

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>

An academic unit and a journal : TalTech Law School and its publishing activity

Kerikmäe, Tanel The First Eurasian Forum of editors of scientific journals: "East - West: Authority And Potential", Baku at Khazar University, Kazakhstan, 16-17 March 2023 2023 / p. [?] [An academic unit and a journal : TalTech Law School and its publishing activity](#)

Accurate dynamic topography by satellite altimetry and marine geoidmodel

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>

The activity of nanomaterials in photocatalysis

Krichevskaya, Marina Proceedings 2023 / art. 23 <https://doi.org/10.3390/proceedings2023092023>

Adapting mechanochemical C–N bond forming reactions for greener synthesis of pharmaceuticals

Nikonovich, Tatsiana; Nallaparaju, Jagadeesh Varma; Mishra, Kamini Atindrakumar; Jarg, Tatsiana; Kudrjašova, Marina; Kananovich, Dzmitry; Aav, Riina GSFMT Scientific Conference 2023 : Tartu, 23-24 May, 2023 : abstracts 2023 / art. O21 : ill <https://fmtdk.ut.ee/programm-2023/> <https://fmtdk.ut.ee/wp-content/uploads/2023/05/Nikonovich.pdf>

Additive manufacturing of Nd-based permanent magnets from recycled materials : innovations, challenges, and prospects

Sarwar, Waqas Ahmed; Tiismus, Hans Future Frontiers : PhD Conference on Emerging Technologies : Book of Abstracts 2025 / p. 25 ; poster 16 https://tuit.ut.ee/sites/default/files/2025-05/PhD%20Conference%202025%20Book%20of%20Abstracts_pub3.pdf

Advancing green hydrogen production : synthesizing and analyzing nickel and iron micro-flower shaped electrocatalysts on Ni-mesh for alkaline water electrolysis

Jäger, Rutha; Valk, Peeter; Grozovski, Vitali; Volobujeva, Olga; Prits, Alise-Valentine; Maide, Martin; Küngas, Rainer; Lust, Enn; Nerut, Jaak 246th ECS Meeting PRiME 2024; Honolulu, Hawaii, USA; October 6-11, 2024 <https://doi.org/10.1149/MA2024-02422814mtgabs>

The AGEMERA project : building European capacities with innovative exploration technologies

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

AI-based worker management : role of participative leadership and empowerment

Reinhold, Karin; Järvis, Marina You Have Been Replaced by AI : Abstracts of the 11th Annual Entrepreneurship and Innovation Conference (EUAS and Ülemiste City), Tallinn, October 5, 2023 2023 / p. 39 <https://conference.euas.eu/2023/wp-content/uploads/2024/02/ConferenceProceedings2023.pdf>

Aldehyde-free resins based on resorcinol and natural alkylresorcinols modified with styrene

Jurkeviciute, Ana; Grigorieva, Larisa; Tõnsuaadu, Kaia; Yashicheva, Tamara Polymers / Composites / 3Bs Materials 2023 International Joint Conferences 22-24 February 2023 Bangkok, Thailand : Book of Abstracts 2023 / p. 43 : ill <https://setcor.org/userfiles/files/2023/Bangkok/Polymers-Composites-3BsMaterials-2023-Book-of-Abstracts.pdf>

Alkylation of phenols and resorcinols

Lopušanskaja, Eleana; Paju, Anne; Lopp, Margus Balticum Organicum Syntheticum (BOS 2022) : program and abstract book 2022 / p. 114 <https://ortus.rtu.lv/science/lv/publications/35091/attachments/7168>

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

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

Analytical quality by design concept in environmental analysis

Jurjeva, Jelena; Koel, Mihkel Future Frontiers : PhD Conference on Emerging Technologies : Book of Abstracts 2025 / p. 22 ; oral 12 https://tuit.ut.ee/sites/default/files/2025-05/PhD%20Conference%202025%20Book%20of%20Abstracts_pub3.pdf

Anion binding of biotinuril derivatives enhanced by silver cation

Siilak, Kristjan; Dalidovich, Tatsiana; Shalima, Tatsiana; Kudrjašova, Marina; Ustrnul, Lukas; Aav, Riina GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / p 35 https://fmtdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

Antagonistic activity of lactic acid bacteria against yeast isolated from flour

Maliarenko, Yana; Garmasheva, Inna; **Lipova, Inna**; Oleschenko, Liubov Conference materials "Youth and modern problems of microbiology and virology" : IV young scientists conference, Kyiv, Ukraine, 15-17 November 2022 : Abstracts book 2022 / p. 18 https://imv.org.ua/wp-content/uploads/2022/12/Conference-materials_2022.pdf

Antibacterial activity of chitosan-silver nanocomposites

Kasemets, Kaja; **Laanoja, Jüri**; Kahru, Anne Debrecen Colloquium on Carbohydrates 2020 in 2022, August 24-27, 2022 Debrecen, Hungary : program and abstracts 2022 / p. 47 https://konferencia.unideb.hu/sites/default/files/file_uploads/debcarb-abstract-elektronikus-2022-kesz_04-cor_0.pdf

Antibacterial and antifungal efficacy of novel chitosan-silver nanocomposites

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

Antibiotic-imprinted polymer films prepared by electrochemical approach : towards the development of a label-free chemical sensor

Ayankojo, Akinrinade George; **Söritski, Vitali**; **Tretjakov, Aleksei**; **Reut, Jekaterina**; **Öpik, Andres** Baltic Polymer Symposium 2014 : programme and abstracts : Laulasmaa, Estonia, September 24-26, 2014 2014 / p. 38 https://www.researchgate.net/publication/290190469_Antibiotic-imprinted_polymer_films_prepared_by_electrochemical_approach_towards_the_development_of_a_label-free_chemical_sensor_Conference_Proceedings_at_Scopus_Article_at_Scopus

Antioxidative and anti-borrelia activity of phytochemicals in rubiaceae species

Laanet, Pille-Riin; **Saar-Reismaa, Piret**; **Bragina, Olga**; **Jõul, Piia**; **Vaher, Merike** FEBS3+ Conference of Estonian, Latvian and Lithuanian Biochemical Societies : abstract book : Tallinn, Estonia 15-17 June 2022 2022 / p. 104-105 https://biokeemiaselts.ee/wp-content/uploads/2022/06/ABSTRACT-BOOK_FEBS32022_Tallinn.pdf

Antioxidative and anti-borrelia effects of plantago species

Laanet, Pille-Riin; **Drošnova, Regina**; **Saar-Reismaa, Piret**; **Bragina, Olga**; **Vaher, Merike** Proceedings 2023 / art. 6 <https://doi.org/10.3390/proceedings2023092006>

Application of chiral bifunctional halogen bond catalysts in glycosylation reactions

Miller, Annette; **Hunt, Kaarel Erik**; **Kriis, Kadri**; **Kanger, Tõnis** Balticum Organicum Syntheticum (BOS 2022) : program and abstract book 2022 / p. 129 [Kogumik](https://doi.org/10.3390/proceedings2023092006)

Application of cobalt-containing metal-organic framework as crystalline sponge

Martõnova, Jevgenija; **Adamson, Jasper**; **Kaabel, Sandra**; **Šubin, Kirill**; **Aav, Riina** GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 2 https://fntdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

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 fly ash of lignite combustion in air and water purification

Nikitin, Dmitri; **Bolobajev, Juri**; **Kritševskaja, Marina**; **Pilar, Lukas**; **Vitvarova, Monika**; **Preis, Sergei**; **Dulova, Niina** Proceedings 2023 / art. 32 <https://doi.org/10.3390/proceedings2023092032>

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 the capillary electrophoresis technique in real life

Biel, Iwona; **Wozniakiewicz, Michal**; **Mazina-Šinkar, Jekaterina** FLOW ANALYSIS XV Krakow, Poland 2022, June 26-July 1 : Book of Abstracts 2022 / p. 127 https://flowanalysis2022.confer.uj.edu.pl/documents/148482257/0/ksi%C4%85%C5%BCka+2022-05-28+str+numeracja+od+stopki+spad3mm+26_06+g+16.pdf/151f7dba-0b67-4e9b-af55-3f042f9b55ed

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>

Assessing biological effects of contaminants in the Gulf of Finland, Northeastern Baltic Sea, using sediment biotests with Amphipods (*Monoporeia affinis*) and biomarker responses in Clams (*Macoma balthica*)

Kuprijanov, Ivan; **Kolesova, Natalja**; **Lipp, Maarja**; **Lehtonen, Kari K.** Proceedings 2023 / art. 54 <https://doi.org/10.3390/proceedings2023092054>

Assessing the Equal Opportunities for Seafarers : Preparation for Unmanned Vessels in the Baltic Sea Region
Kerem, Kristin; Otsason, Riina; Tapaninen, Ulla Piri 2025 International Conference "Advancing The Blue Economy Through Gender Equality" : Book of Abstracts 2025 / p. 20 https://commons.wmu.se/cgi/viewcontent.cgi?article=1012&context=lib_papers

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/>

Assessment of vascular calcification in the context of inhibitors in chronic kidney disease
Adoberg, Annika; Holmar, Jana XVII Baltic Nephrology Conference, Tartu, Estonia, October 3rd-5th, 2024 : Abstracts 2024 / 3 p
<https://balticnephrology2024.eu/abstracts>

Association between genetic proxies for neuroticism and labour market outcomes
Hazak, Aaro; Liuhanen, J.; Kantojärvi, K.; Sulkava, S.; Jääskeläinen, T.; Salomaa, V.; Koskinen, S.; Perola, M.; Paunio, T. European Psychiatry 2025 / p. S97 <https://doi.org/10.1192/j.eurpsy.2025.297>

Asymmetric organocatalytic [2,3]-Wittig rearrangement of cyclohexanone derivatives
Kimm, Mariliis; Ošeka, Maksim; Kanger, Tõnis GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 41 https://fntdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

Balancing Cultural Acceptability and Environmental Sustainability in Diets through Multi-Objective Optimization
Bashiri, Bashir; Kaleda, Aleksei; **Vilu, Raivo** Future Frontiers : PhD Conference on Emerging Technologies : Book of Abstracts 2025 / p. 11 [Future Frontiers \(PDF\)](#)

Balti LFC ploki vajalike sageduse hoidmise ja taastamise reservide dimensioneerimine suurenenud taastuenergiaallikate lisandumise korral
Leinakse, Madis; Kilter, Jako 2023

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

Biocompatibility testing of metal-phenolic networks for environmental applications
Juvonen, Ilona; Ottoson, Kiira; **Paju, Laura;** Merzhyevskiy, Danylo; Mortimer, Monika EcoBalt2025 : Book of abstracts 2025 / p. 68 https://ecobalt.ftmc.it/wp-content/uploads/2025/10/EcoBalt2025_Book_of_Abstracts_V1-cor1_2025-10-24.pdf

Bioinert ceramics scaffolds for bone tissue engineering by laser-based powder bed fusion : a preliminary review
Kamboj, Nikhil Kumar; Piili, H.; Ganvir, A.; Gopaluni, A.; Nayak, C.; Moritz, N.; Salminen, A. Nordic laser materials processing conference (NOLAMP19) 22-24. august 2023, Turku, Finland : Programme and abstract book 2023 / p. 66 <https://nolamp19.fi/>

Breaking barriers in organometallic synthesis with a ball mill
Kananovich, Dzmitry; Nallaparaju, Jagadeesh Varma; Sahoo, Suman; Aav, Riina INCOME 2025 : Book of Abstracts 2025 / p. 63 https://www2.hu-berlin.de/income2025-berlin/INCOME2025_Program_abstracts.pdf

Bridging the Gap : Investigating the Need for ESG Training and Required Skills in Today's Workforce. Case of Lithuanian Companies
Kiaupaite-Grušniene, Vaiva; Gurvitš-Suits, Natalie Aleksandra; Kadak, Tarmo International Scientific Conference on European Processes ICEP-2024 : Abstracts Book 2024 / p. 11-12 <https://doi.org/10.5755/e01.2783-7610.2024>

Bromides in treated wastewater : limiting the use of post-ozonation for micropollutant removal
Klauson, Deniss; **Lember, Erki; Jaaku, Jaak** 23rd European Meeting on Environmental Chemistry, 3-6 December 2023, Budva, Montenegro : book of abstracts 2023 / p. 53 : ill <https://emec23.com/wp-content/uploads/2023/12/EMEC23-Book-of-Abstracts.pdf>

Bulk and interface recombination in TiO2/Sb2Se3 solar cells
Krautmann, Robert; Josepson, Raavo; Spalatu, Nicolae; Oja Acik, Ilona Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / p. 28 [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](#)

Butyllithium-free access to lithium amide bases via mechanochemistry
Sahoo, Suman; Trebunski, Martin; **Aav, Riina; Kananovich, Dzmitry** INCOME 2025 : Book of Abstracts 2025 / p. 133 https://www2.hu-berlin.de/income2025-berlin/INCOME2025_Program_abstracts.pdf

CagA and VacA genotypes of Helicobacter pylori strains in Estonia and their resistance to antibiotics

Roots, Kaisa; Truu, Liisa; Suurmaa, Külliki; Rütümann, Anna Maria; **Spuul, Pirjo** EHMSG - 35th International Workshop on Helicobacter & Microbiota in Inflammation & Cancer : accepted abstracts 2022 / art. e735, p. 34
https://doi.org/10.26355/mhd_20229_735

Cambrian Deimena Regional Stage sandstones – the oldest and most prospective geothermal reservoir in the Baltic Basin

Šogenova, Alla; Šogenov, Kazbulat; Sliupa, Saulius; Sliapiene, Rasa; Jõelet, Argo; Zajacs, Aleksandrs XI Baltic Stratigraphical Conference : abstracts and field guide 2024 / p. 36 https://www.ester.ee/record=b5696260*est
<https://files.geocollections.info/6ec70b0d-243b-4503-862d-5de364ca95bb.pdf>

Cannabinoids (Δ^9 -THC and CBD) quantitative analysis by in-situ portable drug analyzer Drug Hunter

Gorbatšova, Jelena; Bolkvadze, V; Vaher, Merike; Halling, Evelin; Mazina-Šinkar, Jekaterina Flow Analysis XV, Krakow, Poland, June 26 - July 1, 2022 : book of abstracts 2022 / p. 155
https://flowanalysis2022.confer.uj.edu.pl/documents/148482257/0/ksi%C4%85%C5%BCKa+2022-05-28+str+numeracja+od+stopki+spad3mm+26_06+g+16.pdf/151f7dba-0b67-4e9b-af55-3f042f9b55ed

Cannabinoids (Δ^9 -THC and CBD) quantitative analysis by in-situ portable drug analyzer Drug Hunter

Gorbatšova, Jelena; Bolvadze, Vyacheslav; Vaher, Merike; Halling, Evelin; Mazina-Šinkar, Jekaterina Flow Analysis XV, Krakow, Poland, June 26 - July 1, 2022 : book of abstracts 2022 / p. 155
https://flowanalysis2022.confer.uj.edu.pl/documents/148482257/0/ksi%C4%85%C5%BCKa+2022-05-28+str+numeracja+od+stopki+spad3mm+26_06+g+16.pdf/151f7dba-0b67-4e9b-af55-3f042f9b55ed

Capillary electrophoretic analysis of calcium and magnesium acetate samples produced from oil shale industry waste

Umerenkova, Violetta; Muldma, Kati; Närep, Angelica; Mets, Birgit; Kaldas, Kristiina Euroanalysis 2025 : XXII European Conference on Analytical Chemistry : Abstract Book 2025 / art. P2-074 ; p. 583
https://www.euroanalysis2025.com/images/site/abstracts/ABSTRACT_EUROANALYSIS_2025.V13.pdf

Cellulose in choline chloride-based deep eutectic solvents : dissolution, regeneration, and acetylation

Brus, Gretel; Tarasova, Elvira; Krumme, Andres Baltic Polymer Symposium 2025 : 23d International Scientific Conference BPS 2025 "Baltic Polymer Symposium 2025" : Book of abstracts 2025 / p. 61 <http://woodval.taltech.ee/wp-content/uploads/2025/07/BPS2025-Book-of-abstracts.pdf>

Ce-MOFs - fast synthesis and characterization

Mironova, Viktorija; Chavan, Sashin M.; **Niidu, Allan** Future Frontiers : PhD Conference on Emerging Technologies : Book of Abstracts 2025 / p. 28 ; oral 17 https://tuit.ut.ee/sites/default/files/2025-05/PhD%20Conference%202025%20Book%20of%20Abstracts_pub3.pdf

Central Baltic Sea Circulation Experiment – first results

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

Change in the carbon footprint of Iranians' food consumption from 1961 to 2019: A decomposition analysis of drivers

Bashiri, Bashir; Zehtabvar, Mehmaz; Gavrilova, Olga; **Vilu, Raivo** 13th International Conference Biosystems Engineering, Tartu, Estonia, May 5-7, 2023 : book of abstracts 2023 / p. 11 https://dspace.emu.ee/bitstream/handle/10492/8106/ABS_2023_Book_VV.pdf?sequence=4&isAllowed=y https://www.ester.ee/record=b5569707*est

Changes in the thermal behaviour of phosphorite sample from Toolse deposit (Estonia) along the drill-core

Kaljuvee, Tiit; Tõnsuaadu, Kaia; Kallaste, Toivo; Hints, Rutt; Kivimäe, Eliise-Koidula; Petkova, Vilma; **Trikkel, Andres** 7th Central and Eastern European Conference on Thermal Analysis and Calorimetry (CEEC-TAC7) : book of abstracts 2023 / p. 69

Characterization of tetrahedrite Cu₁₀Cd₂Sb₄S₁₃ monograin materials grown in molten CdI₂ and LiI : [conference paper]

Ghisani, Fairouz; Timmo, Kristi; Altosaar, Mare GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / p. 29 https://fmdtk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

Chemical, metagenomic and sensory differences in kimchi fermented in industrial and laboratory scale

Aus, Emili; Kuldjärv, Rain; Meikas, Anne; **Vaikka, Helen;** Junusova, Marina 16th Baltic Conference on Food Science and Technology "Traditional meets non-traditional in future food" : FOODBALT 2023 : Book of abstracts 2023 / p. 103
https://conferences.llu.lv/sites/lluc/files/conferences/foodbalt_2023/menu_attachments/FoodBalt_2023_Abstract_book.pdf

Chiral Hemicucurbit[N]Urils, their synthesis, post functionalization and application

Mishra, Kamini Atindrakumar; Aav, Riina GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / O 21
https://fmdtk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

Chirality induction and self-assembly of metallo-porphyrins by chiral cyclohexanohemicucurbiturils

Aav, Riina Twelfth International Conference on Porphyrins and Phthalocyanines : ICPP-12 : book of abstracts 2022 / p. 9
http://www.icpp-spp.org/img_icpp12/ICPP-12%20BOA.pdf

Chirogenic interaction of chiral cyclohexanohemicucurbit[n]urils with bis(Zn porphyrin)

Šakarašvili, Marko; Ustrnul, Lukas; Konrad, Nele; Aav, Riina Twelfth International Conference on Porphyrins and Phthalocyanines : ICPP-12 : book of abstracts 2022 / p. 448 http://www.icpp-spp.org/img_icpp12/ICPP-12%20BOA.pdf

Chitosan-copper oxide nanocomposites : synthesis, antibacterial efficacy, and cytotoxicity

Laanoja, Jüri; Sihtmäe, Mariliis; Otsus, Maarja; Kasemets, Kaja; Kahru, Anne 2025 IEEE 15th International Conference "Nanomaterials: Applications & Properties" : Abstract Book 2025 2025 / p. 464 https://ieeenap.org/data/Book_of_Abstacts_2025.pdf

Choline hydroxide-based deep eutectic solvents : cellulose dissolution and esterification

Prelgauskaitė, Vilte; Tarasova, Elvira; Krumme, Andres Baltic Polymer Symposium 2025 : 23d International Scientific Conference BPS 2025 "Baltic Polymer Symposium 2025" : Book of abstracts 2025 / p. 85 <http://woodval.taltech.ee/wp-content/uploads/2025/07/BPS2025-Book-of-abstracts.pdf>

Class-selective molecularly imprinted polymer-based sensor for macrolide antibiotics detection

Ayankojo, Akinrinade George; Nguyen, Vu Bao Chau; Reut, Jekaterina; Öpik, Andres; Söritski, Vitali International Conference on Chemical Sensors : Mátrafüred 2022 2022 / p. 70 https://matrafured.ch/MatrafuredScientificProgram_2022.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

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

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

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

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

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

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

CogniFlow: integrated modular system for automated droplet microfluidic bioanalysis

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

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

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

Combustion synthesis of nanoscale boron and silicon carbides

Zakaryan, Marieta; Amirkhanyan, Narine; Kirakosyan, Hasmik; Zurnachyan, Alina; Ayydinyan, Sofiya CIMTEC 2022 : 15th International Ceramics Congress (June 20-24) CIMTEC 2022 : 9th Forum on New Materials (June 25-29) 2022 http://2022.cimtec-congress.org/focused-session-ca-11_1

Comparative analysis of Helicobacter pylori strains isolated from Estonia in 2020-2022

Truu, Laura; Roots, Kaisa; Suurmaa, K.; Rütümann, A.; Sarand, Inga; Spuul, Pirjo EHMSG – 36th International Workshop on Helicobacter & Microbiota in Inflammation & Cancer : abstract book 2023 / p. 131 https://doi.org/10.26355/mhd_20239_857

Comparative study of siox layers deposition using thermal and uv-assisted curing of perhydropolysilazane

Shmagina, Elizaveta; Bereznev, Sergei GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 50 https://fmdtk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

Comparative study of thin films prepared by different curing methods of perhydropolysilazane

Shmagina, Elizaveta; Danilson, Mati; Mikli, Valdek; Bereznev, Sergei Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / art. 54 [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](http://GraduateSchoolofFunctionalMaterialsandTechnology(GSFMT)ScientificConference2022)

A compared study of esterified lignin for thermoplastic applications

Ho, Tran; Mohan, Mahendra Kothottil; Köster, Carmen; Järvik, Oliver; Kulp, Maria; Karpichev, Yevgen Baltic Polymer Symposium 2025 : 23d International Scientific Conference BPS 2025 "Baltic Polymer Symposium 2025" : Book of abstracts 2025 / p. 83 <http://woodval.taltech.ee/wp-content/uploads/2025/07/BPS2025-Book-of-abstracts.pdf>

Comparison of chromogenic STA-R evolution and CS-2500 assays for Apixaban, Rivaroxaban and Dabigatran
Pikta, Marika; Örd, Lenna; Lind, Ellind; Reitsnik, Tarmo; Banyas, Valdas "Hematology and hemostasis" Clinical Chemistry and Laboratory Medicine (CCLM) 2023 / p. s1274 <https://doi.org/10.1515/cclm-2023-7050>

Comparison of chromogenic STA-R Evolution and CS-2500 assays for Apixaban, Rivaroxaban and Dabigatran
Pikta, Marika; Örd, Lenna; Lind, Ellind; Reitsnik, Tarmo; Banyas, Valdas Eesti laborimeditsiin : Eesti Laborimeditsiini Ühingu ja Eesti Bioanalüütikute Ühingu ajakiri 2024 / lk. 70-71 : ill https://www.ester.ee/record=b4560018*est

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

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

Composition, physico-chemical properties and antioxidant activity of Estonian honeys

Kivima, Evelin; Tanilas, Kristel; Martverk, Kaie; **Laos, Katrin** 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 125

A concept of "the Route" and "the Path" in John Urry's and Georg Simmel's studies

Lobanova, Kateryna The Days of Science of the Faculty of Philosophy 2023 : International Scientific Conference, Kyiv, 11-12 of May 2023 : abstracts 2023 / p. 44-46 <https://daysofscience-knu.net.ua/index.php/conference/issue/view/12/79>

Conceptualising (truly) sustainable technology development (for all)

Kouvara, Asimina ESEE 2022 Conference Pisa, 14-17 June 2022, Pisa, Italy 2022 / art. 429
<https://virtual.oxfordabstracts.com/#/event/2584/submission/429>

Conceptualizing ethical challenges in development and usage of artificial intelligence systems : towards "Ethics by design"

Kerikmäe, Tanel; Antonov, Alexander; Shumilo, Olga Матеріали Міжнародної науково-практичної конференції "Стратегічні пріоритети розвитку Економіки, менеджменту, сфери Обслуговування та права в умовах Інтеграційних процесів" 2022 / p. 335-339 <https://www.kspu.edu>

Connecting the A,B- and D-rings of 9,11-secoosterols

Rõuk, Kristi; Kõllo, Marek; Lopp, Margus Balticum Organicum Syntheticum (BOS 2022) : program and abstract book 2022 / p. 149 [Kogumik](#)

Consequences of the modal unification of the functional calling paradigms

Espírito Santo, José; McDermott, Dylan; Pinto, Luis; **Uustalu, Tarmo** 29th International Conference on Types for Proofs and Programs, TYPES 2023 : Valencia, Spain, 12-15 June 2023, Abstracts 2023 / p. 33-35 <https://types2023.webs.upv.es/TYPES2023.pdf>

Consumption of multi-fiber enriched yogurt increased the levels of Catenibacterium mitsuokai and Parabacteroides distasonis

Jaagura, Madis; Part, Natalja; **Adamberg, Kaarel**; Kazantseva, Jekaterina; Viiaard, Ene Pharmadvances 2022 / p. 59
<http://www.pharmadvances.com/wp-content/uploads/2022/01/Posters.pdf>

Corruption and country size : literature review and suggestions for further research

Saarniit, Leno; Sarapuu, Külli The 30th NISPAcee Annual Conference, Bucharest, Romania, June 2 - June 4, 2022 2022
https://www.nispa.org/conf_paper_details2022.php?cid=300&p=5402&pid=5357

Crisis management aspects of agricultural enterprises under modern threats

Demikhov, Oleksii; Prokopenko, Olha; Taraniuk, Karina; **Salmistu, Sirle**; Merisalu, Eda Biosystems engineering : book of abstracts 2025 / p. 10 [Biosystems Engineering \(PDF\)](#)

Critical resources and potential of Estonian precambrian and paleozoic rocks

Soesoo, Alvar; Bauert, Heikki Geological Survey of Finland, 2023 EU SuperCluster Lapland Geoconference – October 30–31, 2023, Hotel Santa Claus, Rovaniemi, Finland 2023 / p. 99-103 [Critical resources and potential of Estonian precambrian and paleozoic rocks](#)

Critical view to the implementation of public AI use cases

Kerikmäe, Tanel Nordic Conference on Law and Information Technology 2023 2023 / 1 p <https://www.ulapland.fi/EN/Webpages/Nordic-Conference-on-Law-and-Information-Technology-2023/Abstracts>

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

Bashiri, Bashir; Kaleda, Aleksei; Gavrilova, Olga; **Vilu, Raivo** World Congress on Sustainable Technologies (WCST-2023) : proceedings 2023 / p. 73 <https://doi.org/10.20533/WCST.2023.0002>

Cyclohexanohemicucurbit[n]uril macrocycles: supramolecular interactions

Ustrnul, Lukas; Aav, Riina Balticum Organicum Syntheticum (BOS 2022) : program and abstract book 2022 / p. 164 [Kogumik](#)

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](#)

Decarbonisation options of district heating peak loads

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

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

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

Deep learning for radar-based object detection in unmanned ground vehicles

Ersü, Can; Petlenkov, Eduard; Janson, Karl Future Frontiers : PhD Conference on Emerging Technologies : Book of Abstracts 2025 / p. 8 : oral 33 https://tuit.ut.ee/sites/default/files/2025-05/PhD%20Conference%202025%20Book%20of%20Abstracts_pub3.pdf

Degradation of antibiotic vancomycin by UV photolysis and pulsed corona discharge combined with extrinsic oxidants

Nikitin, Dmitri; Kaur, Balpreet; Preis, Sergei; Dulova, Niina GSFMT Scientific Conference 2023 : Tartu, 23-24 May, 2023 : abstracts 2023 / 1 p <https://fmdtk.ut.ee/programm-2023/>

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

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

Degradation of imidazolium-based ionic liquids by UV photolysis and pulsed corona discharge combined with persulfate

Nikitin, Dmitri; Preis, Sergei; Dulova, Niina 18th International Conference on Chemistry and the Environment (ICCE 2023), June 11-15, 2023 : Book of abstracts 2023 / p. 394 <https://icce2023.com/wp-content/uploads/2023/06/Book-of-Abstracts.pdf>

Degradation studies of some pharmaceuticals present in Sewage Sludge

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

The delicacy of meeting climate goals in the EU small states: an energy security-oriented perspective

Keypour, Javad The 30th NISPAcee Annual Conference, Bucharest, Romania, June 2 - June 4, 2022 2022 https://www.nispa.org/conf_paper_details2022.php?cid=300&p=5551&pid=10247

Densification of the eggshell powder by spark plasma sintering

Shukla, Riddhi Hirenkumar; Rathinavelu, Sockalingam; Kollo, Lauri; Prashanth, Konda Gokuldoss Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / 56 l. [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](#)

Design of AChE reactivators using versatile molecular platforms and nanodiamonds

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

Design of performance characteristics on laser treated denim fabric : [conference paper]

Mandre, Nele; Plamus, Tiia; Linder, Angelika; Varjas, Toivo; Majak, Jüri; Krumme, Andres Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / p. 36 : ill [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](#)

The design-build-test-learn cycle for investigating lipid synthesis in oleaginous *Rhodotorula toruloides*

Rekena, Alina; Gavrilovic, Srdjan; Lahtvee, Petri-Jaan The 7th applied synthetic biology in Europe : programme and abstracts 2024 / p. 80 <https://bipeek-resources-onsite-prd.s3.amazonaws.com/54015/ASBE7-Programme-and-Abstract-Book.pdf?v=1730830392>

Development of a harmonised methodology for Narva River water discharge estimation

Kobets, Yaroslav; Reihan, Alvina Proceedings 2023 / art. 18 <https://doi.org/10.3390/proceedings2023092018>

Development of antimony sulfide thin-film solar cells for semitransparent applications

Beglaryan, Robert; Katerski, Atanas; Oja Acik, Ilona; Krunks, Malle Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / 9 l. [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](#)

Development of band gap tuned CU₂ZN(SN1–XGEX)S₄ monograin powders

Mengü, Idil; Grossberg-Kuusk, Maarja; Muska, Katri; Pilvet, Maris; Mikli, Valdek; Kaupmees, Reelika; Krustok, Jüri; Kauk-Kuusik, Marit Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / 39 I. [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](#)

Development of bio-based lignin-furfural adhesives using deep eutectic solvents

Solomina, Evelin; Thevis, W. H. P.; **Kulp, Maria** Baltic Polymer Symposium 2025 : 23d International Scientific Conference BPS 2025 "Baltic Polymer Symposium 2025" : Book of abstracts 2025 / p. 60 <http://woodval.taltech.ee/wp-content/uploads/2025/07/BPS2025-Book-of-abstracts.pdf>

Development of bio-based nonwoven materials from post-consumer textile waste

Rahman, Md Toufiqur; Kaljus, Astri; **Plamus, Tiia** Baltic polymer symposium 2024 : book of abstracts 2024 / p. 65 <https://doi.org/10.5755/e01.3030-1378.2024>

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

Ellmann, Artu; Delpeche-Ellmann, Nicole Camille; Varbla, Sander; Rajabi Kiasari, Saeed; Jahanmard, Vahidreza; Kupavõh, Aleksei EGU General Assembly 2025 2025 / art. EGU25-20596 <https://doi.org/10.5194/egusphere-egu25-20596>

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](#)

The development of electro-organocatalytic enantioselective cascade Michael reaction

Krech, Anastasiya; Laktsevich-Iskryk, Marharyta; Ošeka, Maksim Balticum Organicum Syntheticum (BOS 2024) : Book of Abstracts 2024 / p. 78 https://boschem.eu/bos2024/wp-content/uploads/sites/5/2024/07/BOS2024_Abtract-Book.pdf

Development of new photocatalytic ring-opening reaction of cyclopropanols

Krech, Anastasiya; Ošeka, Maksim; Kananovich, Dzmitry BOSS XVII : Programme & Book of Abstracts 2022 / p. 132-132 https://books.google.ee/books/about/BOSS_XVII.html?id=dCuZwEACAAJ&redir_esc=y

Development of sb₂se₃ and sb₂s₃ solar cells by close-spaced sublimation

Krautmann, Robert; Spalatu, Nicolae; Oja Acik, Ilona GSFMT Scientific Conference 2023 : Tartu, 23-24 May, 2023 : abstracts 2023 <https://fmdk.ut.ee/programm-2023/>

Development of ZNO nanorods and NIO film based photocatalysts by solution methods for degradation of dyes in aqueous solution

Chen, Zengjun; Dedova, Tatjana; Krunks, Malle Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / 13 p [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](#)

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

Metsala, Andrus; Kriis, Kadri; Kaasik, Mikk; Kanger, Tõnis Balticum Organicum Syntheticum (BOS 2024) : Book of Abstracts 2024 / art. P83, p. 102 https://boschem.eu/bos2024/wp-content/uploads/sites/5/2024/07/BOS2024_Abtract-Book.pdf

Dietary intervention study conducted with fiber rich functional and sustainable smoothie made using leftover apple pomace from apple cider industry

Kuldjärv, Rain; Jagomäe, Annika; Kiiker, Liisa; Jõelet, Ann; Pihelgas, Susan 16th Baltic Conference on Food Science and Technology "Traditional meets non-traditional in future food" : FOODBALT 2023 : Book of abstracts 2023 https://conferences.llu.lv/sites/llu/files/conferences/foodbalt_2023/menu_attachments/FoodBalt_2023_Abtract_book.pdf

Digiloping teachers' mentor guidebook

Ábrahám-Huszá, Éva; Csanády, Szilvia; Fenyvesi, Kristóf; Galambos, Attila; Gál-lanko, Katalin; Gulyásné Balogh, Bianka; Gyurcsik, Péter; Kolumbán, Krisztina; Nemes, István; Lázár, Csilla; Leoste, Janika; Skultéty, Zoltán; Váczi, Dorottya; Zsigmond, Ilka 2023 <https://digilopingteachers.eu/en/outcomes/>

Direct conversion of lignin into antibacterial carbon nanomaterials without organofunctionalization

Mikhrallieva, Albina; Bragina, Olga; Zaitsev, Volodymyr; **Karpichev, Yevgen** Baltic Polymer Symposium 2025 : 23d International Scientific Conference BPS 2025 "Baltic Polymer Symposium 2025" : Book of abstracts 2025 / p. 52 <http://woodval.taltech.ee/wp-content/uploads/2025/07/BPS2025-Book-of-abstracts.pdf>

Disrupt, decouple, rebuild: Identity de- and re-construction of refugee entrepreneurs

Rugina, Sanita; **Harima, Aki** Academy of Management Proceedings 2024 / art. 15080 <https://doi.org/10.5465/AMPROC.2024.280bp> [Conference proceedings at Scopus Article at Scopus](#)

Does surface morphology of plant-based protein powders influence sensory perception?

Jakobson, Kadi; Kaleda, Aleksei; Kriščiunaite, Tiina 16th Baltic Conference on Food Science and Technology "Traditional meets non-traditional in future food" : FOODBALT 2023 : Book of abstracts 2023 / p. 70

https://conferences.llu.lv/sites/llucs/files/conferences/foodbalt_2023/menu_attachments/FoodBalt_2023_Abstract_book.pdf

Droplet-based technology for studying the phenotypic effect of microplastics on antimicrobial resistance

Bartkova, Simona; Sulp, Fenella Lucia; Sanka, Immanuel; Pata, Pille; Scheler, Ott Proceedings 2023 / art. 41

<https://doi.org/10.3390/proceedings2023092041>

Drug coating design of nanodiamonds for targeted delivery

ISN2A 2022 : 5th International Caparica Symposium on Nanoparticles, Nanomaterials and Applications : book of abstracts 2022 / p. 183

Dual-use cyber tools and the EU's narrative construction on cybersecurity capacity building

Kasper, Agnes IDEAS : Interdisciplinary conference on European Advanced Studies : (Dis)integration from an (in)equality perspective 2022 / p. 12 <https://www.iee-ulb.eu/content/uploads/2022/05/FINAL-Conference-Programme-IDEAS-with-abstracts.pdf>

Dynamic modelling of a screw actuator for improved locomotion control on various terrains

Remmas, Mohamed Walid; Gkliva, Roza; Ristolainen, Asko EGU General Assembly 2022 2022 / EGU22-5726

<https://doi.org/10.5194/egusphere-egu22-5726>

Dynamic reading and delineation of urban areas – Applying cellular phone data in the case of Tallinn, Estonia

Vanhatalo, Jaana; Partanen, Jenni Vilhelmiina ECTQG 2023 : Proceedings, Abstracts 2023 / p. 189-190

https://ucpages.uc.pt/site/assets/files/1249198/ectqg_2023_proceedings_final.pdf

Early Silurian climate changes on Baltica and South China – a sedimentological, bio- and chemostratigraphic framework

Lehnert, Oliver; Yan, Guanzhou; Meinhold, Guido; Joachimski, Michael M.; Calner, Mikael; Männik, Peep; Fryda, Jiri; Gong, Fangyi; Wu, Rongchang XI Baltic Stratigraphical Conference : abstracts and field guide 2024 / p. 20 https://www.ester.ee/record=b5696260*est

<https://files.geocollections.info/b841fb65-bf67-43b6-9a62-8793a4452002.pdf>

ECD spectra of porphyrin complexes using TD-DFT

Osadchuk, Irina EUCMOS2023 : Abstract book 2023 / p. 42

https://jyx.jyu.fi/bitstream/handle/123456789/88819/EUCMOS2023_AbstractBook_FINAL_verkkoon.pdf?sequence=-1

Eesti mäenduse teekond võrrelduna Euroopaga

Karu, Veiko Kuhu rändab Eesti geoloogia? : aprillikonverentsi teeside kogumik 2023 / lk. 22 https://www.ester.ee/record=b5552673*est

Eesti turbauuringute andmebaas ja ringmajandus

Orru, Mall Kliimast, geoloogiast, ringmajandusest ja ajaloost 2024 / lk. 49 https://www.ester.ee/record=b5673955*est

<https://kirjandus.geoloogia.info/reference/49156>

Eesti-inglise-eesti majandustekstide oskussõnavarast ja tõlkeprobleemidest

Alver, Jaan; Alver, Lehti VIII mitmeteaduslik eesti teaduskeele konverents, 2. detsembril 2022 2022 / Lk. 9 [VIII mitmeteaduslik eesti teaduskeele konverents, 2. detsembril 2022](https://www.ester.ee/record=b5552673*est)

Effect of acid treatment of raw and sprouted grains on microbiological parameters and quality of the products : poster

Traksmäa, Anna; Šestopalova, Ksenia; Kütt, Mary-Liis; Vilu, Raivo Cereals & Europe : Spring Meeting 2022 / p. 60

<https://cespringmeeting2020.eu/abstract-book/> https://cespringmeeting2020.eu/wp-content/uploads/2022/05/CE2022_AbstractBook-SOU-Preview.pdf

Effect of drying methods on the morphological and functional properties of cellulose ester films

Kattamanchi, Tanuj; Kallakas, Heikko; Tarasova, Elvira; Alao, Percy Festus; Kaljuvee, Tiit; Mere, Arvo; Katerski, Atanas;

Kers, Jaan Baltic Polymer Symposium 2025 : 23d International Scientific Conference BPS 2025 "Baltic Polymer Symposium 2025" :

Book of abstracts 2025 / p. 42 <http://woodval.taltech.ee/wp-content/uploads/2025/07/BPS2025-Book-of-abstracts.pdf>

The effect of pressing parameters on the properties of nonwoven composites

Rahman, Md Arifur; Plamus, Tiia; Rahman, Md Toufique Baltic Polymer Symposium 2025 : 23d International Scientific

Conference BPS 2025 "Baltic Polymer Symposium 2025" : Book of abstracts 2025 / p. 70 <http://woodval.taltech.ee/wp-content/uploads/2025/07/BPS2025-Book-of-abstracts.pdf>

The effect of recycled fibre type on the properties of nonwoven materials made from post-consumer textile waste

Worth, Katre; Rahman, Md Toufique; Plamus, Tiia Baltic Polymer Symposium 2024 : 22nd International Scientific Conference,

September 17-19, 2024, Birštonas, Lithuania : Book of abstracts 2024 / p. 67 <https://doi.org/10.5755/e01.3030-1378.2024>

Effect of thermal treatment on the rheological properties of carrageenan gels

Laos, Katrin; Eha, Kairit 16th Baltic Conference on Food Science and Technology "Traditional meets non-traditional in future food" :

FOODBALT 2023 : Book of abstracts 2023 / p. 52

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>

Electrochemical merits of selective laser melted Mo/MoS₂ composite in aqueous solutions

Alinejadian, Navid; Kazemi, Sayed Habib; Kollo, Lauri; Grossberg-Kuusk, Maarja; Odnevall, Inger Charlotta; Prashanth, Konda Gokuldoss Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / 7 I. [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](#)

Electrochemical sensing of clinically relevant proteins by molecularly imprinted polymer-modified electrodes

Sõritski, Vitali 11th international workshop on surface modification for chemical and biochemical sensing : program and the book of abstracts 2023 / p. 120 https://www.smcbs.pl/_ftp/book_of_abstracts/Book_of_Abstracts_SMCBS_2023.pdf

Electrolysis waste heat utilization towards district heating – a case study for Norway

Kauko, Hanne; Tommasini, Davide; Marx, Nicolas; Wimmer, Yannick; Reuter, Stefan; Puschnigg, Stefan; Moser, Simon; Volkova, Anna; Ali, Hesham Abed Al-Same Jamil 10th International Conference on Smart Energy Systems : Book of Abstracts 2024 / p. 251-252 <https://vbn.aau.dk/da/publications/book-of-abstracts-10th-international-conference-on-smart-energy-s-2>

Electrospun materials in triboelectric series

Savest, Natalja; Krasnou, Illia; Krumme, Andres; Dobryden, I.; Hakansson, K.; Edberg, J. Baltic Polymer Symposium, BPS2023 : programme and abstracts 2023 / p. 72 [Baltic Polymer Symposium, BPS2023 : programme and abstracts](#)

Empowering patients and supporting self-management in paediatric asthma : a qualitative approach on healthcare professionals' needs, expectations and experiences

Harjus-Soostar, Liina; Lubi, Kadi 6th PNAE Congress, Rome, 28th and 29th September 2023 : Abstracts Book 2023 / p. 132 <https://pnae.eu/wp-content/uploads/2024/09/6th-PNAE-Congress-BOOK-20231201.pdf>

Enabling ring-opening reaction of cyclopropanols with decatungstate anion photocatalysis

Krech, Anastasiya; Kananovich, Dzmitry; Ošeka, Maksim ISySyCat 2023 : International Symposium on Synthesis and Catalysis : Book of Abstracts 2023 / 1 p https://books.google.ee/books/about/ISySyCat_2023.html?id=wkVI0AEACAAJ&redir_esc=y

Enantioselective [8+2] cycloadditions of photogenerated ketenes

Kaasik, Mikk; Anker Jørgensen, K.; Eugui, M. Balticum Organicum Synthetium (BOS 2024) : Book of Abstracts 2024 / art. P47, p. 66 https://boschem.eu/bos2024/wp-content/uploads/sites/5/2024/07/BOS2024_Abstract-Book.pdf

Encouraging healthy ageing through the planning of age-friendly communities in Estonia

Salmistu, Sirle; Nutt, Nele; Kupper, Kristiina; Kotval, Zenia Game changer? Planning for just and sustainable urban regions (AESOP 2024) : Book of abstracts 2024 / p. 963 <https://hdl.handle.net/20.500.14235/2135>

Enefit oil factory (Enefit 280 and Enefit 280-2) plant controller algorithm

Sarnet, Tanel; Kilter, Jako 2022

Energy management in residential DC microgrids - droop control-based approach

Hasan, Sayeed; Chub, Andrii; Blinov, Andrei; Vinnikov, Dmitri Future Frontiers : PhD Conference on Emerging Technologies : Book of Abstracts 2025 / p. 23 ; poster 14 https://tuit.ut.ee/sites/default/files/2025-05/PhD%20Conference%202025%20Book%20of%20Abstracts_pub3.pdf

Enhanced Detection of Biological Warfare Agents Using MALDI-ToF Mass Spectrometry Integrated with Artificial Intelligence

Bentahir, Mostafa; Dolias, Georges; Karpichev, Yevgen; Ioannidis, Konstantinos; Udal, Andres; Fernandez Velasco, Leticia Medical Biodefense Conference 2025

Enhanced sustainability of aerated building blocks: Utilization of accelerated carbonation and oil shale ash in cement composites

Thomas, Adheena; Yörük, Can Rüstü; Pantšenko, Nata-Ly; Hain, Tiina; Uibu, Mai; Trikkel, Andres Book of abstracts of 2nd Central and Eastern European Conference on Physical Chemistry & Material Science (CEEC-PCMS2) 2024 / p. 35-36 <https://doi.org/10.5755/e01.9786090218693>

Enhancing inclusivity in higher education : the case of TEMI semi-autonomous robot for special needs students in technical courses

Budagov, Fuad; Leoste, Janika; Meeran, Mohammad Tariq AmiES-2023 : abstracts 2024 / 1 p http://international-symposium.org/amies_2023/proceedings_2023/Budagov_Leoste_Meeran

The enrichment process of vanadium in lower ordovician vanadiferous black shales from Estonia : investigating critical

metal resources in Europe

Ndiaye, Mawo; Graul, Sophie; Kallaste, Toivo; Hints, Rutt Goldschmidt 2023 Abstract 2023 / 1 p.

<https://doi.org/10.7185/gold2023.14076>

Environmental and economic life cycle assessment of fish protein and oil extraction using enzymatic hydrolysis

Bashiri, Bashir; Cropotova, Janna; Kvangarsnes, Kristine; **Vilu, Raivo** Life Cycle Innovation Conference (LCIC2024) 2024 / art. 23

<https://fslci.org/lcic/lcic2024/lcic2024-posters/environmental-and-economic-life-cycle-assessment-of-fish-protein-and-oil-extraction-using-enzymatic-hydrolysis/>

Environmental impact of alternative red mud utilization for metal extraction

Vitvarova, Monika; Novacek, David; Barreneche, Camila; Svobodova, Adela; Nazir, Shareq; Souza, Pedro; Koci, Vladimir; Karaca, Arif; **Preis, Sergei** SETAC Europe 34th Annual Meeting : "Science-Based Solutions in Times of Crisis : Integrating Science and Policy for Environmental Challenges" : book of abstracts 2024 / abs.: 5.04.P-Tu504

<https://setac.confex.com/setac/europe2024/meetingapp.cgi/Paper/23388>

Eosinophils role in melanoma progression

Teras, Roland Martin; Di Giovanni, Emilia; **Rump, Airi;** Truumees, Birgit; Putnik, Teele; **Teras, Jüri; Rüütel Boudinot, Sirje**

European journal of surgical oncology : Abstracts 2023 / p. e168 <https://doi.org/10.1016/j.ejso.2022.11.463>

The era of idea based entrepreneurship : are we pushing young entrepreneurs off a cliff?

Hammoda, Basel Osama Sayed Ahmed 2023 Babson College Doctoral Consortium Research Translations 2023 / 2 p.

<https://www.babson.edu/media/babson/assets/bcerc-dc-translations/Hammoda-Translation.pdf>

Establishment of a postpartum home visit model and its implementation strategy for the development of a community midwifery care evic in Estonia

Rosenperk, Riin; Mets-Oja, Silja; **Lubi, Kadi** International and Interdisciplinary Conference Empowerment of Public Health, Health Care and Wellbeing - Education, Research, and Practice : November 10, 2022 : conference proceedings 2022 / p. 41

https://www.ester.ee/record=b5525135*est https://ttk.ee/sites/ttk.ee/files/Abstract_book_conference_NOV_12.pdf

Estimation of the share of total nutrient load from the territory of Estonia along the Narva river to the Baltic Sea

Reihan, Alvina; Roosalu, Kati Proceedings 2023 / art. 44 <https://doi.org/10.3390/proceedings2023092044>

Estonian honey as an anti-Borrelia agent

Laanet, Pille-Riin; Jõul, Piia; Saar-Reismaa, Piret; Bragina, Olga; Vaher, Merike 17th International Scientific Conference "The Vital Nature Sign" : abstract book 2023 / p. 56 <https://portalcris.vdu.lt/server/api/core/bitstreams/a4a6a213-9383-4153-9beb-4d13026e58e5/content>

Estonian input in instrumental seismology

Soosalu, Heidi Elisabet The 54th Nordic Seismology Seminar, Herdla, Bergen, 12-14 June, 2023 2023 / p. 7-8

https://nordquake.net/nordic/2023/Program_Abstracts_Nordic2023.pdf

Evaluating the impact of toxicities in hemicellulosic hydrolysates during biotechnological valorisation processes

Lipova, Inna; Axelrud Nunes, Andreia; Bonturi, Nemailla; **Lahtvee, Petri-Jaan** Conference materials "Youth and modern problems of microbiology and virology" : IV young scientists conference, Kyiv, Ukraine, 15-17 November 2022 : Abstracts book 2022 / p. 15

https://imv.org.ua/wp-content/uploads/2022/12/Conference-materials_2022.pdf

Evaluation of a Technical Solution for Seawater District Heating and Cooling Systems

Hlebnikov, Aleksandr; Ali, Hesham Abed Al-Same Jamil; Volkova, Anna 9th International Conference on Smart Energy Systems

: Book of Abstracts 2023 / p. 365-366 <https://vbn.aau.dk/en/publications/book-of-abstracts-9th-international-conference-on-smart-energy-sy>

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

Kupavõh, Aleksei; Delpeche-Elmann, Nicole Camille; Elmann, Artu 30 years of progress in radar altimetry symposium,

Montpellier, France, 2-7. Sept. 2024 : Abstract book 2024 / p. 213, art. 426

<https://az659834.vo.msecnd.net/eventsairwesteuprod/production-nikal-public/338507f0dac84686b1d40a263ba347c6>

Evaluation of within-subject variation of VWF multimers assay

Pikta, Marika; Szanto, Timea; Banyas, Valdas ISTH 2022 : the 30th Congress of the International Society on Thrombosis and Haemostasis 2022 / art. PB0828 <https://www.eventscribe.net/2022/program/fsPopUp.asp?efp=TUZOTFdCREsxNjMzMw&PresentationID=1079739&rnd=0.134093&mode=presinfo>

Evolution of a Katian tropical hardground

Toom, Ursula; Kröger, Björn; Knaust, Dirk; **Moghalu, Ogechukwu Ann;** Vöröš, Dominik; Vodrážková, Stanislava XI Baltic

Stratigraphical Conference : abstracts and field guide 2024 / p. 39 https://www.ester.ee/record=b5696260*est

<https://files.geocollections.info/95c3f9cd-1a5f-428b-a1a6-517682aced9d.pdf>

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>

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>

Experimental challenges of guided wave tomography based on full waveform inversion for a pipe bend

Rasgado Moreno, Carlos Omar; Xu, Panpan; Ratassepp, Madis Guided Ultrasonic Waves: Emerging Methods (GUWEM): Linslerhof, Germany, 8-11 July 2024 : Abstracts 2024 / p. 30 <https://doi.org/10.5281/zenodo.12517188>

Exploring critical element enrichment pathways in black shales : a case study of Türisalu formation in Estonia

Ndiaye, Mawo; Kallaste, Toivo; Graul, Sophie Jane Marie-Pascale Huguette; Hints, Rutt 4th European Mineralogical Conference. Dublin, Ireland : programme and abstracts 2024 <https://www.minersoc.org/wp-content/uploads/2024/09/EMC-Programme-and-Abstracts-FINAL.pdf>

Exploring different methods for valorising oil shale ash into calcium and magnesium acetate de-icers

Muldma, Kati; Mets, Birgit; Siirde, Andres; Umerenkova, Violetta; Lopp, Margus; Kaldas, Kristiina Future Frontiers : PhD Conference on Emerging Technologies : Book of Abstracts 2025 / p. 27 ; poster 18 https://tuit.ut.ee/sites/default/files/2025-05/PhD%20Conference%202025%20Book%20of%20Abstracts_pub3.pdf

Exploring the Efficacy of Random Linear Parameter Models for Forecasting Heating Demand in District Heating Networks

Ali, Hesham Abed Al-Same Jamil; Dedov, Andrei; Volkova, Anna XVII International Scientific Conference of Environmental and Climate Technologies: Book of Abstracts 2024 / p. 31 <https://doi.org/10.7250/CONNECT.2024.016>

Extraction and determination of total phenolic contents, flavonoid contents, and volatile compounds in Epilobium angustifolium and Cannabis sativa varieties

Düüna, Kristin; Jõul, Piia; Vaher, Merike Proceedings 2023 / art. 21 <https://doi.org/10.3390/proceedings2023092021>

Factors affecting the SMEs ability to enter the AI revolution

Koppel, Tarmo; Tšernikova, Olga You Have Been Replaced by AI : Abstracts of the 11th Annual Entrepreneurship and Innovation Conference (EUAS and Ülemiste City), Tallinn, October 5, 2023 2023 / p. 12 <https://conference.euas.eu/2023/wp-content/uploads/2024/02/ConferenceProceedings2023.pdf>

Farmers hunt: multi-proxy analysis reveals complex subsistence systems at the dawn of early farming in the NE Baltic

Oras, Ester; Tõrv, Mari; Johanson, Kristiina; Rannamäe, Eve; Poska, Anneli; Varul, Liivi; Lucquin, Alexandre; Lundy, Jasmine; Visocka, Vanda; Legzdina, Dardega; Zariņa, Gunita; Lõugas, Lembi; Brown, Samantha ABSTRACT BOOK 10th Meeting of the International Society for Biomolecular Archaeology (ISBA). New Horizons in Biomolecular Archaeology. 13th–16th September 2023 Estonian National Museum, Tartu, Estonia. 2023 / p. 122 https://www.isbarch.org/assets/documents/ISBA10/ISBA10_Abstract_Book.pdf

Fast reaction yield monitoring by ce analysis of dicarboxylic acids in kerogen valorisation process

Muldma, Kati; Umerenkova, Violetta; Närep, Angelica; Kontson, Tiina; Kaldas, Kristiina Euroanalysis 2025 : XXII European Conference on Analytical Chemistry : Abstract Book 2025 / art. P1-094 ; p. 459 https://www.euroanalysis2025.com/images/site/abstracts/ABSTRACT_EUROANALYSIS_2025.V13.pdf

Fast reaction yield monitoring by ce analysis of dicarboxylic acids in kerogen valorisation process

Umerenkova, Violetta; Muldma, Kati; Närep, Angelica; Mets, Birgit; Kaldas, Kristiina EcoBalt2025 : Book of abstracts 2025 / p. 50 https://ecobalt.ftmc.lt/wp-content/uploads/2025/10/EcoBalt2025_Book_of_Abstacts_V1-cor1_2025-10-24.pdf

A few observations on data science

Bauk, Sanja New Trends and Best Practices in Socioeconomic Research : the 6th International Science Conference SER 2023, Igalo (Herceg Novi), Montenegro, Dec. 12th-13th, 2023 : book of abstracts 2023 / p. 23-24 <https://www.csr-pub.eu/files/Book%20of%20abstract%20-%20SER%20-%202023.pdf>

Filosoofia mõju filosoofile. Mihhail Makarovi juhtum

Pevkur, Aive Abstracts = Abstraktid 2018 / lk. 14 <https://www.tlu.ee/sites/default/files/Konverentsikeskus/Abstracts.pdf>

Finding Potential Phase Change Materials Among Ionic Liquids with The Aid of Machine Learning Model

Kaljusmaa, Liisa-Maria; Järvik, Oliver Conference Book : International Conference in Chemistry and Chemical Technology 2023 / p. 71 https://www.cct2023.chgf.vu.lt/images/2023/CCT_2023_Conference_book.pdf

Firefighters' well-being: A longitudinal study on mental and physical health factors within Estonia's fire service

Reinhold, Karin; Jarvis, Marina Book of Proceedings : 16th Conference of the European Academy of Occupational Health Psychology : Contributions of OHP to Social Justice, Granada, Spain, 5-7 June 2024 2024 / p. 762 https://eaohp.org/eaohp_2024/program_events/

First aulaceratid stromatoporoid from Baltica

Jeon, Juwan; **Toom, Ursula** XI Baltic Stratigraphical Conference : abstracts and field guide 2024 / p. 17
https://www.ester.ee/record=b5696260*est <https://kirjandus.geoloogia.info/en/reference/49701>

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

Forecasting of Sea Level Extremes using Deep Learning and Extreme Value Analysis
Delpeche-Ellmann, Nicole Camille; Rajabi-Kiasari, Saeed; **Soomere, Tarmo**; **Ellmann, Artu** EGU General Assembly 2025 2025 / art. EGU25-13350 <https://meetingorganizer.copernicus.org/EGU25/EGU25-13350.html> <https://doi.org/10.5194/egusphere-egu25-13350>

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

The forthcoming Baltic Sea Chart Datum 2000 – how harmonized height reference benefits sustainability
Schwabe, Joachim; Ågren, Jonas; Liebsch, Gunter; **Varbla, Sander**; **Ellmann, Artu**; Teitsson, Hergeir; Forsberg, Rene; Strykowski, Gabriel; Bilker-Koivula, Mirjam; Westfeld, Patrick XXVIII General Assembly of the International Union of Geodesy and Geophysics (IUGG) 2023 <https://doi.org/10.57757/IUGG23-2441>

Fostering firefighter well-being : longitudinal study about mental and physical health factors in Estonia's fire service
Reinhold, Karin; **Järvis, Marina** Occupational medicine 2024 / art. 23631 <https://doi.org/10.1093/occmed/kqae023.1146>

Fourier neural operators for emulating ocean models : Towards a knowledge-driven machine learning
Jahanmard, Vahidreza; **Ellmann, Artu**; **Delpeche-Ellmann, Nicole Camille** EGU General Assembly 2025 2025 / art. EGU25-4354 <https://doi.org/10.5194/egusphere-egu25-4354>

45 years of ice core research in Estonia
Vaikmäe, Rein; **Martma, Tõnu**; Isaksson, Elisabeth The Willi Dansgaard Centenary Symposium 2022 / 1 l.

Future perspective of in situ soil analysis
Leinus, Mari-Liis; Jõul, Piia; Rūžička, Martin; **Gorbatšova, Jelena**; **Vaher, Merike**; Shimmo, Ruth; **Mazina-Šinkar, Jekaterina** Proceedings 2023 / art. 10 <https://doi.org/10.3390/proceedings2023092010>

Gelling properties of proteins in meat analogues
Tammik, Mari-Liis; Vimm, Kersti-Liis 16th Baltic Conference on Food Science and Technology "Traditional meets non-traditional in future food" : FOODBALT 2023 : Book of abstracts 2023 / p. 16
https://conferences.llu.lv/sites/llucs/files/conferences/foodbalt_2023/menu_attachments/FoodBalt_2023_Abstract_book.pdf

Genetic proxies for sleep behaviours and individual labour market outcomes
Hazak, Aaro; Kantojärvi, Katri; Jääskeläinen, Tuija; Sulkava, Sonja; Liuhanen, Johanna; Salomaa, Veikko; Koskinen, Jukka; Perola, Markus; Paunio, Tiina Journal of sleep research 2024 / P635 <https://doi.org/10.1111/jsr.14291>

Genetically proxied diurnal preference and career performance
Hazak, Aaro; Kantojärvi, Katri; Jääskeläinen, Tuija; Sulkava, Sonja; Liuhanen, Johanna; Salomaa, Veikko; Koskinen, Jukka; Perola, Markus; Paunio, Tiina Journal of sleep research 2024 / P634 <https://doi.org/10.1111/jsr.14291>

Genome-scale modelling-based discovery of metabolic strategies in oleaginous yeast Rhodotorula toruloides
Rekena, Alina; Pinheiro, Marina J.; **Bonturi, Nemailla**; **Belouah, Isma**; Tammekivi, Eliise; Herodes, Koit; Kerkhoven, Eduard J.; **Lahtvee, Petri-Jaan** 8th conference on physiology of yeasts and filamentous fungi (PYFF8) : abstract book 2023 / p. 47-48
https://efbiotechnology.org/images/uploads/PYFF8_Abstract_book.pdf

Geochemistry, provenance, and tectonic setting of Paleoproterozoic metavolcanic and metasedimentary units of the Alutaguse zone, Estonia, a comparative study with the south Svecofennian zones
Solano-Acosta, Juan-David CRM : Conference on Exploration and Exploitation of Critical Raw Materials : Focus on Northern Europe, Tallinn, Estonia, October 7-8, 2024 : Abstract Book 2024 / p. 7 <https://medialib.cmcdn.dk/medialibrary/54382F12-83C9-42E7-9C40-E6E90FD69702/742A360B-2670-EF11-84D0-00155D0B0940.pdf> <https://doi.org/10.13140/RG.2.2.33821.01765>

Geochemistry, provenance, and tectonic setting of paleoproterozoic metavolcanic and metasedimentary units of the Alutaguse zone, North Estonia – a comparative study with the south svecofennian zone
Soesoo, Alvar; **Hints, Rutt**; **Solano-Acosta, Juan David** EU SuperCluster Lapland Geoconference – October 30–31, 2023, Hotel Santa Claus, Rovaniemi, Finland : Abstract 2023 / p. 205–210 <https://data.taltech.ee/records/6xn1t-1br72>

Geodetic SAR for height system unification and sea level research - observation concept and results in the Baltic Sea
Gruber, Thomas; Argen, Jonas; Angermann, Detlef; **Ellmann, Artu**; Gisinger, Christoph; Nastula, Jolanta; Poutanen, Markku;

Schlaak, Marius; Nilfouroushan, Faramarz; **Varbla, Sander** Geodesy for a Sustainable Earth, Scientific Assembly of the International Association of Geodesy : abstract book 2021 / p. 78 S1-067 https://files.sciconf.cn/upload/file/20210626/20210626085039_69146.pdf

Geodetic SAR for height system unification and sea level research - observation concept and results in the Baltic Sea : [poster]

Gruber, Thomas; Lantmäteriet, Jonas Ågren; Angermann, Detlef; **Ellmann, Artu**; Gisinger, Christoph; Nastula, Jolanta; Poutanen, Markku; Schlaak, Marius; Lantmäteriet, Faramarz Nilfouroushan; **Varbla, Sander** Living Planet Symposium (LPS22) 2022 / 1 p <https://www.lps22.eu/>

Geology and geochronology of the Estonian Precambrian basement

Nirgi, Siim; **Soesoo, Alvar** XI Baltic Stratigraphical Conference : abstracts and field guide 2024 / p. 29 https://www.ester.ee/record=b5696260*est <https://files.geocollections.info/5581dda4-94fa-4bcb-b1e7-8120d96af50b.pdf>

Geoloogid ja kliima – maailmas ja Eestis

Puura, Erik Kliimast, geoloogiast, ringmajandusest ja ajaloost 2024 / lk. 26 <https://kirjandus.geoloogia.info/reference/49134> https://www.ester.ee/record=b5673955*est

Geoscience collections and data services in Estonia: current state and perspectives

Hints, Olle; Iskar, Mare; **Toom, Ursula** XI Baltic Stratigraphical Conference : abstracts and field guide 2024 / p. 14 https://www.ester.ee/record=b5696260*est <https://files.geocollections.info/4f173be4-4a59-4b70-861e-d92ea61cd872.pdf>

Glycosylation donors and their reactivities

Miller, Annette Balticum Organicum Syntheticum (BOS 2024) : Book of Abstracts 2024 / art. 155. p. 174 https://boschem.eu/bos2024/wp-content/uploads/sites/5/2024/07/BOS2024_Abtract-Book.pdf

Green non-destructive approach for quantitation of hydroxyl groups in lignin using atr-ftir spectroscopy and chemometric methods

Salm, Olivia-Stella; Kudrjašova, Marina; **Kulp, Maria** Baltic Polymer Symposium 2025 : 23d International Scientific Conference BPS 2025“Baltic Polymer Symposium 2025” : Book of abstracts 2025 / p. 74 <http://woodval.taltech.ee/wp-content/uploads/2025/07/BPS2025-Book-of-abstracts.pdf>

Green, digital, inclusive : new directions in urban and regional planning

Dembski, Fabian; Linzer, Helena; Voigt, Andreas; Wieshofer, Isabel AESOP annual congress space for species : redefining spatial justice - book of abstracts 2022 / p. 432-433 <https://proceedings.aesop-planning.eu/index.php/aesopro/issue/view/13/13>

Greener protocol for chloromethylation of lignin and its diverse applications

Mohan, Mahendra Kothottil; Karpichev, Yevgen 2024 MRS Spring Meeting & Exhibit : abstract book 2024 / 1 p https://www.mrs.org/docs/default-source/meetings-events/spring-meetings/2024/2024-mrs-spring-meeting-abstract-program-3-28-2024.pdf?sfvrsn=d2ef1b09_10

Halogen and chalcogen polyhydrides

Luts, Hanna-Eliisa; **Tamm, Toomas** ICQC 2023 : International Congress of Quantum Chemistry : Book of Abstracts 2023 / p. PB48 <https://icqc2023.org/wp-content/uploads/BOA-27-6-v1.pdf>

Harku Estlink 1 ja Kiisa AREJ-de koostöö uuring

Kilter, Jako; **Sarnet, Tanel** 2023

Heat demand variability in district Heating systems: A foundation for future electrification

Ali, Hesham Abed Al-Same Jamil Future Frontiers : PhD Conference on Emerging Technologies : Book of Abstracts 2025 / p. 3 ; oral 28 https://tuit.ut.ee/sites/default/files/2025-05/PhD%20Conference%202025%20Book%20of%20Abstracts_pub3.pdf

Hemicucurbituril complexes with Porphyrins - chirality induction and sensing

Ustrnul, Lukas; Šakarašvili, Marko; Konrad, Nele; Borovkov, Victor; Aav, Riina Twelfth International Conference on Porphyrins and Phthalocyanines : ICPP-12 : book of abstracts 2022 / p. 318 http://www.icpp-spp.org/img_icpp12/ICPP-12%20BOA.pdf

HFIP-promoted nucleophilic ring opening of nonactivated aziridines under continuous flow conditions

Laktsevich-Iskryk, Marharyta; Krech, Anastasiya; Fokin, Mihhail 13th Paul Walden Symposium : Program and abstracts 2023 / p. 47 https://walden.osi.lv/wp-content/uploads/2023/09/Abstract_book_Walden_2023.pdf

High-entropy (Ti0.4Ta0.4V0.4Nb0.4Cr0.4)AlC MAX phase synthesized byshs : structural, thermal, and mechanical insights

Melkonyan, S.; Zakaryan, Marieta; Grigoryan, Y.; **Hussainova, Irina**; **Aydinyan, Sofiya**; Kharatyan, Suren JTACC+V4 2025 : 4th Journal of Thermal Analysis and Calorimetry Conference & 10th V4 (Joint Czech-Hungarian-Polish-Slovak) Thermoanalytical Conference : Book of Abstracts 2025 / p. 179 <https://static.akcongress.com/downloads/jtacc/jtacc2025/jtacc2025-boa.pdf>

HILIC-LC-MS method for determination of carbohydrates in various food matrices

Pismennõi, Dmitri; Kobrin, Eeva-Gerda; Kütt, Mary-Liis; **Vilu, Raivo** Book of abstracts : 10th International Symposium on Recent Advances in Food Analysis : September 6–9, 2022 : Prague, Czech Republic 2022 / p. 337

<https://www.rafa2022.eu/pdf/Book%20of%20Abstracts%20RAFA%202022.pdf>

How different geometrical factors influence on ECD spectra of porphyrin-based supramolecules

Osadchuk, Irina 8th international conference on vibrational optical activity (VOA8) : book of abstracts 2024 / p. 76

https://www.mertenlab.de/wp-content/uploads/2024/08/VOA8_book_of_abstracts.pdf

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 / EGU23-

1657 <https://doi.org/10.5194/egusphere-egu23-1657> <https://meetingorganizer.copernicus.org/EGU23/EGU23-1657.html>

How is sustainability perceived in the context of plant-based alternatives?

Vaikma, Helen; Kern, M.; Tvardik, N.; **Rosenvald, Sirli;** Dreyfuss, L.; Almlí, V.; Harwood, W.; McEwan, J.A. Pangborn 2023: 15th

Pangborn Sensory Science Symposium, Nantes, France, 20-24 August 2023 <https://www.pangbornsymposium.com/conference-programme.html>

How metal pollution affects antimicrobial resistance in droplets

Gonzalez, David; Kacsor, Daniel; Bartkova, Simona; Scheler, Ott EcoBalt2025 : Book of abstracts 2025 / lk. 66

https://ecobalt.ftmc.lt/wp-content/uploads/2025/10/EcoBalt2025_Book_of_Abstacts_V1-cor1_2025-10-24.pdf

Hull-less barley sourdough bread: composition of polysaccharides and technological characteristics

Reidzane, Sanita; Gramatina, Ilze; Galoburda, Ruta; Komasilovs, Vitalijs; Zacepins, Aleksejs; **Bljahhina, Anastassia;** Kince, Tatjana;

Traksmaa, Anna; Klava, Dace 16th Baltic Conference on Food Science and Technology "Traditional meets non-traditional in future food" : FOODBALT 2023 : Book of abstracts 2023 / p. 83

https://conferences.llu.lv/sites/llucs/files/conferences/foodbalt_2023/menu_attachments/FoodBalt_2023_Abstract_book.pdf

Hydraulic modelling challenges of river-basin restoration channels in some Estonian rivers

Laanearu, Janek 10th International Symposium on Environmental Hydraulics 2024 : book of abstracts 2024 / 2 p

Hydraulic modelling of interfacial processes for two-layer maximal exchange

Laanearu, Janek; Cuthbertson, Alan Proceedings of the 7th Europe Congress of the International Association for Hydro-environment

Engineering and Research (IAHR), Athens, Greece, September 7 – 9, 2022 : Abstrack Book 2022 / p. 305-306

<https://www.erasmus.gr/microsites/1227/book-of-abstracts>

Hydrochemical patterns established in the Pleistocene preserved in the Ordovician-Cambrian aquifer system, northern Baltic Artesian Basin

Pärn, Joonas; Raidla, Valle; **Vaikmäe, Rein; Martma, Tõnu; Ivask, Jüri; Kaup, Enn;** Walraevens, K.; van Camp, M.; Aeschbach,

A. International Symposium on Isotope Hydrology: Advancing the Understanding of Water Cycle Processes, CN-271 : 20-24 May

2019, Vienna, Austria 2019 <https://www.iaea.org/events/international-symposium-on-isotope-hydrology-2019>

Hydrogen post-treatment enhances the electrochemical activity of Pt-CeO₂/C catalysts

Nguyen, Huy Quí Vinh; Kasuk, Heili; Härmäs, Meelis; Aruväli, Jaan; **Volobujeva, Olga;** Härk, Eneli; Kochovski, Zdravko; Lust, Enn;

Nerut, Jaak 8th Baltic Electrochemistry Conference. Conference Abstract 2024 / 1 p. [https://sisu.ut.ee/wp-](https://sisu.ut.ee/wp-content/uploads/sites/638/nguyen_huy_qui_vinh_.pdf)

[content/uploads/sites/638/nguyen_huy_qui_vinh_.pdf](https://sisu.ut.ee/wp-content/uploads/sites/638/nguyen_huy_qui_vinh_.pdf)

Hydroxamic acids as potential antidotes for op poisoning

Bondar, Denys; Karpichev, Yevgen Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference :

abstracts 2022 / 10 | [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](https://www.gsfmt.eu/abstracts-2022/)

Ice binding proteins from psychrophilic bacteria: characterization and applications in food

Luhila, Önnela; Laos, Katrin; Paalme, Toomas 16th Baltic Conference on Food Science and Technology "Traditional meets non-

traditional in future food" : FOODBALT 2023 : Book of abstracts 2023 / p. 15

https://conferences.llu.lv/sites/llucs/files/conferences/foodbalt_2023/menu_attachments/FoodBalt_2023_Abstract_book.pdf

Ice-binding proteins in psychrophilic bacteria – isolation, characterization, and applications in food

Luhila, Önnela; Paalme, Toomas; Laos, Katrin IBP 2022 2022

<https://docs.google.com/document/d/1XIsPAG9dVeX6luVaBMAM08F7Q50ktrdh/edit>

Identification of bitter off-taste compounds in sunflower press cake using sensomics approach

Huseynli, Lachinkhanim; Hald, Christoph; Dawid, Corinna; **Vene, Kristel** 16th Baltic Conference on Food Science and Technology

"Traditional meets non-traditional in future food" : FOODBALT 2023 : Book of abstracts 2023 / p. 128

https://conferences.llu.lv/sites/llucs/files/conferences/foodbalt_2023/menu_attachments/FoodBalt_2023_Abstract_book.pdf

Impact of human activity and fire on vegetation, hydrology, and carbon accumulation in Mustjärve bog, Northwest Estonia (PEATFLAMES)

Roberts, Harry; Andrews, Luke; **Amon, Leeli; Heinsalu, Atko;** Kołaczek, Piotr; Marcisz, Katarzyna; Słowiński, Michał; Stivrīnš,

Normunds; **Veski, Siim;** Lamentowicz, Mariusz EGU General Assembly 2024 2024 / EGU24-8157 [https://doi.org/10.5194/egusphere-](https://doi.org/10.5194/egusphere-egu24-8157)

[egu24-8157](https://doi.org/10.5194/egusphere-egu24-8157)

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

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

In water and on land forward and backward spatiotemporal gait characteristics

Monoli, Cecilia; Galli, Manuela; Tuhtan, Jeffrey Andrew 8th Congress of the European Society of Biomechanics, July 9-12, 2023, Maastricht, the Netherlands 2023
https://www.researchgate.net/publication/372419899_IN_WATER_AND_ON_LAND_FORWARD_AND_BACKWARD_SPATIOTEMPORAL_GAIT_CHARACTERISTICS

In Vitro and Ex Vivo experiments of vascular calcification

Holmar, Jana; Noels, Heidi; Jankowski, Joachim; Orth-Alampour, Setareh Nephrology Dialysis Transplantation 2021 / p. 1
<https://doi.org/10.1093/ndt/gfab086.0021>

Indicators of occupational health and safety policies in EU countries under military and epidemiological threats : a scoping review

Demikhov, Oleksii; Taraniuk, Leonid; Salmistu, Sirle; Demikhova, Nadiia; Merisalu, Eda Biosystems engineering : book of abstracts 2025 / p. 31 [Biosystems Engineering \(PDF\)](#)

Inexpensive fluorene-based hole transporting material with terminated thiophene unit for efficient semi-transparent Sb2S3 solar cells

Jegorove, Aiste; Mandati, Sreekanth; Juneja, Nimish; Katerski, Atanas; Vembris, Aivars; Grzibovskis, Raitis; Getautis, Vytautas; Dedova, Tatjana; Magomedov, Artiom; Spalatu, Nicolae; Karazhanov, Smagul; Krunks, Malle; Oja Acik, Ilona Proceedings of International Conference on Hybrid and Organic Photovoltaics (HOPV22), València, Spain, 2022 May 19th - 25th 2022
<https://www.nanoge.org/proceedings/HOPV22/62596b7159d9502382511011>

Influence of non-refrigerated urine storage time on stability of urine particles

Pikta, Marika; Kleinson, Inge; Titova, Tatjana; Mishalagina, Polina; Dovgi, Jelena XVII Baltic Congress of Laboratory Medicine, September 5-7, 2024, Vilnius 2024 / p. 34 https://zurnalas.lmd.lt/sites/default/files/leidinys_balm_2024_spec_redaguotas.pdf

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>

An initiative for a European Height Reference Surface

Schwabe, Joachim; Sacher, Martina; Liebsch, Gunter; Lidberg, Martin; Denker, Heiner; Ågren, Jonas; Alfredsson, Anders; Barzaghi, Riccardo; Ellmann, Artu; Varbla, Sander XXVIII General Assembly of the International Union of Geodesy and Geophysics (IUGG) 2023 <https://doi.org/10.57757/IUGG23-2451>

Insights on the tectonic styles across Estonia using satellite potential fields derived from WGM-2012 gravity data and EMAG2 magnetic data

Solano-Acosta, Juan David; Soesoo, Alvar; Hints, Rutt EGU General Assembly 2022 2022 / EGU22-11398
<https://doi.org/10.5194/egusphere-egu22-11398>

Instability of low-moisture carrageenans as affected by water vapor sorption at moderate storage temperatures : [conference paper]

Friedenthal, Margus; Eha, Kairit; Kaleda, Aleksei; Part, Natalja; Laos, Katrin 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 116
https://tftak.eu/foodbalt/assets/files/Foodbalt_Book_of_Abstacts.pdf

Instantaneous sea surface height prediction using satellite altimetry and deep learning

Rajabi-Kiasari, Saeed; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu Living Planet Symposium (LPS25) 2025
<https://lps25.esa.int/>

Integrating satellite altimetry and deep learning for enhanced sea level forecasting

Rajabi-Kiasari, Saeed; Delpeche-Ellmann, Nicole Camille; Ellmann, Artu EGU General Assembly 2025 2025 / art. EGU25-9951
<https://meetingorganizer.copernicus.org/EGU25/EGU25-9951.html> <https://doi.org/10.5194/egusphere-egu25-9951>

Interactions of medical drugs with DNA nucleobases and base pairs

Tamm, Toomas; Öztürk, Isilay; Kinal, Armagan ICQC 2023 : International Congress of Quantum Chemistry : Book of Abstracts 2023 / art. PC112/503 <https://icqc2023.org/wp-content/uploads/BOA-27-6-v1.pdf>

Interfacial mixing of the stratified flow in the trapezoidal-shape channel with presence of background vorticity

Laanearu, Janek; Kaur, Katrin; Malcangio, Daniela 8th IAHR Europe Congress "Water - across boundaries" : book of abstracts 2024 / p. 177-178 https://www.iahr2024.inec.pt/_files/ugd/366a17_38aaf3e046644a339de05fee8f280f7a.pdf

Interventions in occupational therapy to support women with impaired physical mobility during pregnancy and postpartum period

Merits, Marika; **Lubi, Kadi**; Aavik, Anneliis International and Interdisciplinary Conference Empowerment of Public Health, Health Care and Wellbeing - Education, Research, and Practice : November 10, 2022 : conference proceedings 2022 / p. 16
https://ttk.ee/sites/ttk.ee/files/Abstract_book_conference_NOV_12.pdf https://www.ester.ee/record=b5525135*est

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

Ionic liquids recycling

Krasnou, Illia; Krumme, Andres Baltic Polymer Symposium, BPS2023 : programme and abstracts 2023 / p. 17

Is the Estonian Alutaguse Section of Eastern Fennoscandia a continuation of the Southern Svecofennian Finnish Terranes, or is it akin to the Swedish Bergslagen region?

Solano Acosta, Juan David; Soesoo, Alvar; Hints, Rutt; Graul, Sophie Jane Marie-Pascale Huguet EGU General Assembly 2025 2025 / art. EGU25-7212
https://www.researchgate.net/publication/391064063_Is_the_Estonian_Alutaguse_Section_of_Eastern_Fennoscandia_a_continuation_of_the_Southern_Svecofennian_Finnish_Terranes_or_is_it_akin_to_the_Swedish_Bergslagen_region <https://doi.org/10.5194/egusphere-egu25-7212>

Isosorbide-based polymers as alternatives to conventional plastics

Matt, Livia; Laanesoo, Siim; Bonjour, Olivier; **Parve, Jaan; Parve, Omar**; Pehk, Tõnis; Pham, Thanh Huong; Liblikas, Ilme; Jannasch, Patric; Vares, Lauri Abstract from Baltic Polymer Symposium 2022, Tallinn, Estonia 2022 <https://taltech.ee/en/BPS2022>

Iterative data assimilation approach for the refinement of marine geoid models using sea surface height and dynamic topography datasets : [conference paper]

Varbla, Sander; Ellmann, Artu XXVIII General Assembly of the International Union of Geodesy and Geophysics (IUGG) 2023 <https://doi.org/10.57757/IUGG23-0253>

Iterative refinement of regional marine geoid models using sea surface height and dynamic topography datasets

Varbla, Sander; Ellmann, Artu Nordic Geodetic Commission General Assembly 2022 in Copenhagen : Poster Session 2022 / 38 I. <https://medialib.cmcdn.dk/medialibrary/010C1367-E991-4A33-AB10-1953247E9C23/530AEABD-3A25-ED11-84B6-00155D0B0940.pdf>

A journey for the development of a highly active ptcec(cr3c2) catalyst: material selections, synthesis optimization and electrical measurements for methanol oxidation and oxygen reduction

Nguyen, Huy Quí Vinh; Nerut, Jaak; Kasuk, Heili; Thomborg, Thomas; Härmä, Meelis; Härmä, R.; Koppel, Miriam; Teppor, Patrick; Külaviir, Marian; Aruväli, Jaan; **Volobujeva, Olga**; Lust, Enn GSFMT Scientific Conference 2023 : Tartu, 23-24 May, 2023 : abstracts 2023 <https://fmdtk.ut.ee/programm-2023/>

K2- step-by-step protocol for performing in vitro and ex vivo experiments of vascular calcification

Holmar, Jana; Noels, Heidi; Jankowski, Joachim; Orth-Alampour, Setareh The International Journal of Artificial Organs 2021 <https://doi.org/10.1177%2F03913988211038230>

Kerox technology: potential of piloting the production of medium chain dicarboxylic acids from kerogen in a continuous flow oxidation reactor

Reinaas, Maria; Kaldas, Kristiina; Muldma, Kati; Uustalu, Jaan Mihkel; Koern, Villem Ödner; Siirde, Kaarel; Silm, Estelle; Mets, Birgit; Kimm, Mariliis; Rõuk, Kristi Future Frontiers : PhD Conference on Emerging Technologies : Book of Abstracts 2025 / p. 29 ; poster 20 https://tuit.ut.ee/sites/default/files/2025-05/PhD%20Conference%202025%20Book%20of%20Abstracts_pub3.pdf

Kerox technology: potential of piloting the production of medium chain dicarboxylic acids from kerogen in a continuous-flow oxidation reactor

Reinaas, Maria; Kaldas, Kristiina; Muldma, Kati; Uustalu, Jaan Mihkel; Koern, Villem Ödner; Siirde, Kaarel; Silm, Estelle; Mets, Birgit; Kimm, Mariliis; Rõuk, Kristi Future Frontiers : PhD Conference on Emerging Technologies : Book of Abstracts 2025 / p. 29 [Future Frontiers \(PDF\)](#)

Key aspects of industrial fabrication of carbon based ionic capacitive laminates

Kaasik, Friedrich; Jürgens, M.; Lust, Enn; Aabloo, Alvo; Baranova, Inna; Basant, Martin Z.; Hantel, Moritz M.; Johanson, Urmas; Kiefer, Rudolf; **Koel, Mihkel**; Peikola, Anna-Liisa Future Frontiers : PhD Conference on Emerging Technologies : Book of Abstracts 2025 / p. 33 ; oral 22 https://tuit.ut.ee/sites/default/files/2025-05/PhD%20Conference%202025%20Book%20of%20Abstracts_pub3.pdf

Kibersigurnost u pomorstvu - MariCybERA projekat

Bauk, Sanja XVI međunarodni naučno-stručni skup Informacione Tehnologije za e-Obrazovanje : ITeO : zbornik radova 2024 / p. 8 https://iteo.rs.ba/sites/default/files/ITeO_Zbornik%20radova%202024%20%281%29.pdf

Kinetic study of desulfurization over a metal organic framework based on complex reaction theory

Barghi, Bijan; Möistlik, Tanel; Raag, Anastassia GSFMT Scientific Conference 2023 : Tartu, 23-24 May, 2023 : abstracts 2023 / 1

p <https://fmtdk.ut.ee/programm-2023/>

Kust tulek, kuhu minek - filosoofia s(t)aatusest tehnikaülikoolis

Pevkur, Aive Eesti filosoofia aastakonverents 2023 : ettekannete teesid 2023 / lk. 2 <https://docs.google.com/document/d/1-oXg3lAbfCbqm72u8MK7F4ASNAXT0hRI/edit?pli=1>

LA-ICP-MS imaging technique application on Estonian sedimentary phosphorites : revealing REE enrichment stages and advanced ore characterisation

Graul, Sophie; Monchal, Vincent; Rateau, Rémi; Joosu, Lauri; Moilanen, Marko; **Ndiaye, Mawo**; **Hints, Rutt** EGU General Assembly 2024 2024 / EGU24-7319 <https://doi.org/10.5194/egusphere-egu24-7319>

LC-MS profiling of dynamic covalent library during mono-biotinylated hemicucurbit[8]uril solid-state synthesis

Jarg, Tatsiana; **Suut-Tuule, Elina**; **Ustrnul, Lukas**; **Kananovich, Dzmitry**; **Aav, Riina** Balticum Organicum Syntheticum (BOS 2024) : Book of Abstracts 2024 / art. P44, p. 63 https://boschem.eu/bos2024/wp-content/uploads/sites/5/2024/07/BOS2024_Abstract-Book.pdf

Leibniz and the Calculus Notation

Mürsepp, Peeter XXXI Baltic Conference on the History and Philosophy of Science : Scientific Instruments in History and Philosophy of Science, Technology and Medicine : Abstracts 2024 / p. 15-16 <https://www.bahps.org/index.htm>

Leibniz's universal language, the three strategies

Mürsepp, Peeter 17th CLMPST Buenos Aires : International Congress of Logic Methology and Philosophy of Science 2023 / p. 91 https://drive.google.com/file/d/1I4JlJtkL8gSLol_TsyQA37iL5VYz8hIz/view

Life path lessons of children in closed childcare institution service in Estonia : experiences and practices related to interprofessional collaboration based

Saia, Koidu Effective justice project conference : booklet with abstracts 2024 / p. 26-28 <https://www.effective-justice.com/post/effective-justice-project-conference-booklet-with-abstracts>

Lignin valorization via chloromethylation as a versatile approach towards sustainable materials

Mohan, Mahendra Kothottil; **Karpichev, Yevgen** Baltic Polymer Symposium 2025 : 23d International Scientific Conference BPS 2025 "Baltic Polymer Symposium 2025" : Book of abstracts 2025 / p. 38 <http://woodval.taltech.ee/wp-content/uploads/2025/07/BPS2025-Book-of-abstracts.pdf>

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

Logics of skew categorical structures

Uustalu, Tarmo; **Veltri, Niccolo**; **Wan, Cheng-Syuan** Logic4Peace : fundraising online logic event for peace, April 22-23, 2022 : book of abstracts 2022 / p. 81-82 https://events.illc.uva.nl/Logic4Peace/uploaded_files/inlineitem/slides/Uustalu-et-al_L4P-slides.pdf

Lower and Middle Ordovician bio- and chemostratigraphy of the Aizpute-41 drill core, Latvia

Lieffroy, Thibaud; Ainsaar, Leho; **Männik, Peep**; Meidla, Tõnu; **Nõlvak, Jaak**; **Hints, Olle** XI Baltic Stratigraphical Conference : abstracts and field guide 2024 / p. 22 https://www.ester.ee/record=b5696260*est <https://files.geocollections.info/71c8154a-ede7-4a3a-9989-88de5c5848f6.pdf>

Maailm pole enam endine : maavarad maailmavalitsejate meelevaldas

Puura, Erik Teie teenistuses : Geoloogid ühiskonna heaks : aprillikonverentsi teeside kogumik 2025

Maapõueressursid ringluses – kuidas läheb nende ringmajandamisega?

Aav, Riina Kliimast, geoloogiast, ringmajandusest ja ajaloost 2024 / lk. 11 : ill https://www.ester.ee/record=b5673955*est <https://kirjandus.geoloogia.info/reference/49110>

Maavarade allmaa märgrikastamine

Väli, Erik Kuhu rändab Eesti geoloogia? : aprillikonverentsi teeside kogumik 2024 / lk. 23-24 https://www.ester.ee/record=b5552673*est

Machine learning Forecasting of Absolute Dynamic Topography in the Baltic Sea

Rajabi-Kiasari, Saeed; **Delpeche-Ellmann, Nicole Camille**; **Ellmann, Artu** Nordic Geodetic Commission General Assembly 2022 in Copenhagen : Poster Session 2022 / 36 l. <https://medialib.cmcdn.dk/medialibrary/010C1367-E991-4A33-AB10-1953247E9C23/530AEABD-3A25-ED11-84B6-00155D0B0940.pdf>

Machine vision for automated collaborative robot programming in manufacturing industrial factories

Ahmadilivani, Mohammad Hasan; **Karatopuk, Emre**; **Roots, Marten**; **Raik, Jaan** Smart machines and systems at the service of mankind : Abstracts of the 12th annual entrepreneurship and innovation conference 2024 / p. 10 <https://conference.euas.eu/2024/wp-content/uploads/2024/10/ConferenceProceedings2024-1.pdf> https://www.ester.ee/record=b5705417*est

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

Mechanical properties of fire damaged and bark beetle (*Ips typographus*) attacked Norway spruce (*Picea abies*) wood

Kaljula, Laura; Põdra, Mikk; Poltimäe, Triinu; Just, Alar; Kers, Jaan Baltic Polymer Symposium 2025 : 23d International Scientific Conference BPS 2025 "Baltic Polymer Symposium 2025" : Book of abstracts 2025 / p. 67 <http://woodval.taltech.ee/wp-content/uploads/2025/07/BPS2025-Book-of-abstracts.pdf>

Mechanochemical barbiere-type grignard addition reactions of organic halides

Nallaparaju, Jagadeesh Varma; Dalidovich, Tatsiana; Aav, Riina; Kananovich, Dzmitry Balticum Organicum Syntheticum (BOS 2022) : program and abstract book 2022 / p. 133 [Kogumik](#)

Mechanochemical birch reduction with low reactive alkaline earth metals : [abstract]

Satsi, Riin; Nallaparaju, Jagadeesh Varma; Aav, Riina; Kananovich, Dzmitry Balticum Organicum Syntheticum (BOS 2024) : Book of Abstracts 2024 / art. 117, p. 136 https://boschem.eu/bos2024/wp-content/uploads/sites/5/2024/07/BOS2024_Abtract-Book.pdf

Mechanochemical C–N Bond formation : From imatinib to macrocycles

Aav, Riina INCOME 2025 : Book of Abstracts 2025 / p. 43 https://www2.hu-berlin.de/income2025-berlin/INCOME2025_Program_abstracts.pdf

Mechanochemical c–n bond forming reactions in the synthesis of active pharmaceutical ingredients

Kudrjašov, Artjom; Dalidovich, Tatsiana; Kudrjašova, Marina; Kananovich, Dzmitry; Aav, Riina Balticum Organicum Syntheticum (BOS 2022) : program and abstract book 2022 / p. 106 [Kogumik](#)

Mechanochemical synthesis of new mono-functionalized cyclohexanohemicucurbit[8]uril

Suut, Elina; Shalima, Tatsiana; Kananovich, Dzmitry; Aav, Riina Balticum Organicum Syntheticum (BOS 2022) : program and abstract book 2022 / p. 157 [Kogumik](#)

Metabolic engineering of *Rhodotorula toruloides* for astaxanthin production using Golden Gate Assembly Platform

Lipova, Inna; Gavrilovic, Srdjan; Bonturi, Nemailla; Lahtvee, Petri-Jaan Yeast 2023 : ICYGB31 : 31st International Conference on Yeast Genetics and Molecular Biology, Florence, Italy, 20-25 august, 2023 : Book of abstracts 2023 / p. 257
<https://files.spazioweb.it/ed/08/ed0856fe-fa38-4015-93c9-561144f5b608.pdf>

Metabolic regulation of acetyl-CoA and NADPH production pathways in *Rhodotorula Toruloides*

Rekena, Alina; Gavrilovic, Srdjan; Lahtvee, Petri-Jaan Metabolic Engineering 16 (ME16) : conference proceedings 2025 / art. 706872 <https://aiche.confex.com/aiche/me16/meetingapp.cgi/Paper/706872>

A methodological framework for redesigning business processes with large language models

Koppel, Tarmo Smart machines and systems at the service of mankind : Abstracts of the 12th annual entrepreneurship and innovation conference 2024 / p. 13 <https://conference.euas.eu/2024/wp-content/uploads/2024/10/ConferenceProceedings2024-1.pdf>
https://www.ester.ee/record=b5705417*est

Methylation of phenols

Silm, Estelle; Närep, Angelica; Kimm, Mariliis; Kaldas, Kristiina; Lopp, Margus Balticum Organicum Syntheticum (BOS 2024) : Book of Abstracts 2024 / art. 126, p. 145 https://boschem.eu/bos2024/wp-content/uploads/sites/5/2024/07/BOS2024_Abtract-Book.pdf

Microfossil response to the late Silurian Lau Event in the Bebirva-111 drill core, Lithuania

Männik, Reet; Ainsaar, Leho; Männik, Peep; Meidla, Tõnu; Radzevičius, Sigita; Hints, Olle XI Baltic Stratigraphical Conference : abstracts and field guide 2024 / p. 26 https://www.ester.ee/record=b5696260*est <https://files.geocollections.info/a04739ce-19ee-406b-a2f8-7b7e299dd209.pdf>

Microplastics and microbes: exploring aggregation and antibiotic susceptibility in microdrops

Bartkova, Simona; Olman, Triini; Loog, Saari Anete; Saar-Abroi, Merili; Kacsor, Daniel; Gonzalez, David; Scheler, Ott EcoBalt2025 : Book of abstracts 2025 / p. 62 https://ecobalt.ftmc.lt/wp-content/uploads/2025/10/EcoBalt2025_Book_of_Abtracts_V1-cor1_2025-10-24.pdf

Microplastics and plasticizers in Estonian wastewater treatment plants

Ayankunle, Ayankoya Yemi; Buhhalko, Natalja; Pachel, Karin; Lember, Erki; Heinlaan, Margit PRIMO22 : book of abstracts 2024 / p. 154 https://primo22.org/wp-content/uploads/2024/05/PRIMO22-Book_of_abstracts.pdf

Microplastics in influents and effluents of Estonian wastewater treatment plants

Ayankunle, Ayankoya Yemi; Buhhalko, Natalja; Lukjanova, Aljona; Pachel, Karin; Lember, Erki; Heinlaan, Margit Proceedings 2023 / art. 55 <https://doi.org/10.3390/proceedings2023092055>

Microstructural and thermal investigations of natural fluorapatite vialong time tribochemical activation

Petkova, Vilma; Mihaylova, K.; Serafimova, Ekaterina; Tzvetanova, Y.; **Kaljuvee, Tiit; Tõnsuaadu, Kaia** JTACC+V4 2025 : 4th Journal of Thermal Analysis and Calorimetry Conference & 10th V4 (Joint Czech-Hungarian-Polish-Slovak) Thermoanalytical Conference : Book of Abstracts 2025 / p. 428-429 <https://static.akcongress.com/downloads/jtacc/jtacc2025/jtacc2025-boa.pdf>

Microstructural investigation of ni-based high temperature self-lubricating laser claddings containing sulfides of nickel, copper or bismuth

Kumar, Rahul, 1993-; Torres, Hector; Rodríguez Ripoll, Manel; **Antonov, Maksim; Hussainova, Irina** Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / 31 I. [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](https://www.gsfmt.org/Graduate_School_of_Functional_Materials_and_Technology_(GSFMT)_Scientific_Conference_2022)

Microstructure and mechanical properties of HEA alloys fabricated by selective laser melting of powder mixtures

Karimi, Javad; Prashanth, Konda Gokuldoss GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 24 https://fntdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

Mineral Exploration of the Senegalese Grande Cote heavy minerals placer: QEMSCAN characterisation of Fe-Ti oxides for ore modelling

Kanzari, Aisha; **Graul, Sophie Jane Marie-Pascale Huguette**; Delaporte, Arthur; **Hints, Rutt**; Blancher, Simon Mineral Exploration of the Senegalese Grande Cote heavy minerals placer: QEMSCAN characterisation of Fe-Ti oxides for ore modelling 2024 / 2 p. <https://doi.org/10.5194/egusphere-egu24-19227>

MIP-based electrochemical sensors detecting antibiotics and fungicides as emerging contaminants in aqueous environments

Nguyen, Vu Bao Chau; Ayankojo, Akinrinade George; Reut, Jekaterina; Sõritski, Vitali 11th international workshop on surface modification for chemical and biochemical sensing : program and the book of abstracts 2023 / p. 78

Mixed cultures, a sustainable way to accelerate phytomining of rare earth elements, is there a future here?

Monei, Nthathi Lilian; Wiche, Oliver; **Hitch, Michael William**; Heilmeier, Hermann EGU General Assembly 2021 2021 / art. EGU21-13690 <https://doi.org/10.5194/egusphere-egu21-13690>

Modal embeddings and calling paradigms

Santo, José Espírito; Pinto, Luis; Uustalu, Tarmo Days in Logic 2022 : Universidade do Algrave, June 30-July 2, 2022 2022 / 20 p <https://drops.dagstuhl.de/opus/volltexte/2019/10525/pdf/LIPlcs-FSCD-2019-18.pdf> <https://daysinlogic2022.ualg.pt/wp-content/uploads/2022/06/BookletDIL2022.pdf>

Modelling of odour dispersion from multiple point sources

Palmiste, Ülar; Kurnitski, Jarek; Laanearu, Janek IX International Symposium on Stratified Flows : abstracts 2022 / p. 77 https://www.dropbox.com/s/em57tmgs3ivcv5a/Abstract_book_Opt.pdf?dl=0

Modernization of construction as-built surveying documentation

Jerjomina, A.; **Varbla, Sander**; Hion, T.; **Ellmann, Artu** Current problems in engineering surveying abstracts of XVI International Science and Technology Conference 2023 / p. 15

Molecularly imprinted polymer as a selective recognition element for detection of azoxystrobin in aqueous media

Nguyen, Vu Bao Chau; Reut, Jekaterina; Sõritski, Vitali Baltic Polymer Symposium, BPS2023 : programme and abstracts 2023 / p. 28 [Molecularly imprinted polymer as a selective recognition element for detection of azoxystrobin in aqueous media](https://www.bps2023.eu/Molecularly_imprinted_polymer_as_a_selective_recognition_element_for_detection_of_azoxystrobin_in_aqueous_media)

Molecularly imprinted polymer-based electrochemical sensor for detection of azoxystrobin in aqueous media

Nguyen, Vu Bao Chau; Reut, Jekaterina; Sõritski, Vitali Graduate school of functional materials and technologies scientific conference 2023 2023 / 1 p <http://fntdk.ut.ee/wp-content/uploads/2023/05/Nguyen.pdf>

Multi-dimensional time and innovation ecosystems : a critical realist view

Kalantaridis, Christos; **Küttim, Merle** Academy of Management Proceedings 2024 / art. 10537 <https://doi.org/10.5465/AMPROC.2024.10537abstract>

Multifunctional chiral hydrogen and halogen bond containing catalysts in glycosylation reactions

Miller, Annette; Hunt, Kaarel Erik 13th Paul Walden Symposium : Program and abstracts 2023 / p. 51 https://walden.osi.lv/wp-content/uploads/2023/09/Abstract_book_Walden_2023.pdf

A multivariate-multistep-ahead forecasting of dynamic topography using convolutional encoder-decoder network in the Baltic Sea

Rajabi Kiasari, Saeed; **Delpeche-Ellmann, Nicole Camille; Ellmann, Artu** XXVIII General Assembly of the International Union of Geodesy and Geophysics (IUGG) 2023 / 1 p <https://doi.org/10.57757/IUGG23-1664>

Murtood – uued pinnavormid Eesti merepõhjas

Karpin, Vladimir Kuhu rändab Eesti geoloogia? : aprillikonverentsi teeside kogumik 2023 / lk. 12-13 https://www.ester.ee/record=b5552673*est

Muuseumikollektsioonidel põhinev uurimistöö – olukord praegu ja tulevikus

Isakar, Mare; **Toom, Ursula** Kuhu rändab Eesti geoloogia? : aprillikonverentsi teeside kogumik 2023 / lk. 25

https://www.ester.ee/record=b5552673*est

Nanodiamonds as a platform for biomedical application

Bondar, Denys; Karpichev, Yevgen GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 23

https://fmdtk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

'Natural experiments' reveal patterning logic of the dental development in the most primitive osteichthyan *Lophosteus*

Chen, Donglei; Blom, Henning; Sanchez, Sophie; Tafforeau, Paul; **Märss, Tiit**; Ahlberg, Per E. 16th International Symposium on Early and Lower Vertebrates - Honoring Tiit Märss & Philippe Janvier : conference programme and abstracts : Valencia, Spain, 2022

2022 / p. 21 http://iselv.uv.es/wp-content/uploads/2022/06/Abstract-Book-16ISELV_web.pdf

New antimicrobial CU(II)-polyotungstate/polylactic acid films

Duvanov, Ella; Krasnou, Illia; Knyzhnyk, Ivan; Radio, Serhii V.; **Karpichev, Yevgen** Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / 15 l. [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](#)

New CO₂ and Hydrogen storage site marketing : how to make your storage site unique and attractive? : [abstract]

Šogenov, Kazbulat; Šogenova, Alla Baltic Carbon Forum 2022 / p. 2-3 <https://doi.org/10.21595/bcf.2022.22840>

New maritime technologies - automated, electrical wing-in ground crafts and their practical use cases

Kerem, Kristin; Otsason, Riina Future Frontiers : PhD Conference on Emerging Technologies : Book of Abstracts 2025 / p. 4 ; oral

29 https://tuit.ut.ee/sites/default/files/2025-05/PhD%20Conference%202025%20Book%20of%20Abstracts_pub3.pdf

A new, non-invasive fish backpack biollogger to measure the physical conditions experienced by swimming fish during downstream passage

Wagner, Falko; Busch, Andre; Buysse, David; Hoerner, Stefan; Kenndorf, Moritz; Pouwels, Ine; Rössger, Tom; Roth, Marcio Salgueiro; Schletterer, Martin; Stamm, Jürgen; **Toming, Gert; Tuhtan, Jeffrey Andrew** Fish Passage 2022 : Opportunities and Innovation in a Changing World : 13–16 June 2022 / p. 147

https://fishpassage.fisheries.org/wp-content/uploads/sites/57/2022/08/FPC_Program_YouTube-Links.pdf

NFT-solutions for sustainable entrepreneurship

Gerasimova, Vera; Gerstlberger, Wolfgang Dieter; Prause, Gunnar Klaus IEF20 International Entrepreneurship Forum Conference 2024

Nimi ei riku meest, kuid vää terminikasutus langetab eriala ja spetsialisti mainet

Alver, Jaan; Alver, Lehte Eesti täppiskeelne teadus : X mitmeteaduslik eesti teaduskeele konverents, Tallinn, 5-6. detsember 2024 : lühitutvustused 2024 / lk. 10

https://teaduskeelekeskus.weebly.com/uploads/7/6/0/5/76059873/x_eesti_teaduskeelekonv_l%C3%BChitutvustused_28-11-2024.pdf

Nitrate dynamics and its connection to seasonal groundwater recharge in karst springs of the Sõmeru River catchment, Northern Estonia

Pärn, Joonas; Walraevens, Kristine; van Camp, M.; Koit, Oliver; Ivask, Jüri; Babre, Alise; Mažeika, Jonas; Hunt, Malle; Osjamets, M.; **lital, Arvo**; Kõrgmaa, Vallo; Raidla, Valle; Aeschbach, W.; **Vaikmäe, Rein** XXXI NORDIC HYDROLOGICAL CONFERENCE 2022,

August 15–18, Tallinn, Estonia : abstracts 2022 / 2 p <https://drive.google.com/file/d/1L-CvqmUu1FT8XafXma527iw4t5gAFn2n/view>
https://konverentsikeskus.tlu.ee/sites/konverentsikeskus/files/Konverentsid/NHC2020/List%20of%20Presentations%20NHC2022_08Aug2022.pdf

Novel *Ligilactobacillus salivarius* strains as potential probiotics in *Helicobacter pylori* eradication

Roots, Kaisa; Ventsel, Lilian; Kanistik, I.; **Sarand, Inga**; Suurmaa, Külli; **Spuul, Pirjo** EHMSG – 37th International Workshop on *Helicobacter* & Microbiota in Inflammation & Cancer, Porto, Portugal, September 12-14, 2024 : abstract book 2024 / p. 113

https://doi.org/10.26355/mhd_20249_1023

Novel SiOxNy composite thin films with aligned carbon nanotubes network

Shmagina, Elizaveta; Mikli, Valdek; Bereznev, Sergei GSFMT Scientific Conference 2023 : Tartu, 23-24 May, 2023 : abstracts 2023 <https://fmdtk.ut.ee/programm-2023/>

Novel SiOxNy protective coatings with aligned carbon nanotubes network

Shmagina, Elizaveta; Volobujeva, Olga; Mikli, Valdek; Bereznev, Sergei Symposium E : Carbon- and/or nitrogen-containing thin films and nanomaterials : 40th Anniversary 2023 / art. 00680 <https://srv3.key4events.com/key4register/AbstractList.aspx?e=31&preview=1&ig=-1&ai=1968>

Numerical analysis of air-water stratified flow in pipe with branch junctions

Laanearu, Janek Proceedings of the 40th IAH World Congress (Vienna, 2023) 2023 / p. 3196 - 3204 https://doi.org/10.3850/978-90-833476-1-5_iahr40wc-p0353-cd

Numerical Application of Guided Wave Tomography Based on Full Waveform Inversion for a Pipe Bend

Rasgado Moreno, Carlos Omar; 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/97567>

Numerical assessment of guided wave tomography in a pipe bend based on full waveform inversion

Rasgado Moreno, Carlos Omar; Ratassepp, Madis e-Journal of Nondestructive Testing (eJNDT) 2023 <https://www.ndt.net/?id=28371>

Numerical study of turbulence characteristics of bidirectional flow through a trapezoidal channel

Kaur, Katrin; Malcangio, Daniela; Laanearu, Janek Proceedings of the 7th Europe Congress of the International Association for Hydro-environment Engineering and Research (IAHR), Athens, Greece, September 7 – 9, 2022 : Abstract Book 2022 / p. 287-288 <https://www.erasmus.gr/microsites/1227/book-of-abstracts>

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/>

On pulse propagation in porous visco-elastic felt-like material

Kartofelev, Dmitri; Vuin, Maria Miranda Symposium on the Acoustics of Poro-Elastic Materials 2023 / 46 p. : ill https://sapem2023.matelys.com/proceedings/Kartofelev_etal_SAPEM2023.pdf

On the integrated regional Ordovician correlation charts of Estonia, Latvia and Lithuania

Meidla, Tõnu; Ainsaar, Leho; Hints, Olle; Radzevičius, Sigitas XI Baltic Stratigraphical Conference : abstracts and field guide 2024 / p. 27 https://www.ester.ee/record=b5696260*est <https://files.geocollections.info/e43a1c1e-5343-4356-afea-b40a758e7009.pdf>

On thermal stability of amine and carboxylic acid-based protic ionic liquids

Kaljusmaa, Liisa-Maria; Adamson, Jasper; Järvik, Oliver Book of Abstracts of the 7th International Conference on Ionic Liquid-Based Materials 2023 / p. 97 <https://ilmat2023.events.chemistry.pt/book-of-abstracts>

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>

Opportunity charging as a solution for high-demand areas

Anniste, Hans; Vinnikov, Dmitri; Blinov, Andrei Future Frontiers : PhD Conference on Emerging Technologies : Book of Abstracts 2025 / p. 21 ; poster 12 https://tuit.ut.ee/sites/default/files/2025-05/PhD%20Conference%202025%20Book%20of%20Abstracts_pub3.pdf

Organic carbon isotope and conodont bio-chemostratigraphy of the base telychian (silurian) global boundary stratotype section and point (gssp), Cefn Cerig, Wales

McAdams, Neo; Cramer, Bradley; Davies, Jeremy R.; Männik, Peep; Bancroft, Alyssa M. Geological Society of America Abstracts with Programs, vol 53, no. 6 2021 / paper no. 177-6 <https://doi.org/10.1130/abs/2021AM-370197>

Organocatalytic glycosylation reactions with phosphate donor

Tali, Kerli; Kanger, Tõnis Balticum Organicum Syntheticum (BOS 2024) : Book of Abstracts 2024 / art. P132, p. 151 https://boschem.eu/bos2024/wp-content/uploads/sites/5/2024/07/BOS2024_Abstract-Book.pdf

The origin and pathogenicity of Helicobacter pylori strains in Estonia

Roots, Kaisa; Truu, Liisa; Suurmaa, Külliki; Sarand, Inga; Spuul, Pirjo EHMSG – 38th International Workshop on Helicobacter & Microbiota Study Group, Rome, Italy, sept. 11-13, 2025 : abstract book 2025 / p. 67 <https://www.microbiotajournal.com/wp-content/uploads/sites/7/2025/09/Book-Abstracts-2025-1.pdf> http://doi.org/10.26355/mhd_20259_1347

Oxidation of aqueous bisphenols A and S by pulsed corona discharge : impacts of process control parameters and oxidation products identification : [conference paper]

Tikker, Priit; Nikitin, Dmitri; Preis, Sergei MonGOS International Conference Water and Sewage in the Circular Economy Model : abstract book 2022 / p. 69 <https://www.researchgate.net/publication/362102748>

Oxidation of aqueous dexamethasone solution by gas-phased pulsed coronadischarge

Onga, Liina; Kattel-Salusoo, Eneliis; Trapido, Marina; Preis, Sergei MonGOS International Conference Water and Sewage in the Circular Economy Model : abstract book 2022 / p. 70 <https://www.mongos-conference.eu/>

Oxidation of dexamethasone by photochemical processes in aqueous matrices : a comparative study

Onga, Liina; Kattel-Salusoo, Eneliis; Dulova, Niina GEET International Conference : Green Energy and Environmental Technology : Abstract Book 2022 <https://scik.eu/Rome2022/GrAbBo.php>

Oxidative degradation of vancomycin by UV and pulsed corona discharge in combination with oxidants: hydrogen

peroxide, peroxymonosulfate and peroxydisulfate

Nikitin, Dmitri; Kaur, Balpreet; **Preis, Sergei;** **Dulova, Niina** GEET International Conference : Green Energy and Environmental Technology : Abstract Book 2022 / 1 l. <https://scik.eu/Rome2022/GrAbBo.php>

Palaeoecology of floian and dapingian (Ordovician) chitinozoans in South China

Liang, Yan; **Hints, Olle;** Luan, Xiaocong; Servais, Thomas; **Nölvak, Jaak;** Tang, Peng; Wu, Rongchang The Fossil Week : Abstract Book : 5th International Palaeontological Congress: IPC5 2018 : Paris, 9th-13th July, 2018 2018 / p. 850
https://ipc5.sciencesconf.org/data/IPC5_Abstract_Book.pdf

Pectin extraction and characterization from different biomasses

Taniel, Annabel; **Vaher, Merike;** **Jõul, Piia** EcoBalt2025 : Book of abstracts 2025 / p. 48 https://ecobalt.ftmc.lt/wp-content/uploads/2025/10/EcoBalt2025_Book_of_Abstacts_V1-cor1_2025-10-24.pdf

Persulfate contribution to photolytic and pulsed corona discharge oxidation of metformin and tramadol in water : [conference paper]

Nikitin, Dmitri; Kaur, Balpreet; **Preis, Sergei;** **Dulova, Niina** Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / p. 44 [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](https://www.gsfmt.eu/abstracts/2022/Abstracts-2022.pdf)

Photocatalytic oxidation of VOCs AS individual air pollutants and in mixtures on the TiO₂ thin films

Sydorenko, Jekaterina; **Mere, Arvo;** **Krunks, Malle;** **Kritševskaja, Marina;** **Oja Acik, Ilona** Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / 58 l. [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](https://www.gsfmt.eu/abstracts/2022/Abstracts-2022.pdf)

Plant based proteins - Bitter or not bitter?

Metsoja, Grete; **Vaikma, Helen;** Rosenvald, Sirli EuroSense 2022 : Tenth European Conference on Sensory and Consumer Research, 13 - 16 September 2022, Turku, Finland 2022 / 1 p

Plastic contamination in Estonia: novel plasticizers and microplastics in Estonian wastewater treatment plants

Heinlaan, Margit; **Ayankunle, Ayankoya Yemi;** **Vija, Heiki;** **Buhhalko, Natalja;** **Lember, Erki;** **Pachel, Karin** The Gulf of Finland and Eastern Baltic Sea Science Days 2023 : "The future of our co-operation : A nucleus to transboundary nurture of the marine environment in transition", Estonian Academy of Sciences, Tallinn, 16–17 November 2023 : abstracts 2023 / p. 26-27
<https://www.akadeemia.ee/wp-content/uploads/2023/11/gof-science-days-2023-abstracts-for-web-2.pdf>

Plywood reinforced with volcanic fibre fabric

Kattamanchi, Tanuj; **Kallakas, Heikko;** **Hakonen, Joonas Lauri;** Lõhmus, Rünno Baltic Polymer Symposium 2025 : 23d International Scientific Conference BPS 2025 "Baltic Polymer Symposium 2025" : Book of abstracts 2025 / p. 80
<http://woodval.taltech.ee/wp-content/uploads/2025/07/BPS2025-Book-of-abstracts.pdf>

Point-of-care DOAC dipstick test for screening of DOAC in urine

Pikta, Marika; Örd, Lenna; Märk, Marit; Raidjuk, Leonid; Kostjuk, Jelena; Krause, Karit; Banyas, Valdas; Marandi, Toomas Clinical Chemistry and Laboratory Medicine (CCLM) 2021 / p. W036 <https://doi.org/10.1515/cclm-2021-5021>

Poly(alkanoyl isosorbide methacrylate)s : from amorphous to semicrystalline and liquid crystalline biobased materials

Laanesoo, Siim; Bonjour, Olivier; **Parve, Jaan;** Matt, Livia; **Parve, Omar;** Vares, Lauri; Jannasch, Patric EPF European Polymer Congress 26 June – 1 July 2022 : book of abstracts 2022 / p. 616 : ill https://webadmin.epf2022.org/Amca-Epf2021/media/content/docs/Book_of_abstraks_EPF2022.pdf

Porphyrin-based (chir)optical sensing of amino-functionalized thiourea organocatalysts

Konrad, Nele; Horetski, Matvey; Sihtmäe, Mariliis; Osadchuk, Irina; Truong, Khai-Nghi; **Borovkov, Victor;** **Aav, Riina;** **Kananovich, Dzmitry** Twelfth International Conference on Porphyrins and Phthalocyanines : ICPP-12 : book of abstracts 2022 / p. 393
http://www.icpp-spp.org/img_icpp12/ICPP-12%20BOA.pdf

POS-648 medicines intake influences accuracy of the uremic retention molecules' optical monitoring in spent dialysate : the case of uremic toxin uric acid and paracetamol

Paats, Joosep; Adoberg, Annika; **Arund, Jürgen;** **Fridolin, Ivo;** **Holmar, Jana;** Leis, Liisi; **Pilt, Kristjan;** **Tanner, Risto;** **Uhlén, Nils Fredrik Arne;** **Luman, Merike** Kidney International Reports 2022 / p. S277-S278 : ill <https://doi.org/10.1016/j.ekir.2022.01.681>

Potential of producing medium chain dicarboxylic acids from kerogen in kukersite in a continuous-flow oxidation reactor

Reinaas, Maria; **Kaldas, Kristiina;** **Muldma, Kati;** **Uustalu, Jaan Mihkel;** **Koern, Villem Ödner;** **Siirde, Kaarel;** **Silm, Estelle;** **Mets, Birgit;** **Kimm, Mariliis;** **Rõuk, Kristi** ISCRE 28 Abstracts 2024 / 2 p https://www.iscre28.org/abstracts/abstract_587_517_1.pdf

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>

Practical methods in entrepreneurship education : A study with STEM students

Hammoda, Basel Osama Sayed Ahmed 3E Conference – ECSB Entrepreneurship Education Conference : book of abstracts

The prevention from infection with COVID-19 of students in auditoriums through carbon dioxide measurements - an evidence from Estonian and Latvian high schools

Tint, Piia; Urbane, Valentina; Traumann, Ada; Järvis, Marina Safety and Health at Work 2022 / p. S137
<https://doi.org/10.1016/j.shaw.2021.12.1179>

Production and characterization of an exopolysaccharide from an oleaginous yeast

Hamacek, Henrique Sepulveda Del Rio; Tingajeva, Oksana; **Lahtvee, Petri-Jaan**; **Kumar, Rahul**, 1978- Baltic Polymer Symposium 2025 : 23d International Scientific Conference BPS 2025 "Baltic Polymer Symposium 2025" : Book of abstracts 2025 / p. 35 <http://woodval.taltech.ee/wp-content/uploads/2025/07/BPS2025-Book-of-abstracts.pdf>

Production of snow and ice melting agents - calcium and magnesium acetates from oil shale industry combustion waste

Muldma, Kati; **Mets, Birgit**; **Siirde, Kaarel**; **Siirde, Andres**; **Reinaas, Maria**; **Närep, Angelica**; **Uustalu, Jaan Mihkel**; **Koern, Villem Ödner**; **Lopp, Margus**; **Kaldas, Kristiina** ISCRE 28 : Abstracts 2024 / 2 p
https://www.iscre28.org/abstracts/abstract_588_518_1.pdf <https://www.iscre28.org/abstracts.html>

Public health as an aspect of modern urban public policy

Demikhov, Oleksii; **Salmistu, Sirle**; **Demikhova, Nadiia** Management paradigms of sustainable development and inclusive economic growth 2023 / p. 74-76

Pulsed corona discharge oxidation of carbamazepine in water and urine

Petrotsenko, Irina; **Dulova, Niina**; Simha, P.; **Preis, Sergei** Future Frontiers : PhD Conference on Emerging Technologies : Book of Abstracts 2025 / p. 36 ; oral 25 https://tuit.ut.ee/sites/default/files/2025-05/PhD%20Conference%202025%20Book%20of%20Abstracts_pub3.pdf

Pyridyl-3-boronic acids as catalysts for valorization of biomass

Shevchenko, Nadiia; **Kananovich, Dzmitry**; **Karpichev, Yevgen** EcoBalt2025 : Book of abstracts 2025 / p. 127
https://ecobalt.ftmc.lt/wp-content/uploads/2025/10/EcoBalt2025_Book_of_Abstracts_V1-cor1_2025-10-24.pdf

Quantification of saponins in soybean-based yoghurt alternatives: a simple task?

Bljaghina, Anastassia; **Joarand, K.**; **Kuhtinskaja, Maria**; Kriščiunaite, Tiina 13th International Conference Biosystems Engineering, Tartu, Estonia, May 5-7, 2023 : book of abstracts 2023 / p. 61
https://dspace.emu.ee/bitstream/handle/10492/8106/ABS_2023_Book_VV.pdf?sequence=4&isAllowed=y
https://www.ester.ee/record=b5569707*est

Quantifying absolute dynamic topography by synergy of satellite, geoid and hydrodynamic model

Mostafavi, Majid; **Delpeche-Ellmann, Nicole Camille**; **Ellmann, Artu** XXVIII General Assembly of the International Union of Geodesy and Geophysics (IUGG) 2023 <https://doi.org/10.57757/IUGG23-2385>

Quantitative systems biology analysis of lipid-producing yeast *Rhodotorula toruloides* cultivation

Rekena, Alina; Pinheiro, Marina Julio; **Pals, Kristjan**; **Belouah, Isma**; **Bonturi, Nemailla**; **Gavrilovic, Srdjan**; Kerkhoven, Eduard Johannes; **Lahtvee, Petri-Jaan** FEBS3+ Baltics : Biochemistry at the Fore Line : Abstract Book 2025 / p. 69 [FEBS3+ Abstract Book \(PDF\)](#)

Quantum chemical calculation procedure for the c-c bond forming reactions

Metsala, Andrus; **Kaasik, Mikk**; **Kriis, Kadri**; **Kanger, Tõnis**; **Kimm, Mariliis** Balticum Organicum Syntheticum (BOS 2022) : program and abstract book 2022 / p. 127 [Kogumik](#)

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/>

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](#)

Reconstructing vegetation dynamics in protected woodland at Järvselja, EastEstonia

Väli, Vivika; **Poska, Anneli**; Vassiljev, Jüri 11th European Palaeobotany and Palynology Conference : abstracts, program and proceedings 2022 / p. 242 <https://jirangopub.s3.eu-north-1.amazonaws.com/Files/2123/EPPC%20Abstracts%20Volume%20Final.pdf>

Reconstruction for resilience and sustainability: A bibliometric analysis

Roumyeh, Mohamad; **Witt, Emlyn David Qivitoq**; **Lill, Irene** ICBRTAE-2023 : Conference Proceedings 2023 / p. 98
<http://www.britae.lk/wp-content/uploads/2023/06/Conference-Proceedings-ICBRTAE-2023.pdf>

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 I.
<https://medialib.cmcn.dk/medialibrary/010C1367-E991-4A33-AB10-1953247E9C23/530AEABD-3A25-ED11-84B6-00155D0B0940.pdf>

Recycled wc powder for manufacturing of duplex interpenetrating tool materials for dry machining

Kariminejad, Arash; Antonov, Maksim; Hussainova, Irina; Goljandin, Dmitri; Kumar, Rahul, 1993-; Klimczyk, Piotr GSFMT Scientific Conference 2023 : Tartu, 23-24 May, 2023 : abstracts 2023 / 1 p <https://fmttk.ut.ee/programm-2023/>

Ree + y distribution in tremadocian shelly phosphorites (Toolse, Estonia) : multi-stages enrichment in shallow marine environment during early diagenesis

Graul, Sophie Jane Marie-Pascale Huguet; Hints, Rutt; Pajusaar, Siim; Ndiaye, Mawo Geological Society of America Abstracts with Programs 2022 / 1 p <https://doi.org/10.1130/abs/2022AM-380090>

REE potential in sedimentary apatite: Delve deeper with microanalytics

Graul, Sophie; Monchal, Vincent; Rateau, Rémi; Joosu, Lauri; Moilanen, Marko; **Ndiaye, Mawo; Hints, Rutt** 4th European Mineralogical Conference. Dublin, Ireland : programme and abstracts 2024 / p. 275 : ill <https://www.minersoc.org/wp-content/uploads/2024/09/EMC-Programme-and-Abstracts-FINAL.pdf>

REE+Y distribution in tremadocian shelly phosphorites (Toolse, Estonia): A geochemical and mineralogical investigation for European critical raw material

Hints, Rutt; Graul, Sophie Jane Marie-Pascale Huguet; Kallaste, Toivo; Ndiaye, Mawo; Moilanen, Marko; Monchal, Vincent Goldschmidt 2023 2023 / 1 p. <https://doi.org/10.7185/gold2023.13625>

Relationships between immediate manager's leadership style, work motivation and psychological resilience

Kamdron, Tiiu; Randmann, Liina 2023 EAWOP Congress: The future is now: The changing world of work: Book of abstracts 2023 / art. P190, 2 p https://eawop2023.org/static/sites/tcekd_eawop_2022/DRAFT-book-of-abstract.pdf

Reprocessing, validation and homogenization of historical marine gravity data from the southern and eastern Baltic Sea - the BalMarGrav project

Wilde-Piorko, Monika; Schwabe, Joachim; Szulwic, J.; Olsson, Per-Anders; Tomczak, A.; Bilker-Koivula, Mirjam; Rosowiecka, O.; Kaminskis, Janis; **Ellmann, Artu;** Strykowski, Gabriel; Parseliunas, E.; Zusevics, V.; Andersen, O. GGHS2024 : Gravity, Geoid and Height Systems : Book of Abstracts 2024 / p. 165-166 <https://www.gghs2024.com/appsfiles/go/boa/Book-of-Abstracts.pdf?v=1726041225>

Return of the manager: Do next generation hybrid workplaces need good managers more than good leaders?

Kaas-Ojaveere, Kaie; Jasinski, Kristijan; Zernand-Vilson, Maris; Stein, Mari-Klara 11th International Workshop on the Changing Nature of Work (CNoW) : Digitizing for the Next Generation, Copenhagen, 10 Dec. 2022 2022 / 5 p
<https://communities.aisnet.org/sigcnwpriorworkshops/11th-copenhagen>

Review and modification of the cash-based analysis model based on Timothy Jury's template

Litvinenko, Alexey; Alver, Jaan AMIS 2022 : 17th International Conference Accounting and Management Information Systems : program and abstract booklet : June 08-09, 2022 Bucharest, Romania 2022 / p. 8
<https://www.amis.ase.ro/assets/docs/AMIS2022BookletPrintable.pdf>

Rheological and sensory characterization of plant-based yoghurt analogues to describe the texture of products using instrumental parameters

Saar, Helen; Adra, Karl; Kriščiunaite, Tiina; **Vaikma, Helen** 16th Baltic Conference on Food Science and Technology "Traditional meets non-traditional in future food" : FOODBALT 2023 : Book of abstracts 2023 / p. 20
https://conferences.llu.lv/sites/llucs/files/conferences/foodbalt_2023/menu_attachments/FoodBalt_2023_Abstract_book.pdf

Rheological properties of fatty acid cellulose esters synthesised by reactive extrusion

Ilitskaja, Anna; Krasnou, Illia; Krumme, Andres Baltic Polymer Symposium 2025 : 23d International Scientific Conference BPS 2025 "Baltic Polymer Symposium 2025" : Book of abstracts 2025 / p. 55 <http://woodval.taltech.ee/wp-content/uploads/2025/07/BPS2025-Book-of-abstracts.pdf>

Ring-opening coupling reaction of cyclopropanols with electrophilic alkenes enabled by decatungstate as photoredox catalyst

Krech, Anastasiya; Kananovich, Dzmitry; Ošeka, Maksim PHOTOCAT 24 : School of Photochemistry : from Photocatalysis to Photobiology : Book of Abstract 2024 / p. 67

Ring-opening cross-coupling of cyclopropanols with electrophilic alkenes via photoinduced charge transfer facilitated by decatungstate catalyst

Krech, Anastasiya 13th Paul Walden Symposium : Program and abstracts 2023 / p. 44 https://walden.osi.lv/wp-content/uploads/2023/09/Abstract_book_Walden_2023.pdf

River-basin restoration hydraulic complexities in some Estonian rivers

Laanearu, Janek 8th IAHR Europe Congress "Water - across boundaries" : book of abstracts 2024 / p. 533-534
https://www.iahr2024.lnec.pt/_files/ugd/366a17_38aaf3e046644a339de05fee8f280f7a.pdf

ROBOMINERS resilient reflectance/fluorescence spectrometers

Burlet, Christian; Stasi, Giorgia; **Godon, Simon Pierre**; **Gkliva, Roza**; **Piho, Laura**; **Ristolainen, Asko** EGU General Assembly 2023, Vienna, Austria, 24–28 Apr 2023 2023 / EGU-12056 <https://doi.org/10.5194/egusphere-egu23-12056>

Rohe-amokk ja maavaramajandus : mis teeb meid õnnelikumaks?

Soesoo, Alvar Kliimast, geoloogiast, ringmajandusest ja ajaloost 2024 / lk. 35-36 https://www.ester.ee/record=b5673955*est
<https://kirjandus.geoloogia.info/reference/49138>

Role of additive manufacturing in the performance enhancement of electrical machine winding : Current status and future outlook

Ahmad, Zahoor; **Kallaste, Ants**; **Vaimann, Toomas** Future Frontiers : PhD Conference on Emerging Technologies : Book of Abstracts 2025 / p. 29 ; oral 18 https://tuit.ut.ee/sites/default/files/2025-05/PhD%20Conference%202025%20Book%20of%20Abstracts_pub3.pdf

Role of COI geological storage in reaching climate targets in the Baltic Sea region : technological prospects and regulatory challenges

Šogenova, Alla; **Šogenov, Kazbulat** Kliimast, geoloogiast, ringmajandusest ja ajaloost 2024 / p. 28-31 : ill https://www.ester.ee/record=b5673955*est <https://kirjandus.geoloogia.info/reference/49136>

The role of Opt and Fot oligopeptide transporters in covering the yeast nitrogen need during fermentation in a peptide rich environment

Berg, Hidde Yael; **Arju, Georg**; Becerra-Rodriguez, Carmen; Galeote, Virginie; **Nisamedtinov, Ildar** 8th conference on physiology of yeasts and filamentous fungi (PYFF8) : abstract book 2023 / p. 151-152
https://efbiotechnology.org/images/uploads/PYFF8_Abstract_book.pdf

Role of youth adventure programs for shaping pro-environmental behaviour for marine conservation

Cottrell, Stuart; McCabe, Cavan; **Raadik Cottrell, Jana**; Johnson, Michael Being-with and being well in nature : our tentacular adventures: book of abstracts 2023 / p. 37 <https://www.adventure-campus.com/wp-content/uploads/2023/06/IAC2023-Book-of-Abstracts.pdf>

Sandbian-lower Katian conodont correlation of Baltoscandian Basin

Paiste, Tõnn; **Männik, Peep**; Stouge, Svend; Ainsaar, Leho; Meidla, Tõnu XI Baltic Stratigraphical Conference : abstracts and field guide 2024 / p. 30 https://www.ester.ee/record=b5696260*est <https://files.geocollections.info/690f8e32-1800-48f2-85e5-f07cea55ba08.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 Exploration of Earth Resources using nuclear magnetic resonance phenomenon : application for Estonia

Šogenov, Kazbulat; **Šogenova, Alla**; Ivanchenko, Pavel; Azykovskyy, Sergiy Kliimast, geoloogiast, ringmajandusest ja ajaloost 2024 / p. 52-54 : ill https://www.ester.ee/record=b5673955*est <https://kirjandus.geoloogia.info/reference/49159>

Sb2S3 thin films by ultrasonic spray in air : formation and application insolar cells

Krunks, Malle; **Eensalu, Jako Siim**; **Kriisa, Merike**; **Tõnsuaadu, Kaia**; **Katerski, Atanas**; **Hussein, H.**; **Asare, E.**; **Spalatu, Nicolae**; **Oja Acik, Ilona** JTACC+V4 2025 : 4th Journal of Thermal Analysis and Calorimetry Conference & 10th V4 (Joint Czech-Hungarian-Polish-Slovak) Thermoanalytical Conference : Book of Abstracts 2025 / p. 86
<https://static.akcongress.com/downloads/jtacc/jtacc2025/jtacc2025-boa.pdf>

Scalable mechanochemical synthesis of biotin[6]uril

Suut-Tuule, Elina; **Schults, Eve**; **Jarg, Tatsiana**; **Kananovich, Dzmitry**; **Aav, Riina** INCOME 2025 : Book of Abstracts 2025 / p. 108 https://www2.hu-berlin.de/income2025-berlin/INCOME2025_Program_abstracts.pdf

Screening of Estonian plants for anti-borrelia phytochemicals

Laanet, Pille-Riin; **Bragina, Olga**; **Saar-Reismaa, Piret**; **Vaher, Merike** 16th International Scientific Conference THE VITAL NATURE SIGN : ABSTRACT BOOK : May 12th-13th, 2022 Kaunas, Lithuania 2022 / p. 68 http://vns.microsep.org/wp-content/uploads/2022/05/VNS-2022_Abtract-book-FINAL.pdf

Sea grasses/meadows in the Ordovician and Silurian of Estonia

Bruthansová, Jana; Kraft, Petr; **Toom, Ursula**; Havelcová, Martina XI Baltic Stratigraphical Conference : abstracts and field guide 2024 / p. 11 https://www.ester.ee/record=b5696260*est <https://files.geocollections.info/e5122fed-dc61-4eaa-993c-57503cb3d870.pdf>

Sea level measurements by a low-cost GNSS sensor-equipped marine buoy

Koobak, Johanna; **Varbla, Sander**; **Ellmann, Artu** Nordic Geodetic Commission General Assembly 2022 in Copenhagen : Poster

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

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

Seeking confort in boglands

Raadik Cottrell, Jana; Toomingas, Kaie Shaping mobile futures : challenges and possibilities in precarious times : book of abstracts 2021 / p. 97 <https://www.rmfi.is/en/reports/index/skyrslur-reports/shaping-mobile-futures-challenges-and-possibilities-in-precarious-times-book-of-abstracts>

Self-Propagating High-Temperature Synthesis of Silicon Carbide Using Reactions Thermokinetic Coupling Approach

Amirkhanyan, Narine; Kirakosyan, Hasmik; Zakaryan, Marieta; Zurnachyan, Alina; Aydinyan, Sofiya EC-SILICONF2 : The 2nd European Conference on Silicon and Silica Based Materials, Hungary, October 4-8, 2021 2021 / p. 118

Sensing diversity in Tallinn using mobile phone data

Osunkoya, Kofoworola Modupe; Partanen, Jenni Vilhelmiina ECTQG 2023 : Proceedings, Abstracts 2023 / p. 146 - 147 https://ucpages.uc.pt/site/assets/files/1249198/ectqg_2023_proceedings_final.pdf

Sensory, chemical, and microbiological stability of non-alcoholic fermented drinks during shelf-life

Kuldjärv, Rain; Anderson, Maret; Kazantseva, Jekaterina; Malv, Esther; Vaikma, Helen EuroSense 2022 : Tenth European Conference on Sensory and Consumer Research, 13 - 16 September 2022, Turku, Finland 2022

Separation and characterization of soluble and insoluble phases from cellulose laurate (cl) for bioplastic coating applications

Ebber, Laura Baltic Polymer Symposium 2025 : 23d International Scientific Conference BPS 2025 "Baltic Polymer Symposium 2025" : Book of abstracts 2025 / p. 66 <http://woodval.taltech.ee/wp-content/uploads/2025/07/BPS2025-Book-of-abstracts.pdf>

SHS-derived powders obtained by coupled reactions and thermal dilution for subsequent consolidation

Aydinyan, Sofiya; Hussainova, Irina; Kharatyan, Suren CIMTEC 2022 : 15th International Ceramics Congress (June 20-24) CIMTEC 2022 : 9th Forum on New Materials (June 25-29) 2022 http://2022.cimtec-congress.org/focused-session-ca-11_1

Silurian stratigraphy in Estonia : Recent developments and challenges

Männik, Peep; Meidla, Tõnu; Hints, Olle XI Baltic Stratigraphical Conference : abstracts and field guide 2024 / p. 25 https://www.ester.ee/record=b5696260*est <https://files.geocollections.info/5ed8b9aa-c29c-43b4-8f3a-3e5495c9d277.pdf>

Simulating a cyber-attack on an autonomous sea surface vessel's rudder controller

Astrov, Igor; Bauk, Sanja 2024 13th Mediterranean Conference on Embedded Computing, MECO 2024 2024 / 1 p. <https://journals.scholarsportal.info/browse/26379511>

Simultaneous quantification of major oat and pea Saponins in plant-based products

Bljaghina, Anastassia; Kriščiunaite, Tiina; Kuhtinskaja, Maria Book of abstracts : 10th International Symposium on recent advances in food analysis : September 6–9, 2022 : Prague, Czech Republic 2022 / p. 274 <https://www.rafa2022.eu/pdf/Book%20of%20Abstracts%20RAFA%202022.pdf>

Site-selective parasitic embedment structures on middle silurian crinoid column material from Western Estonia

Thomka, James; **Vinn, Olev; Toom, Ursula** Geological Society of America Abstracts with Programs, vol 53, no. 6 2021 / paper no. 94-3 <https://doi.org/10.1130/abs/2021AM-371144>

Solution combustion synthesis and spark plasma sintering of magnetic high entropy materials

Kirakosyan, Hasmik; Sargsyan, Armen; **Aydinyan, Sofiya; Kharatyan, Suren** CIMTEC 2022 : 15th International Ceramics Congress (June 20-24) CIMTEC 2022 : 9th Forum on New Materials (June 25-29) 2022 http://2022.cimtec-congress.org/focused-session-ca-11_1

Some results in application of carbon isotopes for study of the early Palaeozoic history of Baltica

Martma, Tõnu; Kaljo, Dimitri Isotopes in Earth Systems, ESIR XII Workshop, Freiberg, Germany, 24-26 July 2013 : abstracts 2013 / 1 p <https://www.etis.ee/Portal/Publications/Display/12355ad6-0224-4710-8108-0770122c3eb4>

Species-specific morphology of the endolymphatic openings in the headshields of the osteostracan genus Tremataspis (Agnatha), from the Silurian of Estonia

Märss, Tiit; Wilson, Mark V.H.; Viljus, Mart 16th International Symposium on Early and Lower Vertebrates - Honoring Tiit Märss & Philippe Janvier : Conference programme and abstracts : Valencia, Spain, 2022 2022 / p. 6 http://iselv.uv.es/wp-content/uploads/2022/06/Abstract-Book-16ISELV_web.pdf

Spray-pyrolysis synthesised TiO2 thin films for photocatalytic air treatment from volatile organic compounds

Sydorenko, Jekaterina; Krunks, Malle; Mere, Arvo; Krichevskaya, Marina; Oja Acik, Ilona Proceedings 2023 / art. 37

Stability study of the stratified flow in the trapezoidal-shape channel with presence of background vorticity

Laanearu, Janek; Kaur, Katrin; Malcangio, Daniela 10th International Symposium on Environmental Hydraulics 2024 : book of abstracts 2024 / 2 p

Status report for the EUREF Working Group "European Unified Height Reference"

Schwabe, Joachim; Sacher, Martina; Liebsch, Gunter; Lidberg, Martin; Denker, Heiner; Ågren, Jonas; Alfredson, Anders; Barzaghi, Riccardo; Bilker-Koivula, Mirjam; **Ellmann, Artu; Varbla, Sander** EUREF Symposium 2024 : abstract booklet 2024 / p. 39-40
https://euref-symposium.atlantidaviatges.com/wp-content/uploads/2024/05/EUREF_abstract_booklet.pdf

Status report for the EUREF Working Group "European Unified Height Reference"

Schwabe, Joachim; Sacher, Martina; Liebsch, Gunter; Lidberg, Martin; Denker, Heiner; Ågren, Jonas; Alfredson, Anders; Barzaghi, Riccardo; **Ellmann, Artu; Varbla, Sander** Abstracts EUREF 2023 2023 / p. 9-10 https://www.chalmers.se/api/media?url=https://cms.www.chalmers.se/Media/vifgxhe/abstract_booklet_euref_2023_may22.pdf?

Status report for the EUREF Working Group "European Unified Height Reference"

Schwabe, Joachim; Sacher, Martina; Liebsch, Gunter; Lidberg, Martin; Denker, Heiner; Ågren, Jonas; Alfredsson, Anders; Barzaghi, Riccardo; Bilker-Koivula, Mirjam; **Ellmann, Artu; Varbla, Sander** EUREF Symposium 2025 : Abstracts Book 2025 / p. 14 [Abstracts Book \(PDF\)](#)

Strain wave propagation through felt-like material

Vuin, Maria Miranda; Kartofelev, Dmitri; Salupere, Andrus Symposium on the Acoustics of Poro-Elastic Materials 2023 / 24 p. : ill
https://sapem2023.matelys.com/proceedings/Vuin_et_al_SAPEM2023.pdf

A strange case of two fishes : enigmatic disappearance of bone tissue or an originally unossified osteostracan

Tinn, Oive; Lang, Liisa; **Märss, Tiit;** Kirsimäe, Kalle The Fossil Week : abstract book : 5th International Palaeontological Congress: IPC5 2018 : Paris, 9th-13th July, 2018 2018 / p. 858 https://ipc5.sciencesconf.org/data/IPC5_Abstract_Book.pdf

Structural and mechanical properties of laminate-type thin film SWCNT/SiOXNY composites

Shmagina, Elizaveta; Volobujeva, Olga; Antonov, Maksim; Bereznev, Sergei SICT 2024, PLASMA TECH 2024 and TRIBOLOGY 2024 : JOINT international conferences : book of abstracts 2024 / p. 142 <https://www.setcor.org/conferences/tribology-2024/conference-program>

Structural and optical properties of laminate-type thin film SWCNT composites in a silicon oxynitride matrix obtained by low-temperature curing methods

Shmagina, Elizaveta; Kasikov, Aarne; **Volobujeva, Olga; Bereznev, Sergei** Symposium I: Nano-engineered coatings and thin films: from fundamentals to applications 2024 <https://secure.key4events.com/key4register/AbstractList.aspx?e=1689&preview=1&aig=-1&ai=57371>

Structural studies of chromatin proteins : the impact of Cryo-EM

Eek, Priit; Tan, Song FEBS3+ Conference of Estonian, Latvian and Lithuanian Biochemical Societies, Tallinn, 15-17th of June, 2022 : abstract book 2022 / p. 59 https://biokeemiaselts.ee/wp-content/uploads/2022/06/ABSTRACT-BOOK_FEBS32022_Tallinn.pdf

Study of the development of bacterial resistance to silver-chitosan nanocomposites and cross-resistance to common antibiotics

Sihtmäe, Mariliis; Laanoja, Jüri; Otsus, Maarja; Kahru, Anne; **Kasemets, Kaja** (E-MRS) European Materials Research Society 2023 Spring Meeting : 40th Anniversary 2023 / art. 01914 <https://www.european-mrs.com/meetings/archives/2023/2023-spring-meeting>

Study of thermal properties of synthetic resins based on oil shale alkylresorcinols

Jurkeviciute, Ana; Grigorieva, Larisa; Tõnsuaadu, Kaia Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / p. 22 [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](#)

A study on softening bones of Baltic herring and Baltic sprat with acetic acid and hydrochloric acid

Ruus, Karl Mattias; Kuldjärv, Rain; Vaikma, Helen 16th Baltic Conference on Food Science and Technology "Traditional meets non-traditional in future food" : FOODBALT 2023 : book of abstracts 2023 / p. 108
https://conferences.llu.lv/sites/llucs/files/conferences/foodbalt_2023/menu_attachments/FoodBalt_2023_Abstract_book.pdf

Studying city-wide speed limits for balancing pedestrian safety and travel times : the case of Tallinn

Rasoulnezhad, Mahdi; Partanen, Jenni Vilhelmiina ECTQG 2023 : Proceedings, Abstracts 2025 / p. 230-231
https://ucpages.uc.pt/site/assets/files/1249198/ectqg_2023_proceedings_final.pdf

Sulphate sensitivity of aquatic organisms in northern Baltic Sea coastal brackish water explored by toxicity tests and species sensitivity distribution

Hu, Xiaoxuan; Leppänen, Matti T.; Järvistö, Johanna; Tonteri, Ossi; Strode, Evita; Sarathchandra, Hansika; Karjalainen, Juha S.; Lehtonen, Kari K.; Karjalainen, Anna K.; Mäkinen, Mikko; Shing Lo, Hoi; **Kolesova, Natalja** SETAC Europe 34th Annual Meeting : "Science-Based Solutions in Times of Crisis : Integrating Science and Policy for Environmental Challenges" : book of abstracts 2024

Supported ionic liquids for efficient thermal energy storage

Kaljusmaa, Liisa-Maria; Koel, Mihkel; Järvi, Oliver Euchemsil 2024 : Book of Abstracts 2024 / p. 111

<https://euchemsil2024.org/book-of-abstracts>

Supramolecular chirogenesis in porphyrin chemistry : Recent developments and further prospects

Borovkov, Victor Twelfth International Conference on Porphyrins and Phthalocyanines : ICPP-12 : book of abstracts 2022 / p. 30

http://www.icpp-spp.org/img_icpp12/ICPP-12%20BOA.pdf

Supramolecular chirogenesis in zinc porphyrins by interaction with enantiopure hemicucurbiturils

Ustrnul, Lukas; Kaabel, Sandra; Burankova, Tatsiana; Konrad, Nele; Borovkov, Victor; Aav, Riina 14th International Symposium on Macrocyclic and Supramolecular Chemistry (ISMSC2019), June 2-6 2019, Lecce, Italy : book of abstracts 2019 / p. 489 <https://sti.chem.polimi.it/ismsc2019/>

A Surrogate model for daily sea surface current fields prediction using CNN-UNET

Barzandeh, Amirhossein; Maljutenko, Ilja; Rikka, Sander; Raudsepp, Urmas EGU General Assembly 2025 2025 / art. EGU25-

16890 <https://meetingorganizer.copernicus.org/EGU25/EGU25-16890.html> <https://doi.org/10.5194/egusphere-egu25-16890>

Sustainable co2-derived nanoscale carbon support to a platinum catalyst for oxygen reduction reaction

Najafli, Erkin; Ratso, Sander; Ivanov, Y.P.; Gatalo, M.; Pavko, L.; Yörük, Can Rüstü; Walke, Peter; Divitini, G.; Hodnik, N.; Kruusenberg, Ivar GSFMT Scientific Conference 2023 : Tartu, 23-24 May, 2023 : abstracts 2023 <https://fntdk.ut.ee/programm-2023/>

Sustainable formulations from biomass : making lignin processing greener

Karpichev, Yevgen Current chemical problems (CCP-2024) : book of abstracts 2024 / p. 80

Sustainable molecular platforms based on L-phenylalanine derivatives : from ionic liquids to systems for biomedical applications

Kapitanov, Illia; Karpichev, Yevgen Current chemical problems (CCP-2024) : book of abstracts 2024 / p. 79

Sustainable practices' motives in metal and wood industries

Küttim, Merle; Niine, Tarvo; Kull, Margit; Kotov, Arseni; Gerstlberger, Wolfgang Dieter; Hartšenko, Jelena; Hurt, Ulrika

Proceedings of ISPIM Conferences 2024 / p. 1-8 <https://www.conferencesubmissions.com/ispim/tallinn2024/index.html>

Sustainable routes for synthesis of fatty acid cellulose esters

Krumme, Andres Baltic Polymer Symposium 2024 : 22nd International Scientific Conference, September 17-19, 2024, Birštonas, Lithuania : Book of abstracts 2024 / p. 21 <https://doi.org/10.5755/e01.3030-1378.2024>

Sustainable scheduling for ultra massive machine type communication using NOMA in 6G O-RAN

Latif, Aamir; Alam, Muhammad Mahtab; Elgarhy, Osama Mohamed Mostafa; Le Moullec, Yannick Digital Proceedings of the European Conference on Networks and Communications & 6G Summit 2024 (EuCNC 2024) 2024

Sustainable synthesis of useful building blocks enabled by electrolysis in continuous-flow

Ošeka, Maksim Balticum Organicum Synthetium (BOS 2022) : program and abstract book 2022 / p. 137 [Kogumik](https://doi.org/10.5755/e01.3030-1378.2024)

SWOT-derived geometric marine geoid surface complements gravimetric geoid modelling approaches

Kupavõh, Aleksei; Ellmann, Artu; Delpeche-Ellmann, Nicole Camille; Varbla, Sander EGU General Assembly 2025 2025 / art. EGU25-10957 <https://doi.org/10.5194/egusphere-egu25-10957>

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

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

Synthesis and antibacterial efficiency of chitosan–copper oxide nanocomposites

Laanoja, Jüri; Sihtmäe, Mariliis; Otsus, Maarja; Kahru, Anne; Kasemets, Kaja International Conference EcoBalt 2023

"Chemicals&Environment" 2023 / 2 p. <https://doi.org/10.3390/proceedings2023092035>

Synthesis and antibacterial properties of lignin-based amino and quaternary ammonium surfactants

Kothottil Mohan, Mahendra; Duvanova, Ella; Lukk, Tiit; Karpichev, Yevgen 5th International Caparica Symposium on Nanoparticles, Nanomaterials and Applications 2022 : book of abstracts 2022 / p. 208

Synthesis and antibacterial properties of lignin-based quaternary ammonium and phosphonium salts

Mohan, Mahendra Kothottil; Kaur, Harleen; Duvanova, Ella; Rosenberg, Merilin; Dahlem, Marcos; Ivask, Angela; Raimundo, Jean-Manuel; Lukk, Tiit; Karpichev, Yevgen International Conference EcoBalt 2023 "Chemicals&Environment" 2023 / 2 p. <https://doi.org/10.3390/proceedings2023092058>

Synthesis and crystallographic studies of halogen-bonded complexes

Martõnova, Jevgenija; Ward, Jas S.; **Aav, Riina**; **Rissanen, Kari** Balticum Organicum Syntheticum (BOS 2022) : program and abstract book 2022 / p. 121 [Kogumik](#)

Synthesis of a novel monofunctionalized hemicucurbit[8]uril

Nguyen, Thi Thanh Ngan; **Jarg, Tatsiana**; **Adamson, Jasper**; **Kananovich, Dzmitry**; **Aav, Riina** Balticum Organicum Syntheticum (BOS 2024) : Book of Abstracts 2024 / p. 107 https://boschem.eu/bos2024/wp-content/uploads/sites/5/2024/07/BOS2024_Abstract-Book.pdf

Synthesis of chiral bifunctional halogen bond donor catalysts and their application in asymmetric cascade reaction

Martõnov, Harry; **Kriis, Kadri**; **Kanger, Tõnis** Balticum Organicum Syntheticum (BOS 2022) : program and abstract book 2022 / p. 120 [Kogumik](#)

Synthesis of modified polycondensation resins based on oil shale individual alkylresorcinols and their mixtures

Jurkeviciute, Ana; **Grigorieva, Larisa**; **Tõnsuaadu, Kaia**; Blum, Kristina; Yashicheva, T.; Moskvina, K. Baltic polymer symposium 2022 : programme and abstracts 2022 / p. 54

Synthesis of thermoplastic cellulose esters in novel ionic liquid

Savale, Nutan Bharat; **Tarasova, Elvira**; **Krasnou, Illia**; **Kudrjašova, Marina**; Reile, Indrek; **Krumme, Andres** Baltic Polymer Symposium, BPS2023 : programme and abstracts 2023 / p. 14

A systematic review of vascular calcification inhibitors in chronic kidney disease

Adoberg, Annika; **Leis, Liisi**; **Luman, Merike**; **Uhlin, Fredrik**; **Fridolin, Ivo**; **Holmar, Jana** XVII Baltic Nephrology Conference, Tartu, Estonia, October 3rd-5th, 2024 : Abstracts 2024 / 2 p <https://balticnephrology2024.eu/abstracts>

Targale wind farm connection studies and Grid Code compliance assessment

Sarnet, Tanel; **Kilter, Jako** 2022

Teadusprojektide eetika hindamine. Kuhu kadus eetika?

Pevkur, Aive EFAK XIX : teeside kogu = book of abstracts 2024 / lk. 31-32 https://sisu.ut.ee/wp-content/uploads/sites/496/EFAK-Teeside-kogu_Book-of-Abstracts-2024.pdf

Techno-economic modelling of the Baltic CCUS onshore scenario

Šogenova, Alla; **Šogenov, Kazbulat**; **Uibu, Mai**; **Kuusik, Rein**, **keemik**; **Simmer, Karl** Baltic Carbon Forum 2022 / p. 4 <https://doi.org/10.21595/bcf.2022.22841>

Telescoped synthesis of vicinal diamines via ring opening of electrochemically generated aziridines in flow

Laktsevich-Iskryk, Marharyta; **Ošeka, Maksim** Balticum Organicum Syntheticum (BOS 2024) : Book of Abstracts 2024 / p. 82 https://boschem.eu/bos2024/wp-content/uploads/sites/5/2024/07/BOS2024_Abstract-Book.pdf

The effect of transition to a more energy-effective processing regime on the shelf-life of lingonberryblueberry-rye puree

Lang, Hanna; **Saarniit, Kärt**; **Kuldjärv, Rain** 16th Baltic Conference on Food Science and Technology "Traditional meets non-traditional in future food" : FOODBALT 2023 : Book of abstracts 2023 / p. 53 https://conferences.llu.lv/sites/llucsf/files/conferences/foodbalt_2023/menu_attachments/FoodBalt_2023_Abstract_book.pdf

The intriguing story of bis-porphyrins in chemical sensors

Bettini, Simona; **Borovkov, Victor**; Giancane, Gabriele; Grover, Nikita; Mattern, Cornelia; Ottolini, Michela; Pagano, Rosanna; Senge, Mathias O.; Valli, Ludovico Twelfth International Conference on Porphyrins and Phthalocyanines : ICPP-12 : book of abstracts 2022 / p. 235 http://www.icpp-spp.org/img_icpp12/ICPP-12%20BOA.pdf

The late Sandbian/Early Katian carbonate succession in the eastern St.Petersburgregion: the stratigraphic record in the Krapivno 21 drill core

Hints, Linda; Lehnert, Oliver; **Nõlvak, Jaak**; **Männik, Peep**; **Pärmaste, Helje**; Joachimski, Michael M. XI Baltic Stratigraphical Conference : abstracts and field guide 2024 / p. 13 https://www.ester.ee/record=b5696260*est <https://files.geocollections.info/16c906be-0636-4d30-95fe-065c76cc887a.pdf>

The lower cambrian trilobite zonation of Estonia

Pärmaste, Helje XI Baltic Stratigraphical Conference : abstracts and field guide 2024 / p. 31 https://www.ester.ee/record=b5696260*est <https://files.geocollections.info/17aa8067-966a-428d-8bd4-cc22e36cce73.pdf>

Thermal activation and pozzolanic reactivity of Estonian clays for cementitious applications

Yörük, Can Rüstü; **Adegbile, Ademola Michael**; **Tuisk, Tanel**; **Hain, Tiina**; **Uibu, Mai**; **Usta, Mustafa Cem**; **Trikkel, Andres** JTACC+V4 2025 : 4th Journal of Thermal Analysis and Calorimetry Conference & 10th V4 (Joint Czech-Hungarian-Polish-Slovak) Thermoanalytical Conference : Book of Abstracts 2025 / p. 70 <https://static.akcongress.com/downloads/jtacc/jtacc2025/jtacc2025-boa.pdf>

Thermal behaviour of ceramic bodies based on Estonian clay from Arumetsa deposit with oil shale ash or/and clinker dust additives

Kaljuvee, Tiit; Štubna, Igor; Hulan, Tomaš; **Uibu, Mai**; **Einard, Marve**; **Traksmaa, Rainer**; **Viljus, Mart**; Jefimova, Jekaterina; **Triikkel, Andres** ICTAC 2020 : 17th International Congress on Thermal Analysis and Calorimetry : 8th Joint Czech-Hungarian-Polish-Slovakian Thermoanalytical Conference (V4 8) : 14th Conference on Calorimetry and Thermal Analysis of the Polish Society of Calorimetry and Thermal Analysis (CCTA 14), online conference, [Kraków], 29 August - 2 September 2021 : e-book of abstracts, 2021 2021 / p. 68 https://cris.vub.be/ws/portalfiles/portal/74787050/_e_Book_of_Abstracts_ICTAC2020.pdf

Thermal-kinetic study of Estonian clays and calcium/sulphur-rich industrial by-product under varied calcination atmospheres

Adeomola, Michael Adegbile; **Yörük, Can Rüstü**; **Patsenko, Nata-Ly**; **Uibu, Mai**; **Thomas, Adheena**; **Usta, Mustafa Cem**; **Triikkel, Andres** JTACC+V4 2025 : 4th Journal of Thermal Analysis and Calorimetry Conference & 10th V4 (Joint Czech-Hungarian-Polish-Slovak) Thermoanalytical Conference : Book of Abstracts 2025 / p. 172-173 <https://static.akcongress.com/downloads/jtacc/jtacc2025/jtacc2025-boa.pdf>

Thermodynamics-based model-driven discovery of metabolic strategies in oleaginous yeast *Rhodotorula toruloides*

Rekena, Alina; Smith, Edward N.; Heinemann, Matthias; **Lahtvee, Petri-Jaan** Metabolic Engineering 15 (ME15) : conference proceedings 2023 / Art. 52 <https://aiche.confex.com/aiche/me15/meetingapp.cgi/Paper/659438>

Thin layer chromatography determination of free resorcinol and alkylresorcinols in aqueous and nonaqueous media

Jurkeviciute, Ana; **Grigorieva, Larisa**; Blum, Kristina; Panfilova, A. Baltic polymer symposium 2022 : programme and abstracts 2022 / p. 53

Touching as mediator : Embodied vernacular practices as a catalyst for sustainability : The case of the Pokari project (wool)

Kouvara, Asimina Sustainability in Practice : DIY Repair, Reuse and Innovation : Programme and Abstracts 2024 / p. 33 http://https://media.voog.com/0000/0041/9715/files/Sustainability%20in%20Practice_Programme%20and%20Abstracts_2024_Estonian%20National%20Museum.pdf

Toxic leadership style: relationships with work motivation and work engagement

Kamdron, Tiiu; **Randmann, Liina** 2023 EAWOP Congress: The future is now: The changing world of work: Book of abstracts 2023 / art. P033, 2 p https://eawop2023.org/static/sites/tcekd_eawop_2022/DRAFT-book-of-abstract.pdf

Trace fossils from the Ordovician-Silurian boundary beds of Estonia (Baltica)

Moghalu, Ogechukwu Ann; **Hints, Olle**; **Toom, Ursula** XI Baltic Stratigraphical Conference : abstracts and field guide 2024 / p. 28 https://www.ester.ee/record=b5696260*est <https://files.geocollections.info/0c8086e6-7421-467a-b0c2-2f9964fd0bb5.pdf>

Tzoumakers : A mountainous community of open source technologies

Kouvara, Asimina Sustainability in Practice : DIY Repair, Reuse and Innovation : Programme and Abstracts 2025 / p. 34 https://media.voog.com/0000/0041/9715/files/Sustainability%20in%20Practice_Programme%20and%20Abstracts_2024_Estonian%20National%20Museum.pdf

24 years sea level trend of Baltic Sea using resampled machine learning satellite altimetry data : poster

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

Ujednolicone morskie mapy grawimetryczne południowego i wschodniego Bałtyku dla współczesnych zastosowań 3D w geodezji morskiej, geologii i nawigacji (BalMarGrav)

Wilde-Piorko, Monika; Bauer, Tobias; Bilker-Koivula, Mirjam; Dykowski, Przemysław; **Ellmann, Artu**; **Varbla, Sander** I kongres geoinformacyjny : X ogólnopolskie sympozjum geoinformacyjne : „Współczesne technologie geoinformacyjne w modelowaniu przestrzeni” Kraków, 25 – 27 X 2023 : streszczenia referatów 2023 / p. 41-42 https://kongres-geo.pl/application/files/3316/9822/3649/ksiega_abstraktow_v03.pdf

Unconventional resources of REE : challenges for exploration and processing, with the example of Estonian phosphorite

Graul, Sophie; Monchal, Vincent; Joosu, Lauri; **Hints, Rutt** Kliimast, geoloogist, ringmajandusest ja ajaloost 2024 / lk. 12-14 : ill. https://www.ester.ee/record=b5673955*est <https://kirjandus.geoloogia.info/reference/49111>

Unlocking bifunctional electrocatalytic performance of Co-MOF-Derived catalysts for ORR and OER

Yusibova, Gulnara; Kongi, Nadežda; **Karpichev, Yevgen** 244th ECS Meeting, Gothenburg, Sweden, October 8-12, 2023 2023 / p. I01E-2036 <https://ecs.confex.com/ecs/244/meetingapp.cgi/Paper/180269>

Unraveling ocean dynamics with glider profiling and ship-based microstructure observations in the Slupsk Furrow

Bulczak, Anna Izabela; Rak, Daniel; **Salm, Kai**; **Liblik, Taavi**; **Lips, Urmas** New challenges for Baltic Sea Earth System research : conference proceedings 2024 / p. 138 https://baltic.earth/imperia/md/assets/baltic_earth/baltic_earth/baltic_earth/5bec_proceedings.pdf

Unveiling the impact of chronic gastric *Helicobacter* infection on mouse hepatic health

Khalid, Sadia; Seeneevassen, L.; Sifre, E.; Varon, C.; **Spuul, Pirjo** EHMSG – 37th International Workshop on Helicobacter &

Urban Digital Twins as a tool for multi-species approach in planning

Mrosła, Laura; Allik, Martin; Fabritius, Eeva Henna Helena; Kupper, Kristiina AESOP annual congress space for species : redefining spatial justice - book of abstracts 2022 / p. 148 <https://proceedings.aesop-planning.eu/index.php/aesopro/issue/view/13/13>

Urban hubs, participation, citizen science and digital tools : pathways to more sustainable and democratic urban quarters

Dembski, Fabian; Goldfarb, Doron; Guba, Beate; **Ilves, Laugren; Sarv, Lill;** Wössner, Uwe; Märemäe, Andres Integrated planning in a world of turbulence : book of abstracts, vol. 25, 1 2023 / art. 596 <https://proceedings.aesop-planning.eu/index.php/aesopro/issue/view/15/15>

Urban temperatures in Estonia 2014-2024 by Landsat data

Vint, Kairi; **Märtens, Olev;** Služenikina, Jekaterina Conference Program : 7th Winter Satellite Workshop 2025 / 2 p <https://drive.google.com/file/d/1O04gQvxOtpWq6Wu02oWrVdZtlxO4P0r/view?pli=1>

Use of neoteric solvents in biomass treatment

Vaher, Merike; Saar-Reismaa, Piret; Kuhtinskaja, Maria; Koel, Mihkel Proceedings 2023 / art. 39
<https://doi.org/10.3390/proceedings2023092039>

Utilisation of industrial alkaline solid residues to produce cement-free building materials

Usta, Mustafa Cem Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / 66 l. [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](https://www.gsfmt.org/abstracts-2022)

The utilization of platinum catalysts deposited on carbon support synthesized from coffee grounds in a polymer electrolyte membrane fuel cell

Simson, Sander; Nerut, Jaak; Härmas, Meelis; Valk, Peeter; Teppor, Patrick; Palm, Rasmus; Koppel, Miriam; Aruväli, Jaan; Korjus, Ove; **Volobujeva, Olga;** Mansson, Martin; Lust, Enn ECS Meeting Abstracts 2023 / art. 2295 <https://doi.org/10.1149/MA2023-01382295mtgabs>

Valorization of industrial waste into biodegradable deicing agents

Muldma, Kati; Mets, Birgit; Siirde, Andres; Umerenkova, Violetta; Lopp, Margus; Pantšenko, Nata-Ly; Kaldas, Kristiina EcoBalt2025 : Book of abstracts 2025 / p. 122 https://ecobalt.ftmc.lt/wp-content/uploads/2025/10/EcoBalt2025_Book_of_Abstracts_V1-cor1_2025-10-24.pdf

Valorization of mechanically recycled textile fibres into nonwoven materials with various compositions

Worth, Katre; Sõrra, Susanna; Plamus, Tiia Baltic Polymer Symposium 2025 : 23d International Scientific Conference BPS 2025“Baltic Polymer Symposium 2025” : Book of abstracts 2025 / p. 65 <http://woodval.taltech.ee/wp-content/uploads/2025/07/BPS2025-Book-of-abstracts.pdf>

Valorizing low-quality wood species into innovative multilayer engineered wood products

Akkurt, Tolgay Baltic Polymer Symposium 2025 : 23d International Scientific Conference BPS 2025“Baltic Polymer Symposium 2025” : Book of abstracts 2025 / p. 43 <http://woodval.taltech.ee/wp-content/uploads/2025/07/BPS2025-Book-of-abstracts.pdf>

Vanaadiumi levik ja esinemisvormid graptoliitargilliidis ning eraldamise tehnoloogiad

Hints, Rutt Kuhu rändab Eesti geoloogia? : aprillikonverentsi teeside kogumik 2023 / lk. 20 https://www.ester.ee/record=b5552673*est

Vanaaegkonna kliima ja millest kõnelevad konodondid

Hints, Olle Kliimast, geoloogiast, ringmajandusest ja ajaloost 2024 / lk. 15-16 https://www.ester.ee/record=b5673955*est
<https://kirjandus.geoloogia.info/reference/49108>

Waste Heat-Based District Heating Network for Industrial Buildings With Low Energy Intensity

Ali, Hesham Abed Al-Same Jamil; Pakere, Ieva; **Hlebnikov, Aleksandr; Djørup, Søren; Dedov, Andrei; Volkova, Anna** 9th International Conference on Smart Energy Systems : Book of Abstracts 2023 / p. 286 <https://vbn.aau.dk/en/publications/book-of-abstracts-9th-international-conference-on-smart-energy-sy>

Waste tire derived carbon support for non-platinum-group metal catalyst materials for oxygen reduction reaction in alkaline medium

Laanemäe, Joel; Jäger, Rutha; Teppor, Patrick; **Volobujeva, Olga;** Lust, Enn ECS Meeting Abstracts 2023 / p. 2283-2283
<https://doi.org/10.1149/MA2023-01382283mtgabs>

Wave propagation through nonlinear viscoelastic felt

Vuin, Maria Miranda; Kartofelev, Dmitri; Salupere, Andrus Waves 2024 : book of abstracts 2024 / p. 281-282
<https://doi.org/10.17617/3.MBE4AA>

Waves on a string of a monochord equipped with a rigid obstacle

Kartofelev, Dmitri Waves 2024 : book of abstracts 2024 / p. 253-254 <https://doi.org/10.17617/3.MBE4AA>

When Humans and AI Work in Parallel : The Effects of Ensembling Human-AI Decision on Workers

Diebel, Christopher; **Stein, Mari-Klara**; Benlian, Alexander Academy of Management Proceedings 2025

<https://journals.aom.org/doi/abs/10.5465/AMPROC.2025.22105abstract>

When Nano Meets Need: Advanced materials for tackling today's water treatment challenges

Dulova, Niina PIM 2025 : Book of Abstracts 2025 / p. 10 <https://pim.itim-cj.ro/pages/Book%20of%20Abstracts%20PIM%202025.pdf>

Where did the Ordovician Bioerosional Revolution begin?

Toom, Ursula; Kröger, Björn; Kuva, Jukka; Laska, W.; **Moghalu, Ogechukwu Ann** ICHNIA 2024 - The 5th International Congress

on Ichnology. Celebrating One Ichnology! 2024 / p. 279–280 <https://kirjandus.geoloogia.info/en/reference/49268>

Wisdom management in sight

Müürsepp, Peeter Business & Economics Society International (B&ESI) : 41st B&ESI Conference Corinthian Gulf, Loutraki, Greece Club Hotel July 15-18, 2024 2023 / p. 53-54

Vokaalide ja klusiilide intensiivsusuhted laulmisel teksti arusaadavuse mõjutajana

Vurma, Allan; Dede, Tuuri; Kala, Veeda; **Meister, Einar**; **Meister, Lya**; Raju, Marju; Ross, Jaan Eesti-uuringute Tippkeskuse kokkuvõttekonverents "Dialoogid Eestiga. Uus algus" : 15.-16. veebruar 2023 Tartus : kava, teesid 2023 / p. 43–44

<https://www.folklore.ee/CEES/2023/finaal/media/teesid.pdf>

Yogurt enriched with fibers and probiotic bacteria increased the abundance of bifidobacterium animalis subsp. Lactis bb12 in human gut microbiome

Viiard, Ene; Jaagura, Madis; Part, Natalja; Kazantseva, Jekaterina; **Adamberg, Kaarel** Pharmadvances 2022 / p. 19-20

<https://doi.org/10.36118/pharmadvances.2022.23>

Українські біженці в Європі: проблеми “мобільної” міжкультурної комунікації на прикладі Естонії

Lobanova, Kateryna Острозькі культурологічні читання: матеріали Всеукраїнської наукової конференції 2023 / с. 41-44

<https://eprints.oa.edu.ua/id/eprint/8819/>

A Balanoglossites-Trypanites ichnofabric from the Upper Ordovician warm-water carbonates of Estonia

Toom, Ursula; Kröger, Björn; Knaust, Dirk Following in the footsteps of Richard Granville Bromley : abstracts and field guide 2023 / p. 38 : ill

https://www.researchgate.net/publication/375450713_Following_in_the_footsteps_of_Richard_Granville_Bromley_abstracts_and_field_guide_17th_International_Ichnofabric_Workshop_23-29_October_2023_in_Faxe_Denmark