Ago** postimees.ee 2021 ["Ago Samoson: riiki peaks pidevalt kraadima"](https://postimees.ee/2021/09/04/12.4)

**Ago Samoson: roosa kass püüab hiiri [Võrguväljaanne]**

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

**Aimeraamat arvutitest ja nende eduloost**

**Tõugu, Enn** Postimees 2018 / Raamat, lk. 5

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

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

**Akadeemia : Eesti Kirjanike Liidu kuukiri Tartus / SA Kultuurileht**

2018 [https://www.ester.ee/record=b1071914\\*est](https://www.ester.ee/record=b1071914*est)

**Akadeemia 2017. aasta aruanne : president Tarmo Soomere [ettekannne 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 [ettekannne 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](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](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](https://www.ester.ee/record=b5521198*est)  
<http://www.sirp.ee/s1-artiklid/c21-teadus/akadeemia-panustab-omblusteta-uhiskonda/>

**Akadeemia panustab õmblusteta ühiskonda**

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

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

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

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

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

## **Akadeemia riikide ja kontinentide nõustamise keerukal tööpõllul**

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

## **Akadeemia soovitud 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](https://www.ester.ee/record=b1218094*est)

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

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

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

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

## **Akadeemik : põlevkiviõli tootmine on hädavajalik tupiktee**

**Soomere, Tarmo** Põhjarannik 2019 / lk. 3

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

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

## **Akadeemik Soomere sai Klaipeda ülikooli audoktoriks**

Õhtuleht 2018 / lk. 2

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

**Soomere, Tarmo** err.ee 2021 ["Akadeemik Tarmo Soomere: targem ei tohi enam järele anda"](https://www.err.ee/100012874/akadeemik-tarmo-soomere-targem-ei-tohi-enam-jarele-anda)

## **Akadeemik: Eestis pole linnu minema uhtuvad üleujutused võimalikud [Võrguväljaanne]**

**Soomere, Tarmo** err.ee 2021 / video [Akadeemik: Eestis pole linnu minema uhtuvad üleujutused võimalikud](https://www.err.ee/100012874/akadeemik-eestis-pole-linnu-minema-uhtuvad-uleujutused-voimalikud)

## **Akadeemikud: V3 väljakutsete vanik [Võrguväljaanne]**

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

## **Akadeemiline vara on parem kui fosforiit**

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

## **Akadeemilised mõtisklused**

**Engelbrecht, Jüri** 2017 [http://www.ester.ee/record=b4650021\\*est](http://www.ester.ee/record=b4650021*est)

## **Akadeemilisi arutlusi : ilmast ja inimestest**

**Soomere, Tarmo** 2022 [https://www.ester.ee/record=b5521198\\*est](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.; Lõokene, 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 lipase oligomerization and stability**

**Risti, Robert; Gunn, K.; Villo, Ly; Hiis-Hommuk, Kristofer; Seeba, Natjan-Naatan; Karimi, Hamed; Vendelin, Marko; Neher, Saskia B.; Lõokene, 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://www.ester.ee/record=b1189474*est) <https://dea.digar.ee/article/Aktuna/2020/09/0/11.2>

## **Alongshore sediment transport in the Eastern Baltic Sea**

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

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

**creatine**

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

**An attempt to classify brilliance**

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

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

**Berezovski, Mihhail; 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://doi.org/10.1007/978-3-030-29951-4_12) [https://www.ester.ee/record=b5303400\\*est](https://www.ester.ee/record=b5303400*est)

**Analysing Lagrangian timescales in the Gulf of Finland**

**Viikmäe, Bert;** Torsvik, Tomas The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 46 [https://www.io-warnemuende.de/tl\\_files/conference/bssc2017/bssc2017-abstract-book.pdf](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](http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf)

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

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

**Anarhistlikud mõtted Prantsusmaa presidendi totuseks**

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

**Andmete peitmine toob ohvreid**

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

**Andmete peitmine toob ohvreid**

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

**Antibacterial and antifungal efficacy of novel chitosan-silver nanocomposites**

**Kasemets, Kairi;** Laanoja, Jüri; Sihtmäe, Mariliis; Kurvet, I.; Otsus, Maarja; Vija, H.; Kahru, Anne (E-MRS) European Materials Research Society 2023 Spring Meeting : 40th Anniversary 2023 / art. 61\_875  
<https://www.dropbox.com/s/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 deep conditional generative adversarial networks to fill the gaps of satellite altimetry-based absolute dynamic topography**

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

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

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

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

**Najafzadeh, Fatemeh; Kudryavtseva, Nadezhda; Soomere, Tarmo** 7th IEEE/OES Baltic Symposium Clean and Safe Baltic Sea and Energy Security for the Baltic countries : abstract book, 12-15 June 2018, Klaipėda, Lithuania 2018 / p. 50  
[http://balticvalley.lt/baltic2018/wp-content/uploads/2018/06/abstract-book\\_7th\\_Baltic-Symposium\\_20180528.pdf](http://balticvalley.lt/baltic2018/wp-content/uploads/2018/06/abstract-book_7th_Baltic-Symposium_20180528.pdf)

**Application of Haar wavelet based methods for solving wave propagation problems**

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

**Application of Haar wavelet method for solving nonlinear evolution equations**

**Ratas, Mart** International Conference of Numerical Analysis and Applied Mathematics, ICNAAM 2018 : 13-18 September 2018,

Rhodes, Greece 2019 / art. 330004, p. 1–4 <https://doi.org/10.1063/1.5114342> [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

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

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

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

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

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

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

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

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

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

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

### **Application of the Adaptive Higher Order Haar Wavelet based methods for solving the sine-Gordon equation**

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

### **Application of the matrix element method to Higgs boson pair production in the channel $HH \rightarrow b\bar{b}WW^*$ 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.ester.ee/record=b5303400\\*est](https://www.ester.ee/record=b5303400*est)

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

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

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

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

### **Arenev Euroopa teaduse eetikakoodeks**

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

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

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

### **Arno Käärna : 2.II 1926-21.XII 2017**

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

### **Array programming with NumPy**

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



## Arstide tehisintellekt

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

## Arvamusi akadeemikutelt : Akadeemia 80

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

## Arvamusi akadeemikutelt : Jüri Engelbrecht, Leo Mõtus

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

## Arvamusi akadeemikutelt : segadus informaatika põhimõistetega

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

## Arvutid toodi Eestisse õhinal

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

## Arvutid, küberruum ja tehismõistus : noppeid arvutite imepärasest eduloost

Tõugu, Enn 2018 [http://www.ester.ee/record=b4815451\\*est](http://www.ester.ee/record=b4815451*est)

## Arvutite üliintelligentsuse muut

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

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

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

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

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

## An assessment of Caspian Sea modeled wave climate using ERA5 winds

Männikus, Rain; Giudici, Andrea; Mayemerova, Gülnara; Beisembekova, Meruyert; Rakisheva, Zaure Bayanovna; Soomere, Tarmo Journal of coastal research 2024 / p. 649-653 <https://doi.org/10.2112/JCR-SI113-128.1>

## Assessment of durability of environmentally friendly wood-based panels

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

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

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

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

Link, Joosep; Stern, Raivo Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p. : ill <http://fmtdk.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](https://baltic.earth/imperia/md/assets/baltic_earth/baltic_earth/baltic_earth/4bec_proceedings_web.pdf)

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

Pustõnski, Vladislav-Veniamin Presence : virtual and augmented reality 2022 / p. 203-227 [https://doi.org/10.1162/pres\\_a\\_00393](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]

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

**Autori saatesõna**

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

**Avastamas lõunapoolkera teaduste akadeemiaid**

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

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

**Soomere, Tarmo** Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2016 2017 / lk. 149-153 [http://www.ester.ee/record=b1218094\\*est](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](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](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](https://www.baltic-earth.eu/publications/IBESPublications/No_14_Workshop_Multiple_Drivers_Tallinn_Nov2018/No.14_Tallinn2018.pdf)

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

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

**Bandgap fluctuations, hot carriers, and band-to-acceptor recombination in Cu<sub>2</sub>ZnSn(S,Se)<sub>4</sub> microcrystals**

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

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

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

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

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

**Beach nourishment pattern-placement along the Gold Coast**

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

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

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

**A big wave at Pouto, Kaipara Harbour, New Zealand**

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

**Biofüüsikud loodavad südamerakkude segadusse ajamisega haigusi ennetada**

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

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

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

**Broad-band photoluminescence of donor-acceptor pairs in tetrahedrite Cu<sub>10</sub>Cd<sub>2</sub>Sb<sub>4</sub>S<sub>13</sub> microcrystals**

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

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

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

**Building natural morphologies for effective beach nourishment**

**Parnell, Kevin Ellis** 2nd Baltic Earth Conference The Baltic Sea in Transition : Helsingør, Denmark, 11 to 15 June 2018 : conference proceedings 2018 / p. 134-135 : ill [https://www.baltic-earth.eu/publications/IBESPublications/No\\_13\\_Helsingor\\_Proceedings/2ndBalticEarthConferenceProceedings\\_IBESP\\_No13\\_web.pdf](https://www.baltic-earth.eu/publications/IBESPublications/No_13_Helsingor_Proceedings/2ndBalticEarthConferenceProceedings_IBESP_No13_web.pdf)

**Bulk and interface recombination in TiO<sub>2</sub>/Sb<sub>2</sub>Se<sub>3</sub> 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](#)

**CaF<sub>2</sub> 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 tehnoloogiad 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** Journal of Physiology 2023 / p. 4033-4052 : ill <https://doi.org/10.1113/JP284515> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

**A case study of transverse jets in coastal upwellings from a Lagrangian transport perspective**

**Delpeche-Ellmann, Nicole Camille; Soomere, Tarmo** 55th International Liège Colloquium on Ocean Dynamics: Ocean Extremes:



**A case study on the spatial variability of strength in a SFRSCC slab and its correlation with fibre orientation**

**Kartofelev, Dmitri; Goidyk, Oksana; Herrmann, Heiko** Proceedings of the Estonian Academy of Sciences 2020 / p. 298-310 : ill <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/978-1-5275-1081-4-sample.pdf> [https://www.ester.ee/record=b5746646\\*est](https://www.ester.ee/record=b5746646*est)

**Causality in strain gradient elasticity: An internal variables approach**

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

**Cellprofiler is a fit tool for droplet digital image analysis**

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

**Certified parsing of regular languages**

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

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

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

**Channel maintenance planning in Estonia**

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

**Characterization of tetrahedrite Cu<sub>10</sub>Cd<sub>2</sub>Sb<sub>4</sub>S<sub>13</sub> monograin materials grown in molten Cd<sub>2</sub> and LiI**

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

**Chemical vapour deposition of WS<sub>2</sub> monolayers [Online resource]**

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

**Climate change and coastal processes in the Baltic Sea**

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

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

**Eelsalu, Maris; Soomere, Tarmo; Jankowski, Mikolaj Zbigniew** Journal of coastal research 2024 / p. 256-260 <https://doi.org/10.2112/JCR-SI113-051.1>

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

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

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

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

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

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

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

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

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

**Parnell, Kevin Ellis** 2nd International Baltic Earth Workshop on Multiple Drivers of Earth system changes in the Baltic Sea region, Helsinki, 4-5 December 2024 : Abstracts 2024 / p. 18

[https://baltic.earth/imperia/md/assets/baltic\\_earth/baltic\\_earth/baltic\\_earth/2nd\\_be\\_workshop\\_md\\_2024\\_helsinki\\_booklet.pdf](https://baltic.earth/imperia/md/assets/baltic_earth/baltic_earth/baltic_earth/2nd_be_workshop_md_2024_helsinki_booklet.pdf)

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

**Parnell, Kevin Ellis; Soomere, Tarmo** Abstracts : [BSSC 2019] 2019 / p. 344

[https://www.su.se/polopoly\\_fs/1.446756.1566224624!/menu/standard/file/abstracts\\_A5\\_ny.pdf](https://www.su.se/polopoly_fs/1.446756.1566224624!/menu/standard/file/abstracts_A5_ny.pdf)

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

**Parnell, Kevin Ellis; Soomere, Tarmo** New challenges for Baltic Sea Earth System research : conference proceedings 2024 / p.

163-164 [https://baltic.earth/imperia/md/assets/baltic\\_earth/baltic\\_earth/baltic\\_earth/5bec\\_proceedings.pdf](https://baltic.earth/imperia/md/assets/baltic_earth/baltic_earth/baltic_earth/5bec_proceedings.pdf)

### **Coastal sea level trend using multi mission along track satellite altimetry for the Baltic Sea**

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

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

**Viigand, Katri; Eelsalu, Maris; Soomere, Tarmo** New challenges for Baltic Sea Earth System research : conference proceedings

2024 / p. 78-79 [https://baltic.earth/imperia/md/assets/baltic\\_earth/baltic\\_earth/baltic\\_earth/5bec\\_proceedings.pdf](https://baltic.earth/imperia/md/assets/baltic_earth/baltic_earth/baltic_earth/5bec_proceedings.pdf)

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

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

### **Coinductive big-step semantics for concurrency**

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

[Article at Scopus](#)

### **Colloquium 582 : Short Fibre Reinforced Cementitious Composites and Ceramics : book of abstracts, March 20-22, 2017**

2017 [http://www.ester.ee/record=b4658990\\*est](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-Hommuk, Kristofer; Seeba, Natjan-Naatan; Karimi, Hamed; Villo, Ly; Vendelin, Marko; Neher, Saskia B.; Lõokene, Aivar** PLoS ONE 2023 / art. e0283358, 24 p. : ill <https://doi.org/10.1371/journal.pone.0283358> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

### **Committee on Marine Sciences**

**Soomere, Tarmo** Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2017 2018 / p. 42-45

[https://www.ester.ee/record=b1874722\\*est](https://www.ester.ee/record=b1874722*est)

### **Committee on Marine Sciences**

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

### **Comparative measurement of cardiac cycle by means of different sensors**

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

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

**Eensalu, Jako Siim; Krunks, Malle; Gromõko, Inga; Katerski, Atanas; Mere, Arvo** Energetika 2017 / p. 46-55 : ill

<https://doi.org/10.6001/energetika.v63i2.3519> [Journal metrics at Scopus](#) [Article at Scopus](#)

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

**Zaitseva-Pärnaste, Inga; Herrmann, Heiko** Journal of coastal research 2024 / p. 1054-1058 <https://doi.org/10.2112/JCR-S113-206.1>

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

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

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

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

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

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

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

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

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

**Herrmann, Heiko; Goidyk, Oksana; Braunbrück, Andres; Marjapuu, Rasmus-Richard; Tuisk, Tanel** M2D2017 : proceedings of the 7th International Conference on Mechanics and Materials in Design : (Albufeira/Portugal, 11-15 June 2017) 2017 / p. 1245-1246 : ill [https://paginas.fe.up.pt/~m2d/Proceedings\\_M2D2017/data/papers/Book.pdf](https://paginas.fe.up.pt/~m2d/Proceedings_M2D2017/data/papers/Book.pdf)

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

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

**Compartmentalization in cardiomyocytes modulates creatine kinase and adenylate kinase activities**

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

**Compiling cooperative task management to continuations**

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

**Complexity in Social Systems and Academies**

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

**Complexity of atoms of regular languages**

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

**Complexity of social systems and academies**

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

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

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

**Consistency of JWST black hole observations with NANOGraV gravitational wave measurements**

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

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

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

## **Constitutive modeling with single and dual internal variables**

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

## **A construction of a fractional derivative masks for imaging based on generalized Kantorovich sampling operators**

**Graf, Olga; Tamberg, Gert** 24th International Conference on Mathematical Modelling and Analysis : May 28-31, 2019, Tallinn, Estonia : abstracts 2019 / p. 22 <https://www.digar.ee/viewer/et/nlib-digar:414294/353323/page/23>

## **Continuum mechanics and signals in nerves**

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

## **Continuum Waves**

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

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

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

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

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

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

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

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

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

## **Corrigendum to “Screening and optimization of processing temperature for Sb<sub>2</sub>Se<sub>3</sub> 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; Krunks, 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](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<sub>1-x</sub>Sn<sub>x</sub>F<sub>2</sub> solid solution electrolyte for fluoride ion batteries**

**Molaiyan, Palanivel; Witter, Raiker** Journal of electroanalytical chemistry 2019 / p. 154-159 <https://doi.org/10.1016/j.jelechem.2019.04.063> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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



### **Current tasks of academies and academia**

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

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

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

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

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

### **Cybersecurity considerations in autonomous ships**

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

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

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

### **Decision support tools for the management of eastern Baltic Sea coasts**

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

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

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

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

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

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

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

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

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

### **Degree of Dieudonne determinant defines the order of nonlinear system**

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

### **Demokraatia kui alternatiivmõtlemise suplus peavoolus**

**Soomere, Tarmo** Sirp 2019 / lk. 34-35 : fot [https://www.ester.ee/record=b1072938\\*est](https://www.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.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 Cu<sub>2</sub>Ge(SSe)<sub>3</sub> 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> [Journal metric at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Detecting overlapping community structure : Estonian network of payments**

**Rendon de la Torre, Stephanie; Kalda, Jaan; Kitt, Robert; Engelbrecht, Jüri** Proceedings of the Estonian Academy of Sciences 2019 / p. 79–88 : ill <https://doi.org/10.3176/proc.2019.1.08> [http://www.kirj.ee/public/proceedings\\_pdf/2019/issue\\_1/proc-2019-1-79-88.pdf](http://www.kirj.ee/public/proceedings_pdf/2019/issue_1/proc-2019-1-79-88.pdf)  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Detecting ship wakes for the study of coastal processes**

**Rätsep, Margus; Parnell, Kevin Ellis; Soomere, Tarmo** Journal of coastal research 2020 / p. 1258-1262  
<https://doi.org/10.2112/SI95-243.1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Detection of deuterium retention by LIBS at different background pressures**

Paris, Peeter; Butikova, J.; Laan, Matti; Aints, Mart; Hakola, A.; Piip, Kaarel; **Tufail, Iram**; Veis, P. Physica scripta 2017 / art. 014003, 5 p. : ill <https://doi.org/10.1088/0031-8949/2017/T170/014003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

**Mostafavi, Majid; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu; Jahanmard, Vahidreza** Remote sensing 2023 / art. 2189  
<https://doi.org/10.3390/rs15082189> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

**Kovaleva, Olga; Soomere, Tarmo; Eelsalu, Maris; Ryabchuk, Daria** 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 233  
[http://www.bssc2015.lv/wp-content/uploads/2015/07/10th\\_BSSC\\_AbstractBook\\_final.pdf](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](http://www.kirj.ee/public/oilshale_pdf/2018/issue_4/OS-2018-4-339-355.pdf)  
[https://artiklid.elnet.ee/record=b2868183\\*est](https://artiklid.elnet.ee/record=b2868183*est) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

**Heinoja, Lenne-Liisa; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu** The Gulf of Finland Science Days 2021 "New start for the Gulf of Finland co-operation" : Estonian Academy of Sciences, Tallinn, 29-30 November 2021 : abstracts 2021 / p. 45  
<https://www.gulffinland.fi>

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

**Reimets, Nele**; Ausmees, Kerti; Vija, Sirje; Reile, Indrek Analytical chemistry 2021 / p. 9480-9485 : ill  
<https://doi.org/10.1021/acs.analchem.1c01281>

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

**Oraas, 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](https://doi.org/10.1007/978-3-030-57672-1_2)

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

**Giudici, Andrea; Torsvik, Tomas; Soomere, Tarmo** Journal of atmospheric and oceanic technology 2017 / p. 669-677 : ill  
<https://doi.org/10.1175/JTECH-D-16-0116.1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Development of applications for high-field non-hydrogenative parahydrogen induced hyperpolarization for the analysis of biological fluids with nuclear magnetic resonance spectroscopy = Paravesinikul põhineva mittehüdroometodi hüperpolarisatsiooni-meetodi rakenduste arendamine biooloogiliste vedelike analüüsiks kõrges magnetväljas**

**Reimets, Nele** 2024 [https://www.ester.ee/record=b5711180\\*est](https://www.ester.ee/record=b5711180*est) <https://digikogu.taltech.ee/et/Item/87c91b10-55d7-4eb9-80d3-07e3c91774d8>  
<https://doi.org/10.23658/taltech.64/2024>

**Development of Bi2S3 thin film solar cells by close-spaced sublimation and analysis of absorber bulk defects via in-depth photoluminescence analysis**

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

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

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

**Development of in situ high resolution NMR: Proof-of-principle for a new (spinning) cylindrical mini-pellet approach applied to a Lithium ion battery**

**Mohammad, Irshad; Cambaz, Musa Ali; Samoson, Ago; Fichtner, Maximilian; Witter, Raiker** Solid state nuclear magnetic resonance 2024 / art. 101914 <https://doi.org/10.1016/j.ssnmr.2023.101914> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

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

**Digitaalne heaolu ja vaimne tervis**

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

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

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

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

**Männikus, Rain; Soomere, Tarmo** 4th Baltic Earth Conference Assessing the Baltic Sea Earth System : Jastarnia, Hel Peninsula, Poland, 30 May to 3 June 2022 : Conference Proceedings 2022 / p. 83-84  
[https://baltic.earth/imperia/md/assets/baltic\\_earth/baltic\\_earth/baltic\\_earth/4bec\\_proceedings\\_web.pdf](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](#)

**Discrete breathers above phonon spectrum**

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

**Dispersive elastic waves**

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

**Distributive laws of directed containers**

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

**Doktoritöö heidab valgust Läänemere ja selle ranniku tangole [Võrguväljaanne]**

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

### **Droplet image analysis with user-friendly freeware CellProfiler**

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

### **Dual internal variables**

**Berezovski, Arkadi; Ván, Peter** Internal variables in thermoelasticity 2017 / p. 59-72 [https://doi.org/10.1007/978-3-319-56934-5\\_4](https://doi.org/10.1007/978-3-319-56934-5_4) [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

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

**Ahmed, Faisal; Tamberg, Gert; Le Moullec, Yannick; Annus, Paul** Sensors 2017 / art. 1666, p. 1-22 : ill <https://doi.org/10.3390/s17071666> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Dynamics of discontinuities in elastic solids**

**Berezovski, Arkadi; Berezovski, 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>

### **Eccentricity effects on the supermassive black hole gravitational wave background**

**Raidal, Juhan; Urrutia, Juan; Vaskonen, Ville; Veermäe, Hardi** Astronomy and astrophysics 2024 / art. A212 <https://doi.org/10.1051/0004-6361/202451345> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Eeskuju ehk Iseend muutes muudame maailma**

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

### **Eessõna**

**Engelbrecht, Jüri** Peegeldusi teadusmaastikult : kogutud kirjutised alates 2017 2023 / lk. 11-13 [https://www.ester.ee/record=b5572669\\*est](https://www.ester.ee/record=b5572669*est)

### **Eessõna**

**Soomere, Tarmo** Eesti Vabariigi preemiad 2020 : teadus. F. J. Wiedemanni keeleauhind. Sport. Kultuur. Haridus 2020 / lk. 10-11 [https://www.ester.ee/record=b1226072\\*est](https://www.ester.ee/record=b1226072*est)

### **Eessõna**

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

### **Eesti hakkab juhtima peateadurite foorumit**

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

### **Eesti hariduse tähendusrikas lähiajalugu**

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

### **Eesti korraldas esimese Euroopa füüsikaolümpiaadi**

**Kalda, Jaan** Horisont 2017 / lk. 58-59 : fot [http://www.ester.ee/record=b1072243\\*est](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](https://www.ester.ee/record=b5195834*est)

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

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

### **Eesti sorab energeetika ajaloo prügikastis, aga tõeline tuumapomm tuleb mujalt**

**Samoson, Ago** postimees.ee 2025 <https://arvamus.postimees.ee/8260318/ago-samoson-est-i-sorib-energeetika-ajaloo-prugikastis-aga->



**Eesti teaduse 100 aastat**

**Engelbrecht, Jüri**; Tammiksaar, Erki 2018 [http://www.ester.ee/record=b4774803\\*est](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](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](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](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](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](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](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](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](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>

<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](https://www.ester.ee/record=b5054043*est)

**Eesti Teaduste Akadeemia sõnas ja pildis 2017**

**Soomere, Tarmo** 2018 [http://www.ester.ee/record=b5054043\\*est](http://www.ester.ee/record=b5054043*est)

**Eesti Teaduste Akadeemia sõnas ja pildis 2018**

**Soomere, Tarmo** 2019 [https://www.ester.ee/record=b5054043\\*est](https://www.ester.ee/record=b5054043*est)

**Eesti Teaduste Akadeemia sõnas ja pildis 2019**

2020 [https://www.ester.ee/record=b5054043\\*est](https://www.ester.ee/record=b5054043*est)

**Eesti Teaduste Akadeemia sõnas ja pildis 2020**

2021 [https://www.ester.ee/record=b5054043\\*est](https://www.ester.ee/record=b5054043*est)

**Eesti Teaduste Akadeemia sõnas ja pildis 2021**

2022 [https://www.ester.ee/record=b5054043\\*est](https://www.ester.ee/record=b5054043*est)

**Eesti Teaduste Akadeemia sõnas ja pildis 2022**

2023 [https://www.ester.ee/record=b5054043\\*est](https://www.ester.ee/record=b5054043*est)

**Eesti Teaduste Akadeemia sõnas ja pildis 2023**

2024 [https://www.ester.ee/record=b5054043\\*est](https://www.ester.ee/record=b5054043*est)

**[Eesti Teaduste Akadeemia] üldkogu aastakoosolek 20. aprillil 2018 : avasõna**

**Soomere, Tarmo** Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2018

2019 / lk. 41-42

**Eesti tulevikust: metsata või metsaga**

**Soomere, Tarmo** Maaleht 2020 / Lk. 12-13 : fot <https://dea.digar.ee/article/maaleht/2020/11/12/15.1>

**Eesti tüdruk tõi USAst maailma suurimalt õpilaste teadusvõistluselt kolmanda koha**

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

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

2017

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

2018 [https://www.ester.ee/record=b1226072\\*est](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](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](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](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](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](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](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](https://www.ester.ee/record=b5154585*est)

**Eestlased võitsid rahvusvahelisel füüsikaolümpiaadil kolm kulda**

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

**Effect of germanium incorporation on the properties of kesterite Cu<sub>2</sub>ZnSn(S,Se)<sub>4</sub> 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 TiO<sub>2</sub> 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<sup>+</sup> etching of Cu<sub>2</sub>ZnSnSe<sub>4</sub> 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/Cu<sub>2</sub>ZnSnSe<sub>4</sub>/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

**Effects of selenisation temperature on photoluminescence and photoluminescence excitation spectra of ZnO/CdS/Cu<sub>2</sub>ZnSnSe<sub>4</sub>/Mo/glass**

Sulimov, Mikhail A.; Yakushev, M. V.; Marquez-Prieto, J.; **Krustok, Jüri** Thin solid films 2019 / p. 146-151 : ill

<https://doi.org/10.1016/j.tsf.2019.01.002> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Effects of the sampling bias on retrieved modes of wave climate variations from satellite altimetry : Baltic Sea case study Najafzadeh, Fatemeh; Kudryavtseva, Nadezhda; Soomere, Tarmo** 2019 European Space Agency Living Planet Symposium 2019 / [1] p <https://lps19.esa.int>

**Efficient defect-driven cation exchange beyond the nanoscale semiconductors toward antibacterial functionalization**

**Polivtseva, Svetlana; Volobujeva, Olga; Kuznietsov, Ivan; Kaupmees, Reelika; Danilson, Mati; Krustok, Jüri;** Molaiyan, Palanivel; Hu, Tao; Lassi, Ulla; **Klopov, Mihhail;** van Gog, Heleen; van Huis, Marijn A.; Kaur, Harleen; Ivask, Angela; Rosenberg, Merilin; Gathergood, Nicholas; Ni, Chaoying; **Grossberg-Kuusk, Maarja** ACS applied materials & interfaces 2024 / p. 62871-62882 <https://doi.org/10.1021/acsami.4c11425>

**EKRE paljunemise mõjust Eesti poliitikale**

**Samoson, Ago** postimees.ee 2024 [EKRE paljunemise mõjust Eesti poliitikale](https://postimees.ee/record=b1442174*est)

**Eksaminandile matemaatika riigieksamist [2017]**

Uudelepp, Helgi; **Lõhmus, Ahto** 2017 [http://www.ester.ee/record=b1442174\\*est](http://www.ester.ee/record=b1442174*est)

**Eksaminandile matemaatika riigieksamist [2018]**

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

**Eksaminandile matemaatika riigieksamist [2020]**

Uudelepp, Helgi; **Lõhmus, Ahto** 2020 [https://www.ester.ee/record=b1442174\\*est](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](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/10.1007/978-3-662-55771-4\\_231](https://doi.org/10.1007/978-3-662-55771-4_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](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://doi.org/10.1007/978-3-030-29951-4_5) [https://www.ester.ee/record=b5303400\\*est](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](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, Ilangko; **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

**Engelbrecht: innovatsioon sünnib loosungite asemel sisulisest mõistmisest**

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

**Enhanced mobility of high-frequency discrete breathers in a monatomic chain with odd anharmonicity**

Šelkan, Aleksander; **Klopov, Mihhail**; Hižnjakov, Vladimir Physics letters A 2019 / p. 1893-1896 : ill

<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](https://www.ester.ee/record=b5178522*est)

**Enn Mellikov (1.04.1945-23.07.2018) : Tarmo Soomere järelehüüe 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](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](https://www.baltic-earth.eu/multipledrivers2018/material/No.14_Tallinn2018.pdf)

**Entropy**

**Kalda, Jaan** 2022 [https://www.mdpi.com/journal/entropy/special\\_issues/economic\\_complex\\_networks#info](https://www.mdpi.com/journal/entropy/special_issues/economic_complex_networks#info)

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

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

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

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

**Mullari, Tanel**; **Kotta, Ülle** Proceedings of the Estonian Academy of Sciences 2021 / p. 307 <https://doi.org/10.3176/proc.2021.1.09>

[https://kirj.ee/wp-content/plugins/kirj/pub/Erratum-proc-3-2021-307\\_20210822154030.pdf](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](#)

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

[http://www.bssc2015.lv/wp-content/uploads/2015/07/10th\\_BSSC\\_AbstractBook\\_final.pdf](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](https://www.ester.ee/record=b1218154*est)



## Estonian code of conduct for research integrity

2017 [http://www.ester.ee/record=b4761004\\*est](http://www.ester.ee/record=b4761004*est)

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

kultuur.err.ee 2024 [ETV-s tele-esilinastub Kaupo Kruusiaugu dokfilm "Mees missioonil"](http://www.ester.ee/record=b4761004*est)

## Euroopa teaduste akadeemiate regeneratiivmeditsiini tulevikuvisioon

Vasar, Eero; Soomere, Tarmo Sirp 2020 / lk. 22-23 : ill <https://www.sirp.ee/s1-artiklid/c21-teadus/euroopa-teaduste-akadeemiate-regeneratiivmeditsiini-tulevikuvisioon/> [https://www.ester.ee/record=b1072938\\*est](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](http://www.ester.ee/record=b1072243*est) [https://artiklid.elnet.ee/record=b2819535\\*est](https://artiklid.elnet.ee/record=b2819535*est)

## E-valimised ei ole turvalised

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

## E-valimised on hübriidrünnak demokraatiale

Samoson, Ago postimees.ee 2025 <https://arvamus.postimees.ee/8278115/ago-samoson-e-valimised-on-hubriidrunnak-demokraatiale>

## E-valimised on praegu usalduse küsimus

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

## E-valimiste süsteemi üks loojatest tõrjub pea kõiki Samosoni väiteid

Strandberg, Marek postimees.ee 2025 [E-valimiste süsteemi üks loojatest tõrjub pea kõiki Samosoni väiteid](https://arvamus.postimees.ee/8278115/ago-samoson-e-valimised-on-hubriidrunnak-demokraatiale)

## Evaluating coastal vulnerability by temporal and spatial variation of parameters of the GEV distribution along the Baltic Sea coast

Viigand, Katri; Eelsalu, Maris; Soomere, Tarmo Journal of coastal research 2024 / p. 996-1000 <https://doi.org/10.2112/JCR-SI113-195.1>

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

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

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

Kupavõh, Aleksei; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu 30 years of progress in radar altimetry symposium, Montpellier, France, 2-7. Sept. 2024 : Abstract book 2024 / p. 213, art. 426 <https://az659834.vo.msecnd.net/eventsairwesteuprod/production-nikal-public/338507f0dac84686b1d40a263ba347c6>

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

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

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

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

## Evolving narratives of ship wake science and management

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

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

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

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

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

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

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

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

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

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

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

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

**Delpeche-Ellmann, Nicole Camille; Torsvik, Tomas; Soomere, Tarmo** Sentinel-3 for Science Workshop: Abstract Book 2015 / p. 284 [http://seom.esa.int/S3forScience2015/page\\_session28.php](http://seom.esa.int/S3forScience2015/page_session28.php)

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

**Heinoja, Lenne-Liisa; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu** Journal of geodetic science 2023 / art. 20220159 <https://doi.org/10.1515/jogs-2022-0159> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

### Examining the performance of satellite altimetry (SWOT) sea level data in the coastal areas of the Baltic Sea

**Kupavõh, Aleksei; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu; Soomere, Tarmo** Journal of coastal research 2024 / p. 534-538 <https://doi.org/10.2112/JCR-SI113-105.1>

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

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

### Examining the performance sentinel-3A SAR altimetry retracers and hydrodynamic models using 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 ESRI, Frascati, Italy : abstracts 2020 / p. 14 <https://az659834.vo.msecnd.net/eventsairwesteuprod/production-nikal-public/ae128dad984c40168397660cc8d0ede7>

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

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

### Experimental evaluation and numerical modelling residual stresses in glass panel

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

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

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

### Experimental verification of dispersive wave propagation on guitar strings

**Kartofelev, Dmitri; Arro, Joann Gustav; Valimäki, Vesa** SMC 2019 : Proceedings of the 16th Sound & Music Computing Conference 2019 / p. 324–331 : ill <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084386995&partnerID=40&md5=b18526954c2e08531266a8f19f44811e> [http://smc2019.uma.es/docs/SMC2019\\_Proceedings.pdf](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](https://www.ester.ee/record=b1218154*est)

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

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

**Extended observer form with vector fields**

**Mullari, Tanel; Kotta, Ülle; Kaldmäe, Arvo; Kaparin, Vadim;** Simha, Ashutosh International journal of control 2024 / p. 2399 - 2412 <https://doi.org/10.1080/00207179.2023.2274060> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Extended observer forms for submersive discrete-time systems**

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

**Extending multi-criteria coastal vulnerability assessment to low-lying inland areas: Examples from Estonia, eastern Baltic Sea**

**Barzehkar, Mojtaba; Parnell, Kevin Ellis; Soomere, Tarmo** Estuarine, coastal and shelf science 2024 / art. 109014 <https://doi.org/10.1016/j.ecss.2024.109014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

**Farey jadad ja Minkowski ?-funktsioon**

**Leibak, Alar** Aastaraamat 2017 / Eesti Matemaatika Selts 2018 / lk. 31-37 [https://www.ester.ee/record=b1226018\\*est](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](https://www.ester.ee/record=b5511738*est)

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

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

**Faster magic angle spinning reveals cellulose conformations in woods**

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

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

**Mullari, Tanel; Kotta, Ülle** Proceedings of the Estonian Academy of Sciences 2020 / p. 11-26 <https://doi.org/10.3176/proc.2020.1.03> [http://kirj.ee/32996/?tpl=1061&c\\_tpl=1064](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](http://www.ester.ee/record=b4658990*est)

**Filosoof maailma muutmas : [köne 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](https://www.ester.ee/record=b5521198*est)

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

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

**First European physics olympiad**

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

### **First European physics olympiad - short and challenging problems**

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

### **The first Global e-Competition on Astronomy and Astrophysics**

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

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

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

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

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

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

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

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

**Delpeche-Ellmann, Nicole Camille**; Rajabi-Kiasari, Saeed; **Ellmann, Artu** 13th Coastal Altimetry Workshop & Coastal Altimetry Training, 6-10 February 2023, Universidad de Cádiz, Spain : abstract 2023 / p. 42  
<https://www.coastalaltimetry.org/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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Forecasting sea level maxima using machine learning models in the Baltic Sea**

**Rajabi-Kiasari, Saeed**; **Delpeche-Ellmann, Nicole Camille**; **Ellmann, Artu** International Liège Colloquium 2024 : Ocean Extremes 2024 / 1 p [https://gher-uliege.github.io/liege-colloquium-2024/abstracts/2024-01-26\\_12:01:45\\_IP\\_193.40.250.130.pdf](https://gher-uliege.github.io/liege-colloquium-2024/abstracts/2024-01-26_12:01:45_IP_193.40.250.130.pdf)

### **Foreword**

**Soomere, Tarmo** Estonian Academy of Sciences yearbook 2019 : words and images. Facts and figures = Annales Academiae Scientiarum Estonicae 2020 / p. 5 [https://www.ester.ee/record=b1218154\\*est](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](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](https://www.ester.ee/record=b1874722*est)

### **Foreword**

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

### **Formalizing restriction categories**

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

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

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

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

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



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

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

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

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

### **Full field computing for elastic pulse dispersion in inhomogeneous bars**

**Berezovski, Arkadi;** Kolman, Radek; Berezovski, Mihhail; Gabriel, Dusan; Adámek, V. Composite structures 2018 / p. 388-394 : ill <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](https://www.iiav.org/archives_icsv_last/2017_icsv24/content/papers/papers/full_paper_867_20170403135841549.pdf)

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

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

### **Füüsik Jaan Kalda: tuumaenergeetika ohud seonduvad pigem inimliku faktoriga**

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

### **Füüsik vastab, kas nutitelefoni saaks laadida kehasoojusega [Võrguväljaanne]**

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

### **Füüsik vastab, kui energiasäästlikuks saab kodumasinad timmida [Võrguväljaanne]**

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

### **Füüsika ülesannete kogu gümnaasiumile**

**Paju, Erna;** Paju, Venda; **Loide, Rein-Karl** 2020 [https://www.ester.ee/record=b5368085\\*est](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](https://www.ester.ee/record=b1072243*est)

### **Füüsikaolümpiaadilt Tokyos võis kuldmedal jääda tulemata ülesannete lihtsa loomu tõttu**

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

### **Füüsikaprofessor kritiseerib: riiklikul tuumaenergiaraportil on suur puudujääk**

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

### **Füüsikaprofessor selgitab, kuidas köiel kõndides tasakaalu hoida**

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

### **Füüsikaprofessor: riiklikul tuumaenergiaraportil on suur puudujääk**

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

### **Füüsikat teades muutub ka saunaskäik mõnusamaks**

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

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

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

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

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

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

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

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

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

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

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

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

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

### **Gloabalprobleemid pole lihtsad**

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

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

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

### **Graniitliiva needus! Kas talvesaapasse sattuvad kivis on süüdi kurjad vaimud või lihtne füüsika?**

Joakit, Ekvard Õhtuleht 2023 / lk. 10 [Graniitliiva needus! Kas talvesaapasse sattuvad 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>  
[Journal metrics at Scopus](#) [Article at Scopus](#)

### **Guyer-Krumhansl-type heat conduction at room temperature**

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

### **Halval ajal vajame head nõu**

**Soomere, Tarmo** Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 307-309 [https://www.ester.ee/record=b5521198\\*est](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://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 nõu tee läheb Euroopas üle kivide ja kändude**

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

### **Hea teadustava**

2017 [http://www.ester.ee/record=b4761000\\*est](http://www.ester.ee/record=b4761000*est) [https://www.eetika.ee/sites/default/files/www\\_ut/hea\\_teadustava\\_trukis.pdf](https://www.eetika.ee/sites/default/files/www_ut/hea_teadustava_trukis.pdf)

### Heat conduction in microstructured solids

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

### Heat conduction in microstructured solids under localised pulse loading

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

### Heitlusest kroonviirusega suure sõja lävepakuni

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

### Heterogeneity of diffusion restrictions in cardiomyocytes = Difusioonitakistuste heterogeensus südamelihaskudedes

**Jepihhina, Natalja** 2017 <https://digi.lib.ttu.ee/i/?8085> [https://www.ester.ee/record=b4681847\\*est](https://www.ester.ee/record=b4681847*est)

### Hidden secrets of transverse coastal upwelling jets revealed using a synergy of data in the Gulf of Finland, Baltic Sea

**Delpeche-Ellmann, Nicole Camille; Soomere, Tarmo** Abstracts : [BSSC 2019] 2019 / p. 112  
[https://www.su.se/polopoly\\_fs/1.446756.1566224624!/menu/standard/file/abstracts\\_A5\\_ny.pdf](https://www.su.se/polopoly_fs/1.446756.1566224624!/menu/standard/file/abstracts_A5_ny.pdf)

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

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

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

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

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

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

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

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

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

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

### Hiiglaste õlgadelt näeb kaugemale

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

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

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

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

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

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

**Männikus, Rain; Soomere, Tarmo;** Suursaar, Ülo Estonian journal of earth sciences 2024 / p. 98-111  
<https://doi.org/10.3176/earth.2024.10> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

**Identification of excitons and biexcitons in Sb<sub>2</sub>Se<sub>3</sub> 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](https://www.ester.ee/record=b5397258*est)

**Ilmar Kleisi uuringutest**

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

**Ilmar Koppel 16.01.1940-08.01.2020 : in memoriam**

**Soomere, Tarmo**; Lust, Enn Universitas Tartuensis : UT : Tartu Ülikooli ajakiri 2020 / lk. 44-45 : portr [https://www.ester.ee/record=b2459950\\*est](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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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](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](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](https://www.ester.ee/record=b1218094*est)

**In memoriam Anto Raukas [Võrguväljaanne]**

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

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

**Eelsalu, Maris; Männikus, Rain; Pindsoo, Katri; Soomere, Tarmo** 7th IEEE/OES Baltic Symposium Clean and Safe Baltic Sea and Energy Security for the Baltic countries : abstract book : 12-15 June 2018 Klaipėda, Lithuania 2018 / p. 27 [http://balticvalley.lt/baltic2018/wp-content/uploads/2018/06/abstract-book\\_7th\\_Baltic-Symposium\\_20180528.pdf](http://balticvalley.lt/baltic2018/wp-content/uploads/2018/06/abstract-book_7th_Baltic-Symposium_20180528.pdf)

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

**Soomere, Tarmo; Barzehkar, Mojtaba; Parnell, Kevin Ellis** New challenges for Baltic Sea Earth System research : conference proceedings 2024 / p. 116-117 [https://baltic.earth/imperia/md/assets/baltic\\_earth/baltic\\_earth/baltic\\_earth/5bec\\_proceedings.pdf](https://baltic.earth/imperia/md/assets/baltic_earth/baltic_earth/baltic_earth/5bec_proceedings.pdf)

**In search of the biggest bangs since the big bang**

Ellis, John; **Urrutia, Juan**; Fairbairn, Malcolm; **Vaskonen, Ville** International Journal of Modern Physics D 2024 / art. 2440004 <https://doi.org/10.1142/S0218271824400042> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**In situ electric-field control of THz nonreciprocal directional dichroism in the multiferroic Ba<sub>2</sub>CoGe<sub>2</sub>O<sub>7</sub>**

Vít, J.; Viirik, Johan; **Peedu, Laur**; Rõõm, Toomas; Nagel, Urmas; Kocsis, V.; Tokunaga, Y.; Taguchi, Y.; Tokura, Y.; Kezsmarki, I.; Balla, P.; Penc, K.; Romhányi, J.; Bordacs, S. Physical review letters 2021 / art. 157201, 6 p. : ill <https://doi.org/10.1103/PhysRevLett.127.157201>

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

**Barzehkar, Mojtaba; Parnell, Kevin Ellis; Soomere, Tarmo** Journal of coastal research 2024 / p. 58-62 <https://doi.org/10.2112/JCR-SI13-012.1>

**Index based multi-criteria approach to coastal risk assesment**

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

**Influence of alkali iodide fluxes on Cu<sub>2</sub>ZnSnS<sub>4</sub> monograin powder properties and performance of solar cells**

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

**Influence of Cu<sub>2</sub>S, SnS and Cu<sub>2</sub>ZnSnSe<sub>4</sub> on optical properties of Cu<sub>2</sub>ZnSnS<sub>4</sub>**

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

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

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

**Influence of microstructure on thermoelastic wave propagation**

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

**Influence of nonlinearity**

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

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

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

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

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

**Influence of the fiber orientations on the fracture of fiber concrete**

**Herrmann, Heiko; Braunbrück, Andres; Marjapuu, Rasmus-Richard; Tuisk, Tanel** M2D2017 : proceedings of the 7th International Conference on Mechanics and Materials in Design : (Albufeira/Portugal, 11-15 June 2017) 2017 / p. 631-632 : ill [https://paginas.fe.up.pt/~m2d/Proceedings\\_M2D2017/data/papers/Book.pdf](https://paginas.fe.up.pt/~m2d/Proceedings_M2D2017/data/papers/Book.pdf)

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

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

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



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

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

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

**Influencing factors of moisture measurement when using microwave reflection method**

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

**Inimene piiril eri teadusvaldkondade vaates**

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

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

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

**Inimliku teaduskommunikatsiooni võimalikkusest**

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

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

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

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

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

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

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

**Instead of introduction**

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

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

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

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

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

**Intelligentsus kui ruumivajaduse mõõt**

**Soomere, Tarmo** Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 310-315 [https://www.ester.ee/record=b5521198\\*est](https://www.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](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](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](https://www.baltic-earth.eu/publications/IBESPublications/No_13_Helsingor_Proceedings/2ndBalticEarthConferenceProceedings_IBESP_No13_web.pdf)

#### **Internal variables and microinertia**

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

#### **Internal variables as a tool for extending Navier-Stokes equations**

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

#### **Internal variables associated with microstructures in solids**

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

#### **Internal variables in thermoelasticity**

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

#### **Internal variables representation of generalized heat equations**

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

#### **Internal variables used for describing the signal propagation in axons**

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

#### **Intervjuu : Andrea Giudici**

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

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

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

#### **Intriguing interannual variations of sediment transport in the Gulf of Riga**

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

#### **Intrinsic conditions for extended observer forms for nonlinear systems**

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

#### **Introduction**

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

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

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

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

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

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

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

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

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

**Inverse problems for a generalized fractional diffusion equation with unknown history**

**Janno, Jaan** Inverse problems 2024 / art. 125015 <https://doi.org/10.1088/1361-6420/ad92a3> [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 lamekraanilt 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://www.ester.ee/record=b5672013*est)  
<https://doi.org/10.23658/taltech.12/2024>

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

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

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

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

**Investeeringute matemaatika alused**

**Aasma, Ants; Kurvits, Jüri; Zeltser, Maria** 2020 [https://www.ester.ee/record=b5298755\\*est](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](http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf)

**Involvement of Escherichia coli YbeX/CorC in ribosomal metabolism**

**Sangül, İsmail; Žukova, Amata; Alparslan, Emel; Remm, Sille; Pihlak, Margus; Kaldalu, Niilo; Tenson, Tanel; Maiväli, Ülo** Molecular Microbiology 2024 / p. 984 - 1001 <https://doi.org/2-s2.0-85188420785> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

**IOCBIO Sparks detection and analysis software**

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

**IOCBIO Sparks detection and analysis software**

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

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

Engelbrecht, Jüri Sirp 2017 / lk. 37

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

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

**Jaan Kalda: Maarjamaalt Muhusse**

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

**Jaan Kalda: Nobeli füüsikapreemia mustade aukude maaletoojaile**

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

**Jaan Kalda: perspektiiv ja projektsioon [Võrguväljaanne]**

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

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

Giudici, Andrea; Kalda, Jaan; Soomere, Tarmo Journal of coastal research Proceedings of the 15th International Coastal Symposium, Haeundae, Busan, 13-18 May 2018 2018 / p. 1156 - 1160 <https://doi.org/10.2112/SI85-232.1>

<https://www.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](#)

**A Journey into the Nonlinear World : [a book]**

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

**Juhuslikud jalutuskäigud teadusmetsas**

Engelbrecht, Jüri 2021 [https://www.ester.ee/record=b5458041\\*est](https://www.ester.ee/record=b5458041*est)

**Juubelihõngulisel füüsikaolümpiaadil hiilgasid nooremad võistlejad**

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

**Järjepidevuse ja muutlikkuse tasakaal**

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

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

Soomere, Tarmo; Niinemets, Ülo; Niglas, Katrin; Pilt, Ebe; Roosalu, Triin; Randma-Liiv, Tiina 2018  
[https://www.ester.ee/record=b5208206\\*est](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](https://www.ester.ee/record=b5303400*est)

**Jüri Engelbrecht: Loodus ja füüsika**

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

**Jüri Engelbrecht: teadmistest globaalses maailmas**

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

**Jüri Engelbrecht: ühiskondade arengust pikemas perspektiivis**

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

**Jüri Kurvits: uskumus, et „matemaatika pole minu jaoks“ võib osutada takistavamaks, kui teadmiste puudumine**

**Kurvits, Jüri** delfi.ee 2025 <https://epl.delfi.ee/artikkel/120385933/juri-kurvits-uskumus-et-matemaatika-pole-minu-jaoks-voib-osutada-takistavamaks-kui-teadmiste-puudumine>

### **Kaasaaegne mikroskoopia paljastab südame soopõhised struktuurierisused**

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

### **Kadunud põlvkonna kuld**

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

### **Kadunud põlvkonna peidetud kuld**

**Soomere, Tarmo** Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 226-230 [https://www.ester.ee/record=b5521198\\*est](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://www.ester.ee/record=b5521198*est)  
<https://dea.digar.ee/article/eestipaevaleht/2021/06/08/5.4>

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

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

### **Kallase asendamatus on julgeolekurisk**

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

### **Kaoset korra otsija ülestähendused**

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

### **Kaoset usaldusväärse prognoosini**

**Soomere, Tarmo** Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 67-69 [https://www.ester.ee/record=b5521198\\*est](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](http://www.ester.ee/record=b2459950*est)

### **Kas avaldada kliimamuutuse vastu meelt või tegutseda?**

**Tõugu, Enn** Eesti Päevaleht 2019 / lk. 3

### **Kas Eesti vajab tuumajaama?**

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

### **Kas ja kuidas töötab teadus majanduse mootorina?**

**Soomere, Tarmo** Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2016 2017 / lk. 77-80 : portr [http://www.ester.ee/record=b1218094\\*est](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://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://www.ester.ee/record=b5521198*est)  
<https://dea.digar.ee/cgi-bin/dea?a=d&d=keskus20190310.2.8.1>

### **Kas leiduks küünalt, mis levitaks pimedust?**

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

### **Kas oleme juba suure pahandusega hakkama saanud?**

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

### **Kastepunkti teadmine aitab hoida tervist ja võtta paremat leili**

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

### **Katseliselt leitud parimad viisid maailma muutmiseks**

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

### **Kavalam on kogu elektriamaale rattad alla panna**

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

## Keelte suhestumine kui Koljati ja Taaveti dialoog

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

## Kes peab saunas kauem vastu, kas kaalukam või kõhnem?

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

## Kesterite monograins for solar cells and water splitting applications

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

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

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

## Kinematics of ideal string vibration against a rigid obstacle

**Kartofelev, Dmitri** Proceedings of the 20th International Conference on Digital Audio Effects : 5-9 September 2017, Edinburgh UK 2017 / p. DAFX-40 - DAFX-47 : ill [http://www.dafx17.eca.ed.ac.uk/papers/DAFx17\\_Proceedings.pdf](http://www.dafx17.eca.ed.ac.uk/papers/DAFx17_Proceedings.pdf)

## Kiskjad teadlase rahakoti kallal ja "plaan S"

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

## Klassikaline ja mitteparameetiline matemaatiline statistika : õpik kõrgkoolidele

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

## Kliima ja keskkond

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

## Kliimamuutus : mööduv kerge palavik või äratuskell?

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

## Kliimamuutuste kaugel kõmin Eestit puudutamas

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

## Kliimamuutuste kaugel 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](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](#)

## Knowledge generation and interdisciplinarity

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

## Kogumik Eesti Vabariigi [p]reemiad 2020

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

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

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

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

**Kalda, Jaan** kasulik.delfi.ee/ 2020 / fot [Kolm lahendust, kuidas maski kandes prillid uduseks ei lähe](#)

## Kolm muinaslugu füüsikas

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

## Kolm printsi Serendipist

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



### **Kolm x seitseteist minutit uut normaalsust**

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

### **Kolm x seitseteist minutit uut normaalsust**

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

### **Kolme minuti loengute finaalgala osaleb 15 noorteadlast**

postimees.ee 2023 [Kolme minuti loengute finaalgala osaleb 15 noorteadlast](#)

### **Kolme minuti pikkune igavik**

**Soomere, Tarmo** Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 170-174 [https://www.ester.ee/record=b5521198\\*est](https://www.ester.ee/record=b5521198*est)  
[https://www.ester.ee/record=b5245642\\*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://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](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](https://www.ester.ee/record=b5054043*est)

### **Kombineerides vastandeid : [teadlaskarjääri süsteemist]**

Niinemets, Ülo; Randma-Liiv, Tiina; **Soomere, Tarmo** Sirp 2017 / lk. 4-6 : ill <http://www.sirp.ee/s1-artiklid/c21-teadus/kombineerides-vastandeid/>

### **[Kommentaari Eesti põhiseaduse § 38-le]**

**Soomere, Tarmo** Põhiseadus 100 2020 / lk. 52-53 : portr [https://www.ester.ee/record=b5450255\\*est](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](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](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](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](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](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](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, Pärjviirus akadeemikute hambus**

**Soomere, Tarmo** Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 131-142 [https://www.ester.ee/record=b5521198\\*est](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, Pärjviirus 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](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://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](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-tougu-kuidas-jouda-uuringutest-majanduskasvuni/)

### **Kuidas kaugel ja külmalõunaookean 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](http://www.ester.ee/record=b1218094*est)

### **Kuidas kiiresti põlevkivi kvaliteeti määrata?**

toostusuudised.ee 2023 [Kuidas kiiresti põlevkivi kvaliteeti määrata?](https://www.toostusuudised.ee/2023/06/14/kuidas-kiiresti-polevkivi-kvaliteeti-maarata/)

### **Kuidas kolme minutiga maailma muuta?**

**Giudici, Andrea**; Dorbek-Kolin, Elisabeth; Joonas, Elise; Roots, Fideelia-Signe; Urvik, Janek; **Uemaa, Madis**; Laas, Oliver; Laansalu, Tiina Sirp 2017 / lk. 31 : fot <http://www.sirp.ee/s1-artiklid/c21-teadus/kuidas-kolme-minutiga-maailma-muuta/>

### **Kuidas ma olen teadust teinud ja seda rakendanud : 2017. aasta riikliku elutööpreemia laureaat akadeemik Enn Tõugu**

**Tõugu, Enn** Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2017 2018 / lk. 109-116

### **Kuidas mõjutab inimese kehakaal tema saunaskäiku?**

**Kalda, Jaan** novaator.err.ee 2024 [Kuidas mõjutab inimese kehakaal tema saunaskäiku?](https://novaator.err.ee/2024/06/14/kuidas-mojutab-inimese-kehakaal-tema-saunaskaiku/)

### **„Kuidas nad on teinud ära riigieksami?“ Aukliku taseme tagamaad**

**Raudla, Heiki** Õpetajate Leht 2025 / lk. 10-11 [„Kuidas nad on teinud ära riigieksami?“ Aukliku taseme tagamaad](https://www.opetajateleht.ee/2025/06/10-11-kuidas-nad-ona-teinud-ara-riigieksami-aukliku-taseme-tagamaad/)

### **Kuidas noppida teaduspõu vilju?**

**Tõugu, Enn** Postimees 2018 / AK, lk. 9 [Enn Tõugu: kuidas noppida teaduspõu vilju?](http://www.postimees.ee/2018/06/09/enn-tougu-kuidas-noppida-teaduspou-vilju/)

### **Kuidas selgitab jaanipäeva rahvauskumusi AI ja kuidas teadlane?**

postimees.ee 2025 <https://teadus.postimees.ee/8273019/kuidas-selgitab-jaanipaeva-rahvauskumusi-ai-ja-kuidas-teadlane>

### **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://www.pealinn.ee/2023/06/14/kuidas-voib-nimetada-valimisi-uhetaolisteks-kui-e-haalt-saab-muuta-paberil-antud-haalt-aga-mitte/)

### **Kuluhüvitis on kommunismi kool**

**Samoson, Ago** Postimees 2023

### **Kuskil pole kirjas, et akadeemikuks peab saama kergesti**

**Soomere, Tarmo** Eesti Teaduste Akadeemia sõnas ja pildis 2023 2024 / lk. 44-45 : fot [https://www.ester.ee/record=b5054043\\*est](https://www.ester.ee/record=b5054043*est)

### **Kust tulevad pilved ja miks on rünkpilvede alumine äär sirge?**

**Kalda, Jaan** postimees.ee 2023 [Kust tulevad pilved ja miks on rünkpilvede alumine äär sirge?](https://www.postimees.ee/2023/06/14/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=b5521198*est)  
[https://www.ester.ee/record=b5054043\\*est](https://www.ester.ee/record=b5054043*est) <https://dea.digar.ee/article/JVesttasonas/2020/05/0/6.1>

### **Kutumuse ja paratamatuse segu**

**Soomere, Tarmo** Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 316-320 [https://www.ester.ee/record=b5521198\\*est](https://www.ester.ee/record=b5521198*est)

<https://kultuur.postimees.ee/7297396/tarmo-soomere-arvustab-vaalade-romula-maailma-serval>

### **Kuu piltide fotogramm-meetriline uurimine : mõõtes Apollo pärandit**

**Pustõnski, Vladislav-Veniamin** loodusajakiri.ee 2025 / lk. 40-45 [Kuu piltide fotogramm-meetriline uurimine : mõõtes Apollo pärandit](#)

[https://www.ester.ee/record=b1072243\\*est](https://www.ester.ee/record=b1072243*est)

### **Kuu pinnavormid**

**Mars, Mario** Minu Maailm 2017 / lk. 20-21 : fot [http://www.ester.ee/record=b3033179\\*est](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](https://www.ester.ee/record=b1218094*est)

### **Kõva sõna**

**Soomere, Tarmo** Postimees 2020 / lk. 2 : fot <https://dea.digar.ee/article/postimees/2020/09/07/3.4>

### **Käsmu sadamaplaan laineurija pilgu läbi : [küsimustele vastab Tarmo Soomere]**

**Soomere, Tarmo** Navigaator 2018 / lk. 28-29 : ill [https://www.ester.ee/record=b2091994\\*est](https://www.ester.ee/record=b2091994*est)

### **Kübeke suveteadust: miks grillvorstid pikkupidi lõhkevad**

Oidermaa, Jaan-Juhan novaator.err.ee 2023 [Kübeke suveteadust: miks grillvorstid pikkupidi lõhkevad](#)

### **Küberneetikakorüfee Enn Tõugu: kas arvutid võtavad inimestelt võimu üle? Ma eriti ei usu**

Aesma, Madis; **Tõugu, Enn** Eesti Päevaleht 2017 / lk. 18-19 <https://epl.delfi.ee/artikkel/77295280/kuberneetikakorüfee-enn-tougu-kas-arvutid-votavad-inimestelt-voimu-ule-ma-eriti-ei-usu>

### **Küberruumi turvalisus on igaühe asi**

**Tõugu, Enn** Postimees 2017 / AK, lk. 11

### **Laamade liitumine : kaks teadlaste maailmaorganisatsiooni ühinesid : [võrguväljaanne]**

**Pilt, Ebe** postimees.ee 2018 <https://teadus.postimees.ee/4517755/laamade-liitumine-kaks-teadlaste-maailmaorganisatsiooni-uhinesid>

### **Lagrangian timescales in the gulf of Finland**

**Viikmäe, Bert; Torsvik, Tomas** Geophysical research abstracts 2017 / p. EGU2017-3854

<http://meetingorganizer.copernicus.org/EGU2017/EGU2017-3854.pdf>

### **Lainelevi modelleerimine tahkistes ja komplekssüsteemid**

**Engelbrecht, Jüri** Teadusmõte Eestis (X). Tehnikateadused. 3 : [artiklikogumik] 2019 / lk. 37-47 : ill., fot

[https://www.ester.ee/record=b5208765\\*est](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://www.ester.ee/record=b5521198*est)

<https://dea.digar.ee/article/opetajateleht/2018/09/14/8.1>

### **Leidlik ja inimlik haridus sillutab teed tulevikku**

**Soomere, Tarmo** Sirp 2021 / lk. 34-36 : ill <https://sirp.ee/s1-artiklid/c21-teadus/leidlik-ja-inimlik-haridus-sillutab-teed-tulevikku/>

### **Lembit Kurik: paljud niiskusprobleemid on silmaga näha ja lahendused teada**

Raudvassar, Liina Eesti Kirik 2024 / lk. 4-5 [Lembit Kurik: paljud niiskusprobleemid on silmaga näha ja lahendused teada](#)

### **Linearization of discrete-time control system by state transformation**

**Mullari, Tanel; Kotta, Ülle** Proceedings of the Estonian Academy of Sciences 2021 / p. 62–79 <https://doi.org/10.3176/proc.2021.1.09>

[https://kirj.ee/wp-content/plugins/kirj/pub/proc-1-2021-62-79\\_20210630094644.pdf?v=a57b8491d1d8](https://kirj.ee/wp-content/plugins/kirj/pub/proc-1-2021-62-79_20210630094644.pdf?v=a57b8491d1d8) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Linking changes in the directional distribution of moderate and strong winds with changes in wave properties in the eastern Baltic proper**

**Soomere, Tarmo; Eelsalu, Maris; Viigand, Katri; Giudici, Andrea** Journal of coastal research 2024 / p. 190-194

<https://doi.org/10.2112/JCR-S113-038.1>

### **Live-cell photoactivated localization microscopy correlates nanoscale ryanodine receptor configuration to calcium sparks in cardiomyocytes**

Hou, Yufeng; **Laasmaa, Martin**; Li, Jia; Shen, Xin; Manfra, Ornella; Nordén, Einar S.; Le, Christopher; Zhang, Lili; Sjaastad, Ivar;

Jones, Peter P.; Soeller, Christian; Louch, William Edward Nature cardiovascular research 2023 / p. 251-267  
<https://doi.org/10.1038/s44161-022-00199-2>

### **Integrating multi-criteria decision analysis and GIS for coastal vulnerability assessment : a case study in Estonia, Eastern Baltic Sea**

**Barzehkar, Mojtaba; Parnell, Kevin Ellis; Soomere, Tarmo** Nordic Geographers Meeting (NGM) : book of abstracts 2024 / p. 251  
[http://ngm2024.com/wp-content/uploads/2024/06/NGM\\_Book\\_of\\_Abstracts\\_Final\\_New.pdf](http://ngm2024.com/wp-content/uploads/2024/06/NGM_Book_of_Abstracts_Final_New.pdf)

### **Local strain-induced band gap fluctuations and exciton localization in aged WS2 monolayers**

**Krustok, Jüri; Kaupmees, Reelika;** Jaaniso, Raivo; Kiisk, Valter; Sildos, Ilmo; Li, B.; Gong, Y. AIP advances 2017 / art. 065005, 12 p.  
<https://doi.org/10.1063/1.4985299> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Long-term and decadal sea-level trends of the Baltic Sea using along-track satellite altimetry**

**Mostafavi, Majid; Ellmann, Artu; Delpeche-Ellmann, Nicole Camille** Remote sensing 2024 / art. 760

<https://doi.org/10.3390/rs16050760> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Long-term changes of waves at the German Baltic Sea coast: Are there trends from the past?**

Dreier, Norman; **Männikus, Rain;** Fröhle, Peter Journal of coastal research 2020 / p. 1416-141621 <https://doi.org/10.2112/SI95-274.1>

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

### **Loodusvarad kui riigi põhikapital**

**Soomere, Tarmo** Postimees 2017 / ak, lk. 7 <https://arvamus.postimees.ee/4130749/tarmo-soomere-essee-loodusvarad-kui-riigi-pohikapital>

### **Lootusteadlase pilguga vajab Eesti võimalikult laia koalitsiooni**

**Samoson, Ago** postimees.ee 2023 [Lootusteadlase pilguga vajab Eesti võimalikult laia koalitsiooni](#)

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

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

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

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

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

### **Lugeja küsib: kes mu kotipõhja poetatud juhtmed jälle sõlme keeras?**

Reimann, Andres novaator.err.ee 2024 [Lugeja küsib: kes mu kotipõhja poetatud juhtmed jälle sõlme keeras?](#)

### **Lugeja küsib: kuidas vältida fotol punaseid silmi?**

**Kalda, Jaan** novaator.err.ee 2023 [Lugeja küsib: kuidas vältida fotol punaseid silmi?](#)

### **Lugeja küsib: miks inimene vette hüpatas haiget saab?**

**Kalda, Jaan** novaator.err.ee 2024 [Lugeja küsib: miks inimene vette hüpatas haiget saab?](#)

### **Lugeja küsib: miks kipuvad veetorud ära külmuma just ilma soojemaks minnes? [Võrguväljaanne]**

**Kalda, Jaan; Mere, Arvo** novaator.err.ee 2021 ["Lugeja küsib: miks kipuvad veetorud ära külmuma just ilma soojemaks minnes?"](#)

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

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

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

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

### **A luminescence study of Cu<sub>2</sub>ZnSnSe<sub>4</sub>/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](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](https://www.ester.ee/record=b5521198*est)

### **Läänemere idarannik satub tulevikus sagedamini kõrgvete meelevalda**

novaator.err.ee 2025 <https://novaator.err.ee/1609649417/laanemere-idarannik-satub-tulevikus-sagedamini-korgvete-meelevalda>

### **Läänemere rahutute rannikute põnevad saladused**

**Soomere, Tarmo** Teadusmõte Eestis (X). Tehnikateadused. 3 : [artiklikogumik] 2019 / lk. 177-189 : ill., fot  
[https://www.ester.ee/record=b5208765\\*est](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](http://www.ester.ee/record=b4654069*est)

**Maarja Grossberg ja Jüri Krustok: teadus areneb alati säästlikuma ja tõhusama poole**

**Grossberg, Maarja; Krustok, Jüri** *Mente et Manu* 2021 / lk. 12-17 : fot <Mente et Manu 2/2021>

**Machine learning Forecasting of Absolute Dynamic Topography in the Baltic Sea**

**Rajabi-Kiasari, Saeed; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu** *Nordic Geodetic Commission General Assembly 2022 in Copenhagen* : Poster Session 2022 / 36 l. <https://medialib.cmcdn.dk/medialibrary/010C1367-E991-4A33-AB10-1953247E9C23/530AEABD-3A25-ED11-84B6-00155D0B0940.pdf>

**Machine learning prediction for filling the interruptions of tide gauge data using a least square estimation method from nearest stations**

**Jahanmard, Vahidreza; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu** *Geodesy for a Sustainable Earth, Scientific Assembly of the International Association of Geodesy* : abstract book 2021 / S5-030 p. 529 [https://mm.sciconf.cn/en/minisite/poster-detail-new/1646?poster\\_id=1563508](https://mm.sciconf.cn/en/minisite/poster-detail-new/1646?poster_id=1563508) [https://files.sciconf.cn/upload/file/20210626/20210626085039\\_69146.pdf](https://files.sciconf.cn/upload/file/20210626/20210626085039_69146.pdf)

**Major changes to directional forcing of sediment transport along the eastern Baltic Sea coast**

**Eelsalu, Maris; Soomere, Tarmo** *New challenges for Baltic Sea Earth System research* : conference proceedings 2024 / p. 57-58  
[https://baltic.earth/imperia/md/assets/baltic\\_earth/baltic\\_earth/baltic\\_earth/5bec\\_proceedings.pdf](https://baltic.earth/imperia/md/assets/baltic_earth/baltic_earth/baltic_earth/5bec_proceedings.pdf)

**Mapping wave set-up near a complex geometric urban coastline**

**Soomere, Tarmo; Pindsoo, Katri;** *Bishop, Steven Richard; Käärd, Arvo; Valdmann, Ain Natural Hazards and Earth System Sciences 2013* / p. 3049 - 3061 <https://doi.org/10.5194/nhess-13-3049-2013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Marine drifter data collection tool [Online resource]**

**Giudici, Andrea** *Baltic Earth Workshop on multiple drivers for Earth system changes in the Baltic Sea region* : Tallinn University of Technology, Tallinn, Estonia 26-27 November 2018 : [programme, abstracts, participants] 2018 / p. 32 [https://www.baltic-earth.eu/publications/IBESPublications/No\\_14\\_Workshop\\_Multiple\\_Drivers\\_Tallinn\\_Nov2018/No.14\\_Tallinn2018.pdf](https://www.baltic-earth.eu/publications/IBESPublications/No_14_Workshop_Multiple_Drivers_Tallinn_Nov2018/No.14_Tallinn2018.pdf)

**Marker enzyme activities in hindleg from creatine-deficient AGAT and GAMT KO mice - differences between models, muscles, and sexes**

**Barsunova, Karina; Vendelin, Marko; Birkedal Nielsen, Rikke** *Scientific reports 2020* / Art. 7956, 9 p  
<https://doi.org/10.1038/s41598-020-64740-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Marti Aavik: Postimehe ja Eesti Teaduste Akadeemia nõukoda [Võrguväljaanne]**

*Postimees* 2021 <https://leht.postimees.ee/7151207/marti-aavik-postimehe-ja-eesti-teaduste-akadeemia-noukoda>

**Masinad on üha targemad, mis edasi saab?**

**Tõugu, Enn** *Postimees* 2017 / AK, lk. 10 <https://teadus.postimees.ee/4005457/enn-tougu-masinad-on-uha-targemad-mis-edasi-saab>

**Masside vaimsus**

**Soomere, Tarmo** *Akadeemilisi arutlusi* : ilmast ja inimestest 2022 / lk. 269-273 [https://www.ester.ee/record=b5521198\\*est](https://www.ester.ee/record=b5521198*est)

**Masside vaimsus**

**Soomere, Tarmo** *KesKus* 2018 / lk. 6-7 <http://kes-kus.ee/masside-vaimsus/>

**A matched filter technique for slow radio transient detection and first demonstration with the Murchison Widefield Array**

**Feng, L.; Vaulin, R.; Hewitt, J. N.; Remillard, R.; Kudryavtseva, Nadezhda** *The astronomical journal* 2017 / art. 98  
<https://doi.org/10.3847/1538-3881/153/3/98> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Matemaatika ja füüsika. Valemid ning hüpoteesid**

**Rahula, Maido; Väljas, Mati** 2017 [http://www.ester.ee/record=b4693288\\*est](http://www.ester.ee/record=b4693288*est)

**Matemaatika ja matemaatiline statistika [Võrguväljaanne]**

**Janno, Jaan** *Eesti Teaduste Akadeemia* : Youtube kanal 2020 / video [Matemaatika ja matemaatiline statistika](#)

**Matemaatika lektor: matemaatikat peaks õpetama kirglikumalt**

**Kurvits, Jüri** *err.ee* 2025 <https://eeter.err.ee/1609654679/matemaatika-lektor-matemaatikat-peaks-opetama-kirglikumalt>

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



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

### Mathematics of nerve signals

**Peets, Tanel; Tamm, Kert** Applied wave mathematics II : selected topics in solids, fluids, and mathematical methods and complexity 2019 / p. 207-238 [https://doi.org/10.1007/978-3-030-29951-4\\_10](https://doi.org/10.1007/978-3-030-29951-4_10) [https://www.ester.ee/record=b5303400\\*est](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](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 $\tau$ decay products = Higgsi bosoni seoseparameetrite mõõtmine mitmeid leptoneid ja hadronilisi $\tau$ 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](https://www.ester.ee/record=b5638918*est)

### Measurement of Higgs boson properties in leptonic final states using ML-methods = Higgsi bosoni omaduste mõõtmine leptoneid sisaldavates kanalites kasutades masinõppe meetodeid

**Tani, Laurits** 2024 [https://www.ester.ee/record=b5685160\\*est](https://www.ester.ee/record=b5685160*est) <https://doi.org/10.23658/taltech.25/2024> <https://digikogu.taltech.ee/et/Item/95677715-7be7-4696-a8a6-cdbe321761b2>

### Measurement of spontaneous current-induced patch formation processes in the marine surface layer

**Giudici, Andrea** 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 246 [http://www.bssc2015.lv/wp-content/uploads/2015/07/10th\\_BSSC\\_AbstractBook\\_final.pdf](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**; Bagdavičiute, Ingrida Journal of coastal research Proceedings of the 15th International Coastal Symposium, Haeundae, Busan, 13-18 May 2018 / p. 761–765 : ill <http://doi.org/10.2112/SI85-153.1> <https://www.jcronline.org/doi/pdf/10.2112/SI85-153.1>

### Measurements of long waves in Port of Klaipėda, Lithuania

Kelpšaitė-Rimkienė, Loreta; **Soomere, Tarmo**; Bagdavičiute, Ingrida The 15th International Coastal Symposium 2018 Haeundae, Busan, Republic of Korea 13th – 18th May 2018 : book of abstracts 2018 / p. 179

### Measurements of wave transformation in the coastal zone

**Torsvik, Tomas; Didenkulova, Irina**; Hemanth, V. V. S. S. R. 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 53 [http://www.bssc2015.lv/wp-content/uploads/2015/07/10th\\_BSSC\\_AbstractBook\\_final.pdf](http://www.bssc2015.lv/wp-content/uploads/2015/07/10th_BSSC_AbstractBook_final.pdf)

### Mechanical waves in myelinated axons

**Tamm, Kert; Peets, Tanel; Engelbrecht, Jüri** Biomechanics and modeling in mechanobiology 2022 / p. 1285-1297 <https://doi.org/10.1007/s10237-022-01591-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Mechanochemical synthesis of solid-state electrolyte $\text{Sm}_{1-x}\text{Ca}_x\text{F}_{3-x}$ for batteries and other electrochemical devices

**Molaiyan, Palanivel; Witter, Raiker** Materials letters 2019 / p. 22-26 <https://doi.org/10.1016/j.matlet.2019.02.034> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Mechanochemically driven covalent self-assembly of a chiral mono-biotinylated hemicucurbit[8]uril

**Suut-Tuule, Elina; Jarg, Tatsiana; Tikker, Priit; Lootus, Ketren-Marlein; Martõnova, Jevgenija; Reitalu, Rauno; Ustrnul, Lukas**; Ward, Jas S.; Rjabovs, Vitalijs; Shubin, Kirill; **Nallaparaju, Jagadeesh Varma; Vendelin, Marko; Preis, Sergei; Öeren, Mario**; Rissanen, Kari; **Kananovich, Dzmitry; Aav, Riina** Cell reports physical science 2024 / art. 102161 <https://doi.org/10.1016/j.xcrp.2024.102161> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Meenutusi akadeemik Maddisonist

**Aben, Hillar** Vaateid mehaanikale Eestis : 1918-2018 2019 / lk. 101 [https://www.ester.ee/record=b5190016\\*est](https://www.ester.ee/record=b5190016*est)

Meie igapäevast leiba anna ...

**Soomere, Tarmo** Maaleht 2018 / lk. 17

**Meie igapäevast leiba anna ...**

**Soomere, Tarmo** Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 188-191 [https://www.ester.ee/record=b5521198\\*est](https://www.ester.ee/record=b5521198*est)

**Meie planeet on sisenenud uude ajastusse. Mil biosfääri mõjutab kõige rohkem inimtegevus**

**Soomere, Tarmo** Eesti Teaduste Akadeemia sõnas ja pildis 2023 2024 / lk. 13-16 : fot [https://www.ester.ee/record=b5054043\\*est](https://www.ester.ee/record=b5054043*est)

**Merenduse ajalugu raiuti raamatusse**

**Soomere, Tarmo** Postimees 2023 / Lk. 8 <https://dea.digar.ee/article/postimees/2023/03/25/11.4>

**Merepõhi ei ole vaikne hauakoht**

**Soomere, Tarmo** Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 84-88 [https://www.ester.ee/record=b5521198\\*est](https://www.ester.ee/record=b5521198*est)  
<https://dea.digar.ee/article/postimees/2020/11/11/14.1>

**Merepõhi ei ole vaikne hauakoht**

**Soomere, Tarmo** Postimees 2020 / Lk. 15 <https://dea.digar.ee/article/postimees/2020/11/11/14.1>

**Mereteadlane: käes on täiesti uus aeg. Unustage vanad ilmatarkused!**

Rooväli, Küllike; **Soomere, Tarmo** Õhtuleht 2017 / lk. 5 <https://www.oh tuleht.ee/789014/mereteadlane-kaes-on-taiesti-uus-aeg-unustage-vanad-ilmatar kused>

**Mereteaduste komisjon**

**Soomere, Tarmo** Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2016 2017 / lk. 39-43  
[http://www.ester.ee/record=b1218094\\*est](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](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](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](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](https://www.ester.ee/record=b1218094*est)

**Meri ja rahu**

**Soomere, Tarmo** Sirp 2023 / lk. 4-5 : fot <https://www.sirp.ee/s1-artiklid/c21-teadus/meri-ja-rahu/>

**Metabolic compartmentation in rainbow trout cardiomyocytes : coupling of hexokinase but not creatine kinase to mitochondrial respiration**

**Karro, Niina; Sepp, Mervi; Jugai, Svetlana; Laasmaa, Martin; Vendelin, Marko; Birkedal Nielsen, Rikke** Journal of comparative physiology B 2017 / p. 103-116 : ill <https://doi.org/10.1007/s00360-016-1025-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Metropolise algoritm kui muutumise vajaduse kriteerium**

**Pihlak, Margus** Aastaraamat 2017 / Eesti Matemaatika Selts 2018 / lk. 45-53 : ill [https://www.ester.ee/record=b1226018\\*est](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** Математицки весник = Matematički Vesnik 2019 / p. 155–161 <http://www.vesnik.math.rs/vol/mv191210.pdf> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Microdeformation and microtemperature

Berezovski, Arkadi; Ván, Peter Internal variables in thermoelasticity 2017 / p. 175-190 [https://doi.org/10.1007/978-3-319-56934-5\\_13](https://doi.org/10.1007/978-3-319-56934-5_13)  
[Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### Microlensing of gravitational waves by dark matter structures

Fairbairn, Malcolm; Urrutia Perez, Juan; Vaskonen, Ville Journal of cosmology and astroparticle physics 2023 / art. 007  
<https://doi.org/10.1088/1475-7516/2023/07/007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Microstructured continua and scaling for wave motion

Engelbrecht, Jüri Atti della Accademia Peloritana dei Pericolanti, Classe di Scienze Fisiche, Matematiche e Naturali 2013 / art. A8  
<https://doi.org/10.1478/AAPP.91S1A8> [Journal metrics at Scopus](#) [Article at Scopus](#)

### Mida arvab uus president Rail Balticust?

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

### Mida peaks teadma vikerkaare kohta ja kust seda otsida?

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

### Mida peaks teadma vikerkaare kohta ja kust seda otsida?

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

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

Soomere, Tarmo 33 kõnet : Paide 3000 2021 / lk. 46-58 [https://www.ester.ee/record=b5452686\\*est](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](https://www.ester.ee/record=b5521198*est)

### Mida toob rahvusüliskoolile uus sajand?

Pärismaa, Sirje; Asser, Toomas Õpetajate Leht 2019 / Lk. 2-3 <https://opleht.ee/2019/12/mida-toob-rahvusuliskoolile-uus-sajand/>  
[https://www.ester.ee/record=b1072753\\*est](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](http://www.ester.ee/record=b1072059*est)

### Miks haigused levivad nii nagu nad levivad? Üllatav, kuid vastust ei tasu ainult arstide käest küsida

Peets, Tanel; Josepson, Raavo geenius.ee 2025 <https://digi.geenius.ee/blogi/teadus-ja-tulevik/miks-haigused-levivad-nii-nagu-nad-levivad-ullatav-kuid-vastust-ei-tasu-ainult-arstide-kaest-kusida/>

### Miks kassi silmad öösel hirmuäratavalt hiilgavad?

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

### Miks kostab vee ääres räägitud jutt kaugele?

Kalda, Jaan postimees.ee 2024 [Miks kostab vee ääres räägitud jutt kaugele?](#)

### Miks lähevad grillvorstid pikkupidi lõhki?

Kalda, Jaan postimees.ee 2023 [Miks lähevad grillvorstid pikkupidi lõhki?](#)

### Miks on Leedu ja Läti randades merevaiku, aga meil mitte? [Võrguväljaanne]

Soomere, Tarmo forte.delfi.ee 2020 / video [Miks on Leedu ja Läti randades merevaiku, aga meil mitte?](#)

### Miks on saunas kasulik teada kastepunkti ja millal läheb seal talumatult palavaks?

Kalda, Jaan postimees.ee 2024 [Miks on saunas kasulik teada kastepunkti ja millal läheb seal talumatult palavaks?](#)

### Miks tõuksiga rohkem kukutakse? Sest õige pidurdamistehnika on teine!

Kalda, Jaan ohtuleht.ee 2024 [Miks tõuksiga rohkem kukutakse? Sest õige pidurdamistehnika on teine!](#)

### Millal pääseb lõksus laev Suessi kanalist liikuma ja milline on juhtumi mõju maailmakaubandusele? [Võrguväljaanne]

Soomere, Tarmo; Kask, Toomas postimees.ee 2021 ["Millal pääseb lõksus laev Suessi kanalist liikuma ja milline on juhtumi mõju maailmakaubandusele?"](#)

### **Milleks meile füüsika(haridus)?**

delfi.ee 2022 [Milleks meile füüsika\(haridus\)?](#)

### **Millest sõltub väga kõrge ja madal veetase Väinameres?**

Männikus, Rain Le.ee 2024 [Millest sõltub väga kõrge ja madal veetase Väinameres?](#)

### **Milline või milline peaks olema Eesti ülikool? Juku-Kalle Raidile vastavad Tarmo Soomere, Jaak Valge, Riina Sikkut : video**

Soomere, Tarmo; Valge, Jaak; Sikkut, Riina postimees.ee 2025 <https://elu24.postimees.ee/8244478/elu25-video-milline-voi-milline-peak-olema-eesi-ulikool-juku-kalle-raidile-vastavad-tarmo-soomere-jaak-valge-riina-sikkut>

### **Millise matemaatika taustaga tudengeid ootavad ülikoolid?**

Soots, Hanna Britt; Vilo, Jaak opleht.ee 2024 [Millise matemaatika taustaga tudengeid ootavad ülikoolid?](#)

### **Millist teadust vajab Eesti? ehk Teadussüsteemi mitmekesisusest ja järjepidevusest**

Engelbrecht, Jüri Sirp 2017 / lk. 15-17 : fot <http://sirp.ee/s1-artiklid/c21-teadus/millist-teadust-vajab-eesi-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](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](https://www.ester.ee/record=b5521198*est) <http://sirp.ee/s1-artiklid/c21-teadus/mineviku-liitmine-tulevikuga-pole-lihtne-aritmeetika/>

### **The minimal time-varying realization of a nonlinear time-invariant system?**

Kotta, Ülle; Moog, Claude H.; Tönso, Maris 9th IFAC Symposium on Nonlinear Control Systems 2013 : Toulouse, France, 4 - 6 September 2013 2013 / p. 518 - 523 <https://doi.org/10.3182/20130904-3-FR-2041.00080> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **Minu juured: Akadeemik Jüri Engelbrecht: ärevatel sõja-aastatel pidas meie pere ka põgenemisplaane. Midagi tuli aga vahele...**

Engelbrecht, Jüri ohtuleht.ee 2023 [Minu juured: Akadeemik Jüri Engelbrecht: ärevatel sõja-aastatel pidas meie pere ka põgenemisplaane. Midagi tuli aga vahele...](#)

### **Mis on aeg?**

Soomere, Tarmo Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 73-74 [https://www.ester.ee/record=b5521198\\*est](https://www.ester.ee/record=b5521198*est)

### **Mis on aeg?**

Liiger, Mare; Vanamõlder, 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 [https://www.ester.ee/record=b5190016\\*est](https://www.ester.ee/record=b5190016*est)

### **Modeling of complex signals in nerve fibers**

Engelbrecht, Jüri; Tamm, Kert; Peets, Tanel Medical hypotheses 2018 / p. 90-95 : ill <https://doi.org/10.1016/j.mehy.2018.08.021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Modeling of multivariate skewness measure distribution**

Pihlak, Margus Stochastic Modeling, Data Analysis & Statistical Applications 2015 / p. 109-113

### **Modeling patchiness on the sea surface caused by the interplay of winds and currents in the Gulf of Finland [Online resource]**

Giudici, Andrea; Kalda, Jaan; Soomere, Tarmo 2nd Baltic Earth Conference The Baltic Sea in Transition : Helsingør, Denmark, 11 to 15 June 2018 : conference proceedings 2018 / p. 190-120 : ill [https://www.baltic-earth.eu/publications/IBESPublications/No\\_13\\_Helsingor\\_Proceedings/2ndBalticEarthConferenceProceedings\\_IBESP\\_No13\\_web.pdf](https://www.baltic-earth.eu/publications/IBESPublications/No_13_Helsingor_Proceedings/2ndBalticEarthConferenceProceedings_IBESP_No13_web.pdf)

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

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

### **Modelling of complex signals in nerves**

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

### **Modelling of internal waves in the Baltic Sea**

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

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

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

### **Modelling residual stresses in glass structures**

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

### **Modelling suitable layout for a small island harbour: A case study of Ruhnu in the Gulf of Riga, eastern Baltic Sea**

Männikus, Rain; Wang, W. W.; Eelsalu, Maris; Najafzadeh, Fatemeh; Bihs, H.; **Soomere, Tarmo** *Latvian journal of physics and technical sciences* 2024 / p. 3-24 <https://doi.org/10.2478/lpts-2024-0040>

### **Modification of closure depths by synchronisation of severe seas and high water levels**

**Soomere, Tarmo; Männikus, Rain; Pindsoo, Katri; Kudryavtseva, Nadezhda; Eelsalu, Maris** *Geo-marine letters* 2017 / p. 35-46 : ill <https://doi.org/10.1007/s00367-016-0471-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Modification of the optoelectronic properties of Cu<sub>2</sub>CdSnS<sub>4</sub> through low-temperature annealing**

Pilvet, Maris; Kauk-Kuusik, Marit; Grossberg, Maarja; Raadik, Taavi; Mikli, Valdek; Traksmäa, Rainer; Raudoja, Jaan; Timmo, Kristi; Krustok, Jüri *Journal of alloys and compounds* 2017 / p. 820-825 : ill <https://doi.org/10.1016/j.jallcom.2017.06.307> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Monumendid elavatele**

**Soomere, Tarmo** *Sirp* 2018 / lk. 35 : fot [https://www.ester.ee/record=b1072938\\*est](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://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; Veletic, Mladen; Laasmaa, Martin; Vendelin, Marko *Nano Communication Networks* 2019 / art. 100270, 11 p. : ill <https://doi.org/10.1016/j.nancom.2019.100270> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Multiscale investigation of sodium-ion battery anodes: analytical techniques and applications**

Schäfer, David; Hankins, Kie; Allion, Michelle; Krewer, Ulrike; Karcher, Franziska; Derr, Laurin; Schuster, Rolf; Maibach, Julia; Mück, Stefan; Kramer, Dominik; Samoson, Ago; Witter, Raiker *Advanced energy materials* 2024 / art. 2302830, 37 p <https://doi.org/10.1002/aenm.202302830> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Multiscale memristive properties of skin induced by memory effects of cyclic stress-relaxation loadings : data fusion from ground truth nonlinear acousto-mechanical testing**

Dos Santos, Serge; Masood, Ali; Lints, Martin; Salupere, Andrus; Kozena, Colette; Kus, Vaclav *ICSV 2018: 25th International Congress on Sound and Vibration (ICSV25)*, Hiroshima, Japan, 8-12 July, 2018 : proceedings. Vol. 1 2018 / p. 1965-1972 : ill <http://toc.proceedings.com/40638webtoc.pdf> [https://www.researchgate.net/publication/326668548\\_MULTISCALE\\_MEMRISTIVE\\_PROPERTIES\\_OF\\_SKIN\\_INDUCED\\_BY\\_MEMORY\\_EFFECTS\\_OF\\_CYCLIC\\_STRESS-RELAXATION\\_LOADINGS\\_DATA\\_FUSION\\_FROM\\_GROUND\\_TRUTH\\_NONLINEAR\\_ACOUSTO-MECHANICAL\\_TESTING](https://www.researchgate.net/publication/326668548_MULTISCALE_MEMRISTIVE_PROPERTIES_OF_SKIN_INDUCED_BY_MEMORY_EFFECTS_OF_CYCLIC_STRESS-RELAXATION_LOADINGS_DATA_FUSION_FROM_GROUND_TRUTH_NONLINEAR_ACOUSTO-MECHANICAL_TESTING)

### **A multivariate-multistep-ahead forecasting of dynamic topography using convolutional encoder-decoder network in the Baltic Sea**

Rajabi Kiasari, Saeed; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu *XXVIII General Assembly of the International Union of Geodesy and Geophysics (IUGG)* 2023 / 1 p <https://doi.org/10.57757/IUGG23-1664>



## Musikaalsed tähed

**Mars, Mario** Minu Maaailm 2017 / lk. 20-21 : ill [http://www.ester.ee/record=b3033179\\*est](http://www.ester.ee/record=b3033179*est)

## Mustast august vaikse lootusetuseni

**Soomere, Tarmo** Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 60-62 [https://www.ester.ee/record=b5521198\\*est](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://www.ester.ee/record=b1072938*est) <https://sirp.ee/s1-artiklid/c21-teadus/muutuvate-interpretatsioonide-malu/>

## Mõtleme kaugemale tänasest päevast

**Engelbrecht, Jüri** postimees.ee 2023 / Lk. 8 [Mõtleme 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](https://www.ester.ee/record=b1071914*est)

## Mõtteloo mõtestamisest

**Engelbrecht, Jüri** Sirp 2018 / lk. 32 <https://www.sirp.ee/s1-artiklid/c21-teadus/motteloo-motestamisest/>

## Möötes teadust kujundame kultuuri

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

## Mäng kolme džinniga tõukab Eesti kliimamuutuste epitsentrisse [Võrguväljaanne]

Oidermaa, Jaan-Juhan; **Soomere, Tarmo** novaator.err.ee 2020 / fot [Mäng kolme džinniga tõukab Eesti kliimamuutuste epitsentrisse](https://www.novaator.err.ee/2020/09/01/mang-kolme-dzinniga-toukab-est-i-kliimamuutuste-epitsentrisse)

## Mööda väärtusahelat mugavustsoonist välja

**Soomere, Tarmo** Elektriala 2020 / lk. 5 : portr [http://www.ester.ee/record=b1240496\\*est](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](https://www.ester.ee/record=b5521198*est) <http://keskus.ee/naerad-koos-norskad-üksinda/>

## Naerad koos, norskad üksinda

**Soomere, Tarmo** KesKus 2018 / lk. 6-7 <http://keskus.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](https://www.ester.ee/record=b1072243*est)

## Nanostructured fluoride-type fluorides as electrolytes for fluoride ion batteries

Rongeat, Carine; Reddy, M. Anji; **Witter, Raiker**; Fichtner, Maximilian Journal of Physical Chemistry C 2013 / p. 4943 - 4950 <https://doi.org/10.1021/jp3117825> [Journal metrics at Scopus](https://www.scopus.com/journalInfo.do?eid=2-s2.0-84963222800) [Article at Scopus](https://www.scopus.com/journalInfo.do?eid=2-s2.0-84963222800) [Journal metrics at WOS](https://www.scopus.com/journalInfo.do?eid=2-s2.0-84963222800) [Article at WOS](https://www.scopus.com/journalInfo.do?eid=2-s2.0-84963222800)

## Narkolast hulpis ilmselt lühikest maad

Punamäe, Sander; **Soomere, Tarmo** Postimees 2017 / lk. 11

## Negative group velocity in solids

**Tamm, Kert**; **Peets, Tanel**; **Engelbrecht, Jüri**; **Kartofelev, Dmitri** Wave motion 2017 / p. 127-138 : ill <https://doi.org/10.1016/j.wavemoti.2016.04.010> [Journal metrics at Scopus](https://www.scopus.com/journalInfo.do?eid=2-s2.0-84963222800) [Article at Scopus](https://www.scopus.com/journalInfo.do?eid=2-s2.0-84963222800) [Journal metrics at WOS](https://www.scopus.com/journalInfo.do?eid=2-s2.0-84963222800) [Article at WOS](https://www.scopus.com/journalInfo.do?eid=2-s2.0-84963222800)

## Neli veidrat nähtust, mida füüsikud seni seletada ei oska

**Kalda, Jaan** novaator.err.ee 2018 [Neli veidrat nähtust, mida füüsikud seni seletada ei oska](https://www.novaator.err.ee/2018/09/01/neli-veidrat-nahtust-mida-fuusikud-seni-seletada-ei-oska)

## Neoliberaalne (tagasi)pööre

Karulin, Ott; Lauristin, Marju; Kuurme, Tiiu; **Soomere, Tarmo** Haridus - meie ühine vastutus : Eesti Haridusfoorum 2018-2020 : ettekannete ja artiklite kogumik 2020 / lk. 128-132 [https://www.ester.ee/record=b5397258\\*est](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](https://www.ester.ee/record=b1072938*est)

## A new low-complexity patch-based image super-resolution

Rasti, Pejman; Nasrollahi, Kamal; **Orlova, Olga**; **Tamberg, Gert**; Ozcinar, Cagri; Moeslund, Thomas B.; Anbarjafari, Gholamreza IET computer vision 2017 / p. 567-576 : ill <https://doi.org/10.1049/iet-cvi.2016.0463> [Journal metrics at Scopus](https://www.scopus.com/journalInfo.do?eid=2-s2.0-84963222800) [Article at Scopus](https://www.scopus.com/journalInfo.do?eid=2-s2.0-84963222800) [Journal metrics at WOS](https://www.scopus.com/journalInfo.do?eid=2-s2.0-84963222800) [Article at WOS](https://www.scopus.com/journalInfo.do?eid=2-s2.0-84963222800)

**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 [https://www.ester.ee/record=b5190016\\*est](https://www.ester.ee/record=b5190016*est)

**Niobium doped TiO<sub>2</sub> 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 <sup>13</sup>C 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](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](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](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](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**; Trummal, 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 = Mittelinearse lainelevi numbriline analüüs**

**Ratas, Mart** 2020 [https://www.ester.ee/record=b5391019\\*est](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 <https://doi.org/10.1002/stc.1996>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Numerical simulation of energy localization in dynamic materials**

Berezovski, Mihhail; **Berezovski, Arkadi** Advances in mechanics of microstructured media and structures 2018 / p. 75-83  
[https://doi.org/10.1007/978-3-319-73694-5\\_5](https://doi.org/10.1007/978-3-319-73694-5_5) [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Numerical simulation of ultrasonic time reversal on defects in carbon fibre reinforced polymer**

**Lints, Martin**; **Salupere, Andrus**; Dos Santos, Serge Wave motion 2020 / art. 102526, 10 p. : ill  
<https://doi.org/10.1016/j.wavemoti.2020.102526> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Numerical simulations of wave climate in the Baltic Sea: a review**

**Soomere, Tarmo** Oceanologia 2023 / p. 117-140 <https://doi.org/10.1016/j.oceano.2022.01.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Numerical solution of PDE-s using haar wavelet based methods**

**Ratas, Mart** 24th International Conference on Mathematical Modelling and Analysis : May 28-31, 2019, Tallinn, Estonia : abstracts 2019 / p. 62

### **Numerical study of propagation ship-induced wave troughs in Venice Lagoon**

Parnell, Kevin Ellis; **Soomere, Tarmo**; Zaggia, Luca; **Rodin, Artem** 10th Baltic Sea Science Congress : Science and innovation for future of the Baltic and the European regional seas : 15-19 June, 2015, Riga, Latvia : abstract book 2015 / p. 207  
[http://www.bssc2015.lv/wp-content/uploads/2015/07/10th\\_BSSC\\_AbstractBook\\_final.pdf](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](https://www.ester.ee/record=b1072243*est)

### **Observation of band gap fluctuations and carrier localization in Cu<sub>2</sub>CdGeSe<sub>4</sub>**

**Krustok, Jüri**; **Raadik, Taavi**; **Kaupmees, Reelika**; **Grossberg, Maarja**; **Kauk-Kuusik, Marit**; **Timmo, Kristi**; **Mere, Arvo** Journal of physics D : applied physics 2019 / art. 285102 , 7 p. : ill <https://doi.org/10.1088/1361-6463/ab1afd> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Observation of E8 articles in an Ising chain antiferromagnet**

Zhang, Zao; **Amelin, Kirill**; Wang, Xiao; Zou, Haiyuan; Yang, Jiahao; Nagel, Urmas; Rõõm, Toomas; Dey, Tusharkanti; Nugroho, Agustinus Agung; Lorenz, Thomas; Wu, Jianda; Wang, Zhe Physical review B 2020 / art. 220411, 6 p. : ill  
<https://doi.org/10.1103/PhysRevB.101.220411>

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

**Delpeche-Ellmann, Nicole Camille**; **Giudici, Andrea**; **Rätsep, Margus**; **Soomere, Tarmo**; **Ellmann, Artu** Living Planet Symposium (LPS22) 2022 / 1 p <https://www.lps22.eu/>

### **Observations of surface drift and effects induced by wind and surface waves in the Baltic Sea for the period 2011–2018**

**Delpeche-Ellmann, Nicole Camille**; **Giudici, Andrea**; **Rätsep, Margus**; **Soomere, Tarmo** Estuarine, coastal and shelf science 2021 / art. 107071, 13 p. : ill., map <https://doi.org/10.1016/j.ecss.2020.107071> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Offshore wind power plant site selection in the Baltic Sea**

**Barzehkar, Mojtaba**; **Parnell, Kevin Ellis**; **Soomere, Tarmo**; Koivisto, Matti J. Regional studies in marine science 2024 / art. 103469 <https://doi.org/10.1016/j.rsm.2024.103469> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Olümpiaadiülesanded kui meelelahutus**

**Kalda, Jaan** 200 Eesti füüsikaolümpiaadi ülesannet aastatest 2012-2018 koos vihjete ja lahendustega 2018 / lk. 4-6  
[https://www.ester.ee/record=b5166456\\*est](https://www.ester.ee/record=b5166456*est) <https://digi.lib.ttu.ee/i/?11274>

### **On an electromagnetic problem in a corner and its applications**

**Blasten, Emilia**; Liu, Hongyu; Xiao, Jingni Analysis & PDE 2021 / p. 2207-2224 <https://doi.org/10.2140/apde.2021.14.2207> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **On computing of pulse propagation and reflection in 2d elastic waveguide**

**Berezovski, Arkadi** Engineering mechanics 2019 : International Conference, May 13 – 16, 2019, Svatka, Czech Republic : book of

full texts 2019 / p. 49–52 : ill [https://www.engmech.cz/improc/2019/007\\_Berezovski\\_068.pdf](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.eester.ee/record=b2355998\\*est](http://www.eester.ee/record=b2355998*est) [https://artiklid.elnet.ee/record=b2820926\\*est](https://artiklid.elnet.ee/record=b2820926*est) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**On flatness of discrete-time nonlinear systems**

**Kaldmäe, Arvo; Kotta, Ülle** 9th IFAC Symposium on Nonlinear Control Systems 2013 : Toulouse, France, 4 - 6 September 2013 2013 / p. 588 - 593 <https://doi.org/10.3182/20130904-3-FR-2041.00017> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

**On generalized Blackman-Harris sampling operators**

**Tamberg, Gert; Graf, Olga** Sampling Theory and Applications 2017 : 12th International Conference : Tallinn, Estonia, July 3-7 : program and abstracts 2017 / p. 49

**On generalized Blackman-Harris sampling operators [Electronic resource]**

**Tamberg, Gert; Orlova, Olga** 2017 International Conference on Sampling Theory and Applications (SampTA) : 12th International Conference : Tallinn, Estonia, July 3-7 : [abstracts] 2017 / p. 50. [USB]

**On generalized Blackman-Harris sampling operators [Online resource]**

**Graf, Olga; Tamberg, Gert** 2017 International Conference on Sampling Theory and Applications (SampTA) : 12th International Conference : Tallinn, Estonia, July 3-7 : [proceedings] 2017 / p. 418-421 <https://doi.org/10.1109/SAMPTA.2017.8024377>

**On generalized Shannon sampling operators in the cosine operator function framework**

**Kivinukk, Andi; Tamberg, Gert** Sampling, approximation, and signal analysis : harmonic analysis in the spirit of J. Rowland Higgins 2023 / p. 39-68 [https://doi.org/10.1007/978-3-031-41130-4\\_3](https://doi.org/10.1007/978-3-031-41130-4_3)

**On integrability of observable space for discrete-time analytic systems**

**Kawano, Yu; Kotta, Ülle** 2015 54th IEEE Conference on Decision and Control (CDC) : date: 15-18 Dec. 2015 2015 / p. 7137 - 7142 <https://doi.org/10.1109/CDC.2015.7403345> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

**On mathematical modeling of the propagation of a wave ensemble within an individual axon**

**Peets, Tanel; Tamm, Kert; Engelbrecht, Jüri** Frontiers in cellular neuroscience 2023 / art. 1222785

<https://doi.org/10.3389/fncel.2023.1222785> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**On mechanisms of electromechanophysiological interactions between the components of signals in axons**

**Engelbrecht, Jüri; Tamm, Kert; Peets, Tanel** Proceedings of the Estonian Academy of Sciences 2020 / p. 81–96 : ill

<https://doi.org/10.3176/proc.2020.2.03> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**On nonlinear waves in media with complex properties**

**Engelbrecht, Jüri; Salupere, Andrus; Berezovski, Arkadi; Peets, Tanel; Tamm, Kert** Generalized models and non-classical approaches in complex materials ; 1 2018 / p. 275-286 [https://doi.org/10.1007/978-3-319-72440-9\\_13](https://doi.org/10.1007/978-3-319-72440-9_13) [Journal metrics at Scopus](#) [Article at Scopus](#)

[Article at Scopus](#)

**On Pisot units and the fundamental domain of Galois extensions of  $\mathbb{Q}$**

**Porter, Christian; Leibak, Alar** Journal of algebra 2025 / p. 288-306 <https://doi.org/10.1016/j.jalgebra.2024.07.041>

**On pulse propagation in porous visco-elastic felt-like material**

**Kartofelev, Dmitri; Vuin, Maria Miranda** Symposium on the Acoustics of Poro-Elastic Materials 2023 / 46 p. : ill

[https://sapem2023.matelys.com/proceedings/Kartofelev\\_etal\\_SAPEM2023.pdf](https://sapem2023.matelys.com/proceedings/Kartofelev_etal_SAPEM2023.pdf)

**On solitonic solutions for the hyperelastic rod equation**

**Salupere, Andrus; Rätsep, Margus** Wave motion 2019 / 8 p <https://doi.org/10.1016/j.wavemoti.2019.102404> [Journal metrics at Scopus](#)

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

**On solutions of a Boussinesq-type equation with displacement-dependent nonlinearities : the case of biomembranes**

**Engelbrecht, Jüri; Tamm, Kert; Peets, Tanel** Philosophical magazine 2017 / p. 967-987 : ill

<https://doi.org/10.1080/14786435.2017.1283070> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**On solutions of a Boussinesq-type equation with displacement-dependent nonlinearity: A soliton doublet to the memory of Alexander Samsonov**

**Peets, Tanel; Tamm, Kert; Simson, Päivo; Engelbrecht, Jüri** Wave motion 2019 / p. 10-17



**On some norms and approximation properties of Kantorovich-type sampling operators**

Graf, Olga; Tamberg, Gert 2019 International Conference on Sampling Theory and Applications (SampTA) : 13th International Conference : Bordeaux, France, July 8-12, 2019 : [proceedings] 2019 / 4 p <https://sampta2019.sciencesconf.org/browse/author?authorid=715157>

**On statistical conservation laws in smooth chaotic velocity fields**

Ainsaar, Siim; Kalda, Jaan; Kree, Mihkel Bulletin of the American Physical Society 2017  
<http://meetings.aps.org/Meeting/DFD17/Session/L29.11>

**On statistical topography of self-affine sets = Eneseafiinsete hulkade statistilise topograafiast**

Mandre, Marek 2019 <https://digi.lib.ttu.ee/?11232>

**On the application of 2D discrete spectral analysis in case of the KP equation**

Salupere, Andrus; Ratas, Mart Mechanics research communications 2018 / p. 141-147 : ill  
<https://doi.org/10.1016/j.mechrescom.2017.08.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**On the complexity of signal propagation in nerve fibres**

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

**On the endomorphism semigroup of a multiple wreath product of groups**

Puusemp, Peeter Communications in algebra 2017 / p. 247-261 <https://doi.org/10.1080/00927872.2016.1206340> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**On the fracture mechanics of prince Rupert's Drops**

Aben, Hillar; Anton, Johan; Peterson, Pearu; Öis, 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](https://doi.org/10.1007/978-3-319-91989-8_36)

**On the limits to development in technology and knowledge**

Engelbrecht, Jüri Eruditio 2020 / p. 56-66 <http://www.worldacademy.org/eruditio/files/vol2issue6/Eruditio-V2-I6.pdf>

**On the modeling of microstructure influence**

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

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

Leibak, Alar Advances in mathematics of communications 2023 / p. 920-927 <https://doi.org/10.3934/amc.2021029> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**On the phenomenological modelling of physical phenomena**

Engelbrecht, Jüri; Tamm, Kert; Peets, Tanel Proceedings of the Estonian Academy of Sciences 2024 / p. 264-278 : ill  
<https://doi.org/10.3176/proc.2024.3.10> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

**On the properties of forward and backward shifts of vector fields**

Kaldmäe, Arvo; Kaparin, Vadim; Kotta, Ülle; Mullari, Tanel; Pawluszewicz, Ewa Proceedings of the Estonian Academy of Sciences 2022 / p. 314-325 <https://doi.org/10.3176/proc.2022.4.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**On the role of nonlinearities in the Boussinesq-type wave equations**

Peets, Tanel; Tamm, Kert; Engelbrecht, Jüri Wave motion 2017 / p. 113-119 : ill <https://doi.org/10.1016/j.wavemoti.2016.04.003>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**On the water level measurements in the Gulf of Riga during 1961-2016 [Online resource]**

Männikus, Rain; Soomere, Tarmo; Kudryavtseva, Nadezhda 2nd Baltic Earth Conference The Baltic Sea in Transition :



Helsingør, Denmark, 11 to 15 June 2018 : conference proceedings 2018 / p. 130-131 : ill [https://www.baltic-earth.eu/publications/IBESPublications/No\\_13\\_Helsingor\\_Proceedings/2ndBalticEarthConferenceProceedings\\_IBESP\\_No13\\_web.pdf](https://www.baltic-earth.eu/publications/IBESPublications/No_13_Helsingor_Proceedings/2ndBalticEarthConferenceProceedings_IBESP_No13_web.pdf)

#### **On the wave dispersion in microstructured solids**

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

#### **One-dimensional microelasticity**

**Berezovski, Arkadi;** Ván, Peter Internal variables in thermoelasticity 2017 / p. 99-111 [https://doi.org/10.1007/978-3-319-56934-5\\_7](https://doi.org/10.1007/978-3-319-56934-5_7) [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **One-dimensional thermoelasticity with dual internal variables**

**Berezovski, Arkadi;** Ván, Peter Internal variables in thermoelasticity 2017 / p. 147-162 [https://doi.org/10.1007/978-3-319-56934-5\\_11](https://doi.org/10.1007/978-3-319-56934-5_11) [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **On-off-on control of molecular inversion symmetry via multi-stage protonation : 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.; Szymanski, Bartosz; Vakuliuk, Olena; Gryko, Daniel T.; Rebane, Aleksander Angewandte Chemie international edition 2022 / p. e202212581 <https://doi.org/10.1002/anie.202212581>

#### **Ontogeny of cardiomyocytes : ultrastructure optimization to meet the demand for tight communication in excitation–contraction coupling and energy transfer**

**Birkedal Nielsen, Rikke;** Laasmaa, Martin; **Branovets, Jelena;** **Vendelin, Marko** Philosophical Transactions of the Royal Society B : Biological Sciences 2022 / art. 20210321 <https://doi.org/10.1098/rstb.2021.0321> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Ontology-based integration of software artefacts for DSL development**

**Haav, Hele-Mai;** **Ojamaa, Andres;** **Grigorenko, Pavel;** **Kotkas, Vahur** On the Move to Meaningful Internet Systems: OTM 2015 WorkshopsConfederated International Workshops: OTM Academy, OTM Industry Case Studies Program, EI2N, FBM, INBAST, ISDE, META4eS, and MSC 2015, Rhodes, Greece, October 26-30, 2015. Proceedings 2015 / p. 309 - 318 [https://doi.org/10.1007/978-3-319-26138-6\\_34](https://doi.org/10.1007/978-3-319-26138-6_34) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

#### **OpenFOAM simulation of fiber concrete flow**

**Herrmann, Heiko** 82nd International Scientific Conference of the University of Latvia : Use of High Performance Computing in Numerical Simulations : Book of Abstracts 2024 / p. 10 <https://doi.org/10.22364/luszk.82.hpc.ab>

#### **Optimistliku tehnokraadi õhtuõpik**

**Soomere, Tarmo** Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 180-182 [https://www.ester.ee/record=b5521198\\*est](https://www.ester.ee/record=b5521198*est) <https://kultuur.postimees.ee/4433457/optimistliku-tehnokraadi-ohuopik>

#### **Optimistliku tehnokraadi õhtuõpik**

**Soomere, Tarmo** Postimees 2018 / AK, lk. 11 <https://kultuur.postimees.ee/4433457/optimistliku-tehnokraadi-ohuopik> [Postimees](#)

#### **Origin of photoluminescence from antimony selenide**

**Grossberg, Maarja;** **Volobujeva, Olga;** **Penežko, Aleksei;** **Kaupmees, Reelika;** **Raadik, Taavi;** **Krustok, Jüri** Journal of alloys and compounds 2020 / art. 152716, 5 p. : ill <https://doi.org/10.1016/j.jallcom.2019.152716> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Paide gümnaasistide teadussaade sai avalikuks**

**Kalda, Jaan** jarvateataja.postimees.ee 2024 [Paide gümnaasistide teadussaade sai avalikuks](#)

#### **“Panin kitarri kõrvale ja õppisin terve talvevaheaja!” Noor muusik Laurits Tani meenutab teekonda tippteadusesse**

**Tani, Laurits** digi.geenius.ee 2024 [“Panin kitarri kõrvale ja õppisin terve talvevaheaja!” Noor muusik Laurits Tani meenutab teekonda tippteadusesse](#)

#### **Parahydrogen hyperpolarization of minimally altered urine samples for sensitivity enhanced NMR metabolomics**

Ausmees, Kerti; **Reimets, Nele;** Reile, Indrek Chemical communications 2022 / p. 463-466 <https://doi.org/10.1039/d1cc05665d>

#### **Parim kaitse maailma vastu on selle põhjalik tundmine**

**Soomere, Tarmo** Sirp 2018 / lk. 34-35 : ill [https://www.ester.ee/record=b1072938\\*est](https://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://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](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-eesi-teaduste-akadeemia-president-2/> [https://www.ester.ee/record=b1072938\\*est](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](https://www.ester.ee/record=b5572669*est)

## **Performance of sentinel-3 and CryoSat-2 altimetry in the coastal regions of the Baltic Sea ; S6-P2**

**Birgiel, Elzbieta; Ellmann, Artu; Delpeche-Ellmann, Nicole Camille** International Symposium Gravity, Geoid and Height Systems 2 : GGHS2018 : "Gravity Field Of The Earth" : The 2nd joint meeting of the International Gravity Field Service and Commission 2 of the International Association of Geodesy, Copenhagen, Denmark, Sept. 17-21, 2018 : abstract book 2018 / p. 143-144

## **Performance of sentinel-3A SAR altimetry retracers: The SAMOSA coastal sea surface heights for the Baltic Sea**

**Birgiel, Elzbieta; Ellmann, Artu; Delpeche-Ellmann, Nicole Camille** Fiducial Reference Measurements for Altimetry : Proceedings of the International Review Workshop on Satellite Altimetry Cal/Val Activities and Applications 2020 / p. 23-32 [https://doi.org/10.1007/1345\\_2019\\_59](https://doi.org/10.1007/1345_2019_59)

## **Perifeeriast on saanud väärtuste heitluse eesliin**

**Soomere, Tarmo** Postimees 2024 <https://dea.digar.ee/article/postimees/2024/02/03/10.3>

## **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](https://www.ester.ee/record=b1558644*est)

## **Petri võrkude ja Q-mudeli võrdlus : magistritöö**

**Tekko, Jaanus** 1994 [https://www.ester.ee/record=b4610164\\*est](https://www.ester.ee/record=b4610164*est)

## **Photoluminescence and AFM study of WS2 monolayers**

**Kaupmees, Reelika; Madauß, Lukas; Pollmann, Erik; Grossberg, Maarja; Krustok, Jüri** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 41 <http://fmtdk.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://fmtdk.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](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](http://www.ester.ee/record=b3033179*est)

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

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

**Poolsumnud kassist rehepäpliku deemonini**

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

**Poolsumnud kassist rehepäpliku deemonini**

**Soomere, Tarmo** Postimees 2019 / AK, lk. 7 [Tarmo Soomere: poolsumnud kassist rehepäpliku deemonini ehk kas saame elada poolsuletud süsteemis?](http://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**

**Delpeche-Ellmann, Nicole Camille; Soomere, Tarmo** Journal of coastal research Proceedings of the 15th International Coastal Symposium, Haeundae, Busan, 13-18 May 2018 2018 / p. 481–485 <https://doi.org/10.2112/SI85-097.1>  
<https://www.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; **Krunks, Malle; Oja Acik, Ilona** Frontiers in Energy Research 2023 / art. 1162576, 12 p <https://doi.org/10.3389/fenrg.2023.1162576> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Postdeposition processing of SnS thin films and solar cells : prospective strategy to obtain large, sintered, and doped SnS grains by recrystallization in the presence of a metal halide flux**

**Spalatu, Nicolae; Hiie, Jaan; Kaupmees, Reelika; Volobujeva, Olga; Krustok, Jüri; Oja Acik, Ilona; Krunks, Malle** ACS applied materials & interfaces 2019 / p. 17539–17554 : ill <https://doi.org/10.1021/acsami.9b03213> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Post-deposition thermal treatment of sprayed SnS films**

**Polivtseva, Svetlana; Katerski, Atanas; Kärber, Erki; Oja Acik, Ilona; Mere, Arvo; Mikli, Valdek; Krunks, Malle** Thin solid films 2017 / p. 179-184 : ill <https://doi.org/10.1016/j.tsf.2017.01.014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Post-deposition thermal treatment of sprayed SnS films [Online resource]**

**Polivtseva, Svetlana; Katerski, Atanas; Kärber, Erki; Oja Acik, Ilona; Mere, Arvo; Mikli, Valdek; Krunks, Malle** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p <http://fntdk.ut.ee/teesid/>

**Postimehe analüüs: see ei lõppe veel niipea**

Maran, Kaur Postimees 2020 / Lk. 14-15 : ill [https://www.ester.ee/record=b1072778\\*est](https://www.ester.ee/record=b1072778*est) [Postimehe analüüs: see ei lõppe veel niipea](#)

**Postimehe ja Eesti Teaduste Akadeemia nõukoda**

Aavik, Marti Postimees 2021 / lk. 7 <https://dea.digar.ee/article/ak/2021/01/09/2.15>

**The potential of SWOT altimetry data for validating the accuracy of marine geoidmodels in the Baltic Sea**

**Kupavõh, Aleksei; Ellmann, Artu; Delpeche-Ellmann, Nicole Camille; Varbla, Sander** GGHS2024 : Gravity, Geoid and Height Systems : Book of Abstracts 2024 / p. 18-19 <https://www.gghs2024.com/appsfiles/go/boa/Book-of-Abstracts.pdf?v=1725460868>

**Praha 1968 ja tänapäev**

**Engelbrecht, Jüri** Tuna 2018 / lk. 2-7 <http://www.ra.ee/tuna/praha-1968-ja-tanapaev/> [https://www.ester.ee/record=b1189474\\*est](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](https://www.ester.ee/record=b5303400*est)

**Preface**

**Herrmann, Heiko;** Schnell, Jürgen Short fibre reinforced cementitious composites and ceramics 2019 / p. v-vi <https://doi.org/10.1007/978-3-030-00868-0> [Article collection metrics at Scopus](#) [Article at Scopus](#)

**Preface**

**Engelbrecht, Jüri** A Journey into the Nonlinear World 2024 / p. IX-X [https://www.ester.ee/record=b5733742\\*est](https://www.ester.ee/record=b5733742*est) <https://doi.org/10.1007/978-3-031-63922-7>

**Preface**

Matthes, Ralph; **Uustalu, Tarmo** RAIRO - Theoretical Informatics and Applications 2013 / p. 1-2 <https://doi.org/10.1051/ita/2012026>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Preface "Sea hazards"**

Pelinovsky, Efim N.; **Didenkulova, Ira**; Méndez, Fernando J.; Rybski, Diego; Tinti, Stefano Natural Hazards and Earth System Science 2013 / p. 1063 - 1067 <https://doi.org/10.5194/nhess-13-1063-2013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Preparation of SFRC testing specimen simulated by CFD**

**Goidyk, Oksana; Heinštein, Mark; Herrmann, Heiko** Proceedings of Cement Based Composites Congress 2022 / p. 56-63

### **Presidendi 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](https://www.ester.ee/record=b1218094*est)

### **Presidendikandidaat Tarmo Soomere programmiline 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](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](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](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](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](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](http://www.ester.ee/record=b1072243*est)  
[https://artiklid.elnet.ee/record=b2819551\\*est](https://artiklid.elnet.ee/record=b2819551*est)

### **Probing supermassive black hole seed scenarios with gravitational-wave measurements**

Ellis, John; Fairbairn, Malcolm; **Urrutia, Juan**; Vaskonen, Ville The astrophysical journal 2024 / 7 p <https://doi.org/10.3847/1538-4357/ad27d5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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](https://kirj.ee/wp-content/plugins/kirj/pub/proc-1-2021-1-2_20210218113638.pdf)

**Prolonged  $\beta$ -adrenergic stimulation disperses ryanodine receptor clusters in cardiomyocytes and has implications for heart failure**

Shen, Xin; Brink, J.W.van den; Bergan-Dahl, Anna; Kolstad, Terje R.; Norden, Einar S.; Hou, Yufeng; **Laasmaa, Martin**; Aguilar-Sanchez, Yuriana; Quick, Ann P.; Espe, Emil K. S. eLife 2022 / art. e77725 <https://doi.org/10.7554/eLife.77725>

### **Propagation of bankruptcy risk over scale-free economic networks**

Andria, Joseph; di Tollo, Giacomo; **Kalda, Jaan** Entropy 2022 / art. 1713 <https://doi.org/10.3390/e24121713> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Propagation regimes and populations of internal waves in the Mediterranean Sea basin**

Kurkina, Oxana; Rouvinskaya, Ekaterina; Talipova, Tatyana; **Soomere, Tarmo** Estuarine, coastal and shelf science 2017 / p. 44-54 : ill <https://doi.org/10.1016/j.ecss.2016.12.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Properties of in-situ Lagrangian surface drifters and the relationship with Stokes drift in the Baltic Sea**

**Delpeche-Ellmann, Nicole Camille**; **Giudici, Andrea** Journal of coastal research 2024 / p. 417-421 <https://doi.org/10.2112/JCR-SI113-082.1>

### **Properties of retted hemp fibres for reinforcement of composites**

Marrot, Laetitia; **Alao, Percy Festus**; **Kallakas, Heikko**; **Poltimäe, Triinu**; **Kers, Jaan**; **Mikli, Valdek**; **Mere, Arvo** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 13 : ill <http://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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Puhtast matemaatikast vinge tooteni on vaid kuus kukesammu**

**Soomere, Tarmo** Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 294-297 [https://www.ester.ee/record=b5521198\\*est](https://www.ester.ee/record=b5521198*est) [tarmo-soomere-puhtast-matemaatikast-vinge-tooteni-on-vaid-kuus-kukesammu](https://www.ester.ee/record=b1218094*est) [https://www.ester.ee/record=b1218094\\*est](https://www.ester.ee/record=b1218094*est)

### **Puidu väärimise piiratud valikud**

**Soomere, Tarmo** Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 106-113 [https://www.ester.ee/record=b5521198\\*est](https://www.ester.ee/record=b5521198*est)

### **Puidu väärimise valikud**

**Soomere, Tarmo** Postimees 2018 / lk. 18 [Teaduste Akadeemia soovitus: moodne puidutöötlemise tehas on vajalik, kui me ei taha oma rikkust teistele kinkida](#)

### **Puidust tehtud elektri peidetud väärtus**

**Soomere, Tarmo** Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 212-214 <https://dea.digar.ee/article/postimees/2022/02/05/12.4> [https://www.ester.ee/record=b5521198\\*est](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](http://www.ester.ee/record=b1614819*est)

### **Põhikooli lõpetajale matemaatika lõpueksamist 2018**

Uudelepp, Helgi; **Lõhmus, Ahto** 2018 [http://www.ester.ee/record=b1614819\\*est](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](https://www.ester.ee/record=b2747925*est)

### **Põlvamaa õpetajad teenisid välja kaks medalit**

postimees.ee 2024 [Põlvamaa õpetajad teenisid välja kaks medalit](#)

### **Pöördülesanne tuletise järgu ja allikafunktsiooni määramiseks murrulise tuletisega difusioonivõrrandis lõpphetkel tehtud mõõtmiste põhjal**

**Janno, Jaan**; **Kinash, Nataliia** Aastaraamat 2017 / Eesti Matemaatika Selts 2018 / lk. 54-68 [https://www.ester.ee/record=b1226018\\*est](https://www.ester.ee/record=b1226018*est)

### **Püha aeg füüsikas**

**Kalda, Jaan** Täheanduse Teejuhid 2021 / Lk. 8 [https://www.ester.ee/record=b5382179\\*est](https://www.ester.ee/record=b5382179*est)

### **Pyrite as prospective absorber material for monograin layer solar cell**

**Kristmann, Katrin**; **Altosaar, Mare**; **Raudoja, Jaan**; **Krustok, Jüri**; **Pilvet, Maris**; **Mikli, Valdek**; **Grossberg, Maarja**; **Danilson, Mati**; **Raadi, Taavi** Thin Solid Films 2022 / art. 139068 : ill <https://doi.org/10.1016/j.tsf.2021.139068> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)



**Pyrite as prospective monograin layer solar cell absorber material for in-situ solar cell fabrication on the Moon**  
**Kristmann, Katriin; Raadik, Taavi; Altosaar, Mare; Grossberg, Maarja; Krustok, Jüri; Pilvet, Maris; Mikli, Valdek; Kauk-Kuusik, Marit** IAC 2021 congress proceedings 2021 / p. 1-6 : ill [https://deepzone3.ttu.ee/~juri.krustok/PDF-s/IAC-21\\_C3.4.7\\_x64087.pdf](https://deepzone3.ttu.ee/~juri.krustok/PDF-s/IAC-21_C3.4.7_x64087.pdf)  
[Conference Proceedings at Scopus](#) [Article at Scopus](#)

**Quantification of hydrodynamic model sea level bias utilizing deep learning and synergistic integration of data sources**  
**Jahanmard, Vahidreza; Hordoir, Robinson; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu** Ocean modelling 2023 / art. 102286 : ill., map <https://doi.org/10.1016/j.ocemod.2023.102286> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Quantification of longshore sediment transport and compartments in urban areas : a case study of shores of Tallinn, the Baltic Sea**  
**Eelsalu, Maris; Viigand, Katri** Regional studies in marine science 2023 / art. 103199 <https://doi.org/10.1016/j.rsma.2023.103199>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Quantification of the changes in sediment volume in a small beach applying laser scanning technology**  
**Eelsalu, Maris; Soomere, Tarmo; Julge, Kalev; Grünthal, Erkki** 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](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](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](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://www.ester.ee/record=b5368081*est) <https://digikogu.taltech.ee/et/Item/f73e001a-2f7c-4832-a4b0-ea10a4894ab6>

**Quantum dynamics of noble gas atoms and methane in the molecular cavity of fullerene : terahertz spectroscopy study = Vääriskaasi aatomite ja metaani kvantdünaamika fullereeni molekulaarses õõnsuses : terahertsspektroskoopia uurimus**  
**Jafari, Tanzeeha** 2025 <https://digikogu.taltech.ee/et/Item/33879cfc-2e32-4b05-bdbc-86e033784086> <https://doi.org/10.23658/taltech.6/2025>  
[https://www.ester.ee/record=b5728363\\*est](https://www.ester.ee/record=b5728363*est)

**Quartic polynomial approximation for fluctuations of separation of trajectories in chaos and correlation dimension**  
**Fouxon, Itzhak; Ainsaar, Siim; Kalda, Jaan** Journal of Statistical Mechanics : Theory and Experiment 2019 / art. 083211, 26 p  
<https://doi.org/10.1088/1742-5468/ab3458> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Quotienting the delay monad by weak bisimilarity**  
**Chapman, James; Uustalu, Tarmo; Veltri, Niccolò** Theoretical Aspects of Computing - ICTAC 2015 : 12th International Colloquium, Cali, Colombia, October 29-31, 2015, Proceedings 2015 / p. 110 - 125 [https://doi.org/10.1007/978-3-319-25150-9\\_8](https://doi.org/10.1007/978-3-319-25150-9_8)  
[Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

**Raalprojekteerimise meistriklasi maestro akadeemik Rein Küttner 25. XI 1940 – 15. XI 2024**  
**Soomere, Tarmo** Sirp 2024 / lk. 38 <https://www.sirp.ee/s1-artiklid/c21-teadus/raalprojekteerimise-meistriklasi-maestro/>

**Radiative recombination pathways in ordered and disordered CZTSe microcrystals**  
**Mengü, Idil; Krustok, Jüri; Kaupmees, Reelika; Mikli, Valdek; Kauk-Kuusik, Marit; Grossberg-Kuusik, Maarja** Materials chemistry and physics 2023 / art. 127685 <https://doi.org/10.1016/j.matchemphys.2023.127685> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Rahu tuleb nüüd kahjuks alles pärast sõda**  
**Soomere, Tarmo** Eesti Teaduste Akadeemia sõnas ja pildis 2022 2023 / lk. 4-7 : ill [https://www.ester.ee/record=b5054043\\*est](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](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=b5521198*est)  
[https://www.ester.ee/record=b2459950\\*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://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](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=b5521198*est)  
[https://www.ester.ee/record=b5054043\\*est](https://www.ester.ee/record=b5054043*est) <https://dea.digar.ee/article/postimees/2021/12/11/12.4>

### **Rapidly transforming Holocene strandplain, affected by port jetty and hydroclimatic shifts – natural laboratory of past and future shoreline behavior**

Tõnisson, Hannes; Luik, Katre; Suursaar, Ülo; Buynevich, Ilya; Kont, Are; **Männikus, Rain**; Ravis, Reimo; Suuroja, Sten; Vilumaa, Kadri Journal of coastal research 2024 / p. 715–719 <https://doi.org/10.2112/JCR-S1113-141.1>

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

**Branovets, Jelena; Soodla, Kärol; Vendelin, Marko; Birkedal Nielsen, Rikke** PLoS ONE 2023 / art. e0294718  
<https://doi.org/10.1371/journal.pone.0294718> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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](https://www.ester.ee/record=b1072778*est)

### **Realistic coastal dynamic topography by a synergy of satellite altimetry data and marine geoid**

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

### **Realistic dynamic topography through coupling geoid and hydrodynamic models of the Baltic Sea**

**Jahanmard, Vahidreza; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu** Continental shelf research 2021 / art. 104421  
<https://doi.org/10.1016/j.csr.2021.104421> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Reanalysis of ocean model-based dynamic topography utilizing deep neural network and geoid-referenced observations**

**Jahanmard, Vahidreza; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu** 2023 Machine Learning And Data Analysis In Oceanography, University of Liège, Belgium 2023 / 1 p [Reanalysis of ocean model-based dynamic topography utilizing deep neural network and geoid-referenced observations](#)

### **Reconstruction of an order of derivative and a source term in a fractional diffusion equation from final measurements**

**Janno, Jaan; Kinash, Nataliia** Inverse problems 2018 / art. 025007, 19 p. : ill <https://doi.org/10.1088/1361-6420/aaa0f0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Reconstruction of an orthotropic thermal conductivity from non-local heat flux measurements**

Huntul, M.J.; Hussein, M.S.; Lesnic, D.; Ivancho, M.I.; **Kinash, Nataliia** International journal of Mathematical modelling and numerical optimisation 2020 / p. 102-122 <https://doi.org/10.1504/IJMMNO.2020.104327> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Reconstruction of dynamic topography using cyclostationary empirical orthogonal functions in the Baltic Sea**

**Mostafavi, Majid; Rajabi-Kiasari, Saeed; Jahanmard, Vahidreza; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu** Nordic Geodetic Commission General Assembly 2022 in Copenhagen : Poster Session 2022 / 25 l.  
<https://medialib.cmcdn.dk/medialibrary/010C1367-E991-4A33-AB10-1953247E9C23/530AEABD-3A25-ED11-84B6-00155D0B0940.pdf>

### **Reconstruction of space- and time-dependent sources in fractional wave and diffusion equations by means of overdetermination in a time subinterval**

**Kinash, Nataliia; Janno, Jaan** 24th International Conference on Mathematical Modelling and Analysis : May 28-31, 2019, Tallinn, Estonia : abstracts 2019 / p. 37

### **Reduced recombination through the CZTS/CdS interface engineering in monograin layer solar cells**

**Kauk-Kuusik, Marit; Timmo, Kristi; Muska, Katri; Pilvet, Maris; Krustok, Jüri; Danilson, Mati; Mikli, Valdek; Josepson, Raavo; Grossberg, Maarja** JPhys Energy 2022 / art. 024007 <https://doi.org/10.1088/2515-7655/ac618d> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Reducibility condition for nonlinear discrete-time systems : behavioral approach**

Bartosiewicz, Zbigniew; **Kotta, Ülle**; Pawluszewicz, Ewa; **Tönso, Maris**; Wyrwas, Małgorzata Control and Cybernetics 2013 / p. 329-346 <https://citeseerx.ist.psu.edu/document?repid=rep1&type=pdf&doi=d858f3fd9c2acd98e41f35a0bed4c0cb9efab59c> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Reducible dictionaries for single image super-resolution based on patch matching and mean shifting**

Rasti, Pejman; Nasrollahi, Kamal; **Orlova, Olga; Tamberg, Gert**; Moeslund, Thomas B.; Anbarjafari, Gholamreza Journal of electronic imaging 2017 / p. 023024-1 - 023024-8 : ill <https://doi.org/10.1117/1.JEI.26.2.023024> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Reflections on mathematical models of deformation waves in elastic microstructured solids**

**Engelbrecht, Jüri; Berezovski, Arkadi** Mathematics and Mechanics of Complex Systems 2015 / p. 43 - 82 <https://doi.org/10.2140/memocs.2015.3.43> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Refraction may redirect waves from multiple directions into a harbour : a case study in the Gulf of Riga, eastern Baltic Sea**

**Männikus, Rain; Soomere, Tarmo; Najafzadeh, Fatemeh** Estonian journal of earth sciences 2022 / p. 80-88 : ill <https://doi.org/10.3176/earth.2022.06> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Regime shifts as an archetypal phenomenon of climate and climate change**

**Soomere, Tarmo** New challenges for Baltic Sea Earth System research : conference proceedings 2024 / p. 4-5 [https://baltic.earth/imperia/md/assets/baltic\\_earth/baltic\\_earth/baltic\\_earth/5bec\\_proceedings.pdf](https://baltic.earth/imperia/md/assets/baltic_earth/baltic_earth/baltic_earth/5bec_proceedings.pdf)

**Regional and local variability in coastal processes in Torres Strait, Australia, and its importance for climate change planning**

**Parnell, Kevin Ellis**; Smithers, Scott G. Journal of coastal research 2020 / p. 616-620 <https://doi.org/10.2112/SI95-120.1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Rektorikandidaat Tarmo Soomere: vähene teadus erasektoris on Eesti tragöödia**

**Soomere, Tarmo** aripaev.ee 2025 <https://www.aripaev.ee/raadio/episood/tehinakaulikooli-rektorikandidaadid>

**Rektoriks kandideeriva Tarmo Soomere suur plaan: tehnikaülikool võiks saada majanduskasvu veduriks**

**Soomere, Tarmo** delfi.ee 2025 <https://www.delfi.ee/artikkel/120366290/intervjuu-rektoriks-kandideeriva-tarmo-soomere-suur-plaan-tehnikaülikool-voiks-saada-majanduskasvu-veduriks>

**Remote sensing and modelling of wind waves in semi-enclosed seas = Tuulelainete kaugseire ja modelleerimine poolsuletud merealadel**

**Najafzadeh, Fatemeh** 2022 <https://doi.org/10.23658/taltech.64/2022> <https://digikogu.taltech.ee/et/Item/f00ab062-2512-47e0-91c1-c871163f58d2> [https://www.ester.ee/record=b5525225\\*est](https://www.ester.ee/record=b5525225*est)

**Respiration of permeabilized cardiomyocytes from mice: no sex differences, but substrate-dependent changes in the apparent ADP-affinity**

**Karro, Niina; Laasmaa, Martin; Vendelin, Marko; Birkedal Nielsen, Rikke** Scientific reports 2019 / art. 12592 <https://doi.org/10.1038/s41598-019-48964-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Responses of coastal processes to multiple drivers in the Baltic Sea region [Online resource]**

**Soomere, Tarmo** Baltic Earth Workshop on multiple drivers for Earth system changes in the Baltic Sea region : Tallinn University of Technology, Tallinn, Estonia 26-27 November 2018 : [programme, abstracts, participants] 2018 / p. 26 [https://www.baltic-earth.eu/publications/IBESPublications/No\\_14\\_Workshop\\_Multiple\\_Drivers\\_Tallinn\\_Nov2018/No.14\\_Tallinn2018.pdf](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://doi.org/10.1007/978-3-319-49894-2_15) [http://www.ester.ee/record=b4690805\\*est](http://www.ester.ee/record=b4690805*est)

**Retrospektiivi kiituseks : [kõne raamatu "Eesti teaduse 100 aastat" esitlusel Eesti Teaduste Akadeemias 15.05.2018]**

**Soomere, Tarmo** Akadeemilisi arutlusi : ilmast ja inimestest 2022 / lk. 274-276 [https://www.ester.ee/record=b5521198\\*est](https://www.ester.ee/record=b5521198*est)

**Return periods of extreme water levels along Lithuanian sea coast based on a simple ensemble of projections**

**Mingélaite, Toma; Eelsalu, Maris; Pindsoo, Katri; Soomere, Tarmo;** Dailidiene, 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](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](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-õiguse-ja-teaduse-uhine-hool/>  
[https://www.ester.ee/record=b1072938\\*est](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://www.ester.ee/record=b5521198*est)  
<https://sirp.ee/s1-artiklid/c21-teadus/riik-kui-õiguse-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 ESRIN, 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://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](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](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](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](https://www.ester.ee/record=b5373000*est)

**Saateks**

**Engelbrecht, Jüri** Teadus ja ühiskond 2018 / lk. 5-8 [https://www.ester.ee/record=b5161884\\*est](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](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](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](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](https://www.ester.ee/record=b5521198*est)

## Saateks

**Soomere, Tarmo** Eesti-hiina põhisõnavaara sõnastik = 爱沙尼亚汉语辞基础词典 爱沙尼亚汉语辞基础词典 2019 / lk. 5-6 [https://www.ester.ee/record=b5243517\\*est](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](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](https://www.ester.ee/record=b1218094*est)

## Saateks

**Soomere, Tarmo** Eesti Teaduste Akadeemia sõnas ja pildis 2023 2024 / lk. 3 [https://www.ester.ee/record=b5054043~S1\\*est](https://www.ester.ee/record=b5054043~S1*est)

## Saateks

**Soomere, Tarmo** Eesti Teaduste Akadeemia aastaraamat : faktid ja arvud = Annales Academiae Scientiarum Estonicae : 2023 2024 / lk. 5 [https://www.ester.ee/record=b1218094\\*est](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](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=b5054043*est) [https://www.ester.ee/record=b5521198\\*est](https://www.ester.ee/record=b5521198*est)

## Sammud teadlasteel

**Engelbrecht, Jüri** Vaateid mehaanikale Eestis : 1918-2018 2019 / lk. 150-159 [https://www.ester.ee/record=b5190016\\*est](https://www.ester.ee/record=b5190016*est)

## Sampling Theory and Applications 2017 : 12th International Conference : Tallinn, Estonia, July 3-7 : program and abstracts

2017

## Sampling theory in signal and image processing [Electronic resource]

2018 <http://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 derived dynamic topography using high-resolution geoid model with synergized sealevel data sources

**Kupavõh, Aleksei; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu** 30 years of progress in radar altimetry symposium, Montpellier, France, 2-7. Sept. 2024 : Abstract book 2024 / p. 184-185, art. 362 <https://az659834.vo.msecnd.net/eventsairwesteuprod/production-nikal-public/338507f0dac84686b1d40a263ba347c6>



**Satellite altimetry performance verified to enhanced hydrodynamic model of the Baltic Sea**

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

**Satellite altimetry reveals spatial patterns of variations in the Baltic Sea wave climate**

**Kudryavtseva, Nadezhda; Soomere, Tarmo** Earth System Dynamics 2017 / p. 697-706 : ill <https://doi.org/10.5194/esd-2016-68>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Satellite altimetry shows changes in extreme wave heights over the Baltic Sea**

**Kudryavtseva, Nadezhda; Soomere, Tarmo** The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 89 [https://www.io-warnemuende.de/tl\\_files/conference/bssc2017/bssc2017-abstract-book.pdf](https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf)

**Saunafüüsika saladused: mis on kastepunkt ning millisel juhul hakkab saunalaval nahk kipitama?**

**Kalda, Jaan** mu.ee 2024 [Saunafüüsika saladused: mis on kastepunkt ning millisel juhul hakkab saunalaval nahk kipitama?](#)