

Agricultural runoff monitoring in Estonia

Ilital, Arvo; Loigu, Enn "Environmental Impact and Water Management in a Catchment Area Perspective" : 24-26 September, 2001, Tallinn, Estonia : proceedings of the Symposium dedicated to the 40th Anniversary of Institute of Environmental Engineering at Tallinn Technical University 2001 / p. 67-76 : ill

Algorithms for online CO2 baseline correction in intermittently occupied rooms

Vihman, Lauri; Parts, Tuule Mall; Aljas, Hans Kristjan; Thalfeldt, Martin; Raik, Jaan Healthy Buildings 2023 Europe: Beyond Disciplinary Boundaries: proceedings ; 1 2023 / p. 302-309 : ill <https://www.proceedings.com/content/070/070278webtoc.pdf>

An investigation and microcalorimetric monitoring of anaerobic treatment of concentrated waste in the cheese industry

Blonskaja, Viktoria; Mölder, Heino; Menert, Anne; Rikmann, Ergo; Vilu, Raivo Copenhagen Waste and Water Conference '99 including EcoProcura Copenhagen '99 : The 2nd International Conference on Integrated Sustainable Waste and Water Management and Green Procurement : June 1-3, 1999 : conference proceedings 1999 / [3] p
https://www.researchgate.net/publication/224858929_An_investigation_and_microcalorimetric_monitoring_of_anaerobic_treatment_of_concentrated_waste_in_the_cheese_industry

Analytical monitoring of bivalent heavy metals in the biosphere of the area of phosphate fertilizer industry

Hödrejäv, Helvi; Viitak, Anu; Varandi, Merje; Lepane, Viia European Conference on Analytical Chemistry : Euroanalysis VII, Vienna, Austria, August 26-31, 1990 : book of abstracts. Vol. 1 1990

An application of a low-cost microwave radar to traffic monitoring [Online resource]

Riid, Andri; Kaugerand, Jaanus; Ehala, Johannes; Jaanus, Martin; Preden, Jürjo-Sören BEC 2018 : 2018 16th Biennial Baltic Electronics Conference (BEC) : proceedings of the 16th Biennial Baltic Electronics Conference, October 8-10, 2018 2018 / 4 p.: ill
<https://doi.org/10.1109/BEC.2018.8600962>

Application of ATP-method in rapid monitoring of plant hygiene of Estonian food manufacturers

Kurvet, Madis; Külm, I.; Kahru, Anne BIOBALT '96 : Biotechnology in Estonia, Latvia and Lithuania : International Workshop, 19-20 April, 1996, Tartu, Estonia : abstract book 1996 / p. 24

Application of transfer learning for instrument transformer condition monitoring

Asefi, Sajjad; Kilter, Jako; Akroud, Nabil; Hurtado, Aritz; Gilbert, Ian; Orue, Inaki 2024 International Conference on Diagnostics in Electrical Engineering (Diagnostika) 2024 / 4 p <https://doi.org/10.1109/Diagnostika61830.2024.10693903>

Aromaatsete süsivesinike on-line diagnostika atmosfääris

Krasnova, Olga; Babitšenko, S.; Minko, S. XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 54

Artificial lateral lines : assessing fish passages sensing like a fish [Online resource]

Fuentes-Pérez, Juan Francisco International Conference on Engineering and Ecohydrology for Fish Passage, June 19-21, 2017, Oregon State University, Corvallis, Oregon (USA) : presentation abstracts 2017 / p. 91
http://fishpassage.umass.edu/conference2017/sites/default/files/FishPassage2017_Abstracts.pdf

Aspect-oriented Model-based testing with UPPAAL timed automata

Vain, Jüri; Tsiopoulos, Leonidas; Kanter, Gert Model and Data Engineering : 10th International Conference, MEDI 2021, Tallinn, Estonia, June 21-23, 2021 : proceedings 2021 / p. 117-124 https://doi.org/10.1007/978-3-030-78428-7_10 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

An assessment framework for evaluating the digitalisation potential of stormwater management and monitoring in small- and medium-sized water utilities

Suits, Kristjan; Annus, Ivar; Kändler, Nils; Kaur, Katrin; Kõiv, Kerta; Arm, Liisi; Barndöck, Helen Urban Water Journal 2025
<https://doi.org/10.1080/1573062X.2025.2511810>

The bearing faults detection methods for electrical machines — the state of the art

Khan, Muhammad Amir; Asad, Bilal; Kudelina, Karolina; Vaimann, Toomas; Kallaste, Ants Energies 2023 / art. 296
<https://doi.org/10.3390/en16010296> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Beyond the surface : exploring fish dynamics with camera based monitoring

Haas, Christian; Engelberger, Leon; Schmalz, Maria; Tuhtan, Jeffrey Andrew Proceedings of the 15th International Symposium on Ecohydraulics and Fish Passage 2024 (ISE-FP) 2024 / 1 p. <https://doi.org/10.13140/rg.2.2.35129.38249>

Bioimpedance monitoring with improved accuracy using three-level stimulus

Paavle, Toivo; Annus, Paul; Kuusik, Alar; Land, Raul; Min, Mart Proceedings of European Conference on Circuit Theory and Design 2007 (ECCTD'07) : Seville, Spain, August 26-30, 2007 2007 / p. 412-415

Biologically inspired semi-autonomous underwater robot

Listak, Madis; Kruusmaa, Maarja US/EU-Baltic International Symposium : Ocean observations, ecosystem-based management & forecasting : May 27-29, 2008, Tallinn, Estonia : book of abstracts 2008 / p. 89

BONUS INTEGRAL : improved biogeochemical monitoring and greenhouse gas flux assessment for the Baltic Sea through high resolution trace gas data acquisition [Online resource]

Rehder, Gregor; Rutgersson, Anna; Laakso, Lauri; Kulinski, Karol; **Lips, Urmas** 2nd Baltic Earth Conference The Baltic Sea in Transition : Helsingør, Denmark, 11 to 15 June 2018 : conference proceedings 2018 / p. 59-60 : ill https://www.baltic-earth.eu/publications/IBESPublications/No_13_Helsingor_Proceedings/2ndBalticEarthConferenceProceedings_IBESP_No13_web.pdf

Buoy collision detection

Moorits, Erkki; Usk, Aivar Proceedings ELMAR-2012 : 54th International Symposium ELMAR-2012 : 12-14 September 2012, Zadar, Croatia 2012 / p. 109-112 : ill <https://ieeexplore.ieee.org/document/6338483>

Capability detection and evaluation metrics for cyber security lab exercises

Caliskan, Emin; Tatar, Unal; **Bahsi, Hayretdin**; **Ottis, Rain**; **Vaarandi, Risto** Proceedings of the 12th International Conference on Cyber Warfare and Security, ICCWS 2017 2017 / p. 407-414 : ill <https://www.scopus.com/record/display.uri?eid=2-s2.0-85018944652&origin=inward&txGid=dad813d957372581ca0932bf6e4fb5d8>

Capillary electrophoretic monitoring of microbial growth : determination of organic acids

Kudrjašova, Marina; Tahkonen, Heli; Helmja, Kati; **Kaljurand, Mihkel** Proceedings of the Estonian Academy of Sciences. Chemistry 2004 / p. 51-64 : ill

Cardiac rhythm management - pacing, ablation, devices

2022 <https://doi.org/10.5772/intechopen.95171>

Challenges and prospective of maintenance in SMEs Collaborative Network

Polyantchikov, Igor; **Pribytkova, Marina**; **Ševtšenko, Eduard** 9th International Symposium "Topical problems in the field of electrical and power engineering". Doctoral school of energy and geotechnology. II : Pärnu, Estonia, June 14-19, 2010 2010 / p. 126-130 : ill

Characterizing energy flexibility of buildings with electric vehicles and shiftable appliances on single building level and aggregated level

Azizi, Elnaz; **Ahmadihangar, Roya**; **Rosin, Argo**; Bolouki, Sadegh Sustainable cities and society 2022 / art. 103999 <https://doi.org/10.1016/j.scs.2022.103999> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Classification of benthic biocenoses of the lowland river Tudovka (Tver region, Russia) using community features

Schletterer, Martin; Füreder, Leopold; Kuzovlev, Vyacheslav V.; Zhenikov, Yuri N.; **Fuentes-Pérez, Juan Francisco**; **Tuhtan, Jeffrey Andrew** Geography, environment, sustainability 2017 / p. 40-56 : ill <https://doi.org/10.24057/2071-9388-2017-10-2-40-56> [Journal metrics at Scopus](#) [Article at Scopus](#)

Classification of benthic biocenosis of the lowland river Tudovka (Tver Region, Russia) using community features

Schletterer, Martin; Kuzovlev, Vyacheslav V.; Zhenikov, Yuri N.; Strokina, Nataliya; **Tuhtan, Jeffrey Andrew** International Geographical Union Regional Conference "Geography, Culture and Society for our Future Earth" : 17-21 August 2015, Moscow, Russia : book of abstracts 2015 / p. 1597

Classification of chemical status of rivers

Loigu, Enn; **Leisk, Ülle** "Environmental Impact and Water Management in a Catchment Area Perspective" : 24-26 September, 2001, Tallinn, Estonia : proceedings of the Symposium dedicated to the 40th Anniversary of Institute of Environmental Engineering at Tallinn Technical University 2001 / p. 46-53 : ill

CMEMS Baltic Monitoring and Forecasting Centre : high-resolution wave forecasts in the seasonally ice-covered Baltic Sea [Online resource]

Tuomi, Laura; Vähä-Piikkiö, Olga; Siili, T.; **Alari, Victor** Operational oceanography serving sustainable marine development : Proceedings of the Eighth EuroGOOS International Conference, 3-5 October 2017, Bergen, Norway 2018 / p. 269-274 : ill <http://eurogoos.eu/download/publications/EuroGOOS-2017-Conference-Proceedings.pdf>

Combining airborne and terrestrial laser scanning to monitor coastal processes

Julge, Kalev; **Eelsalu, Maris**; Grünthal, Erkki; **Märdla, Silja**; **Ellmann, Artu**; **Soomere, Tarmo**; Tõnisson, Hannes 2014 IEEE/OES Baltic International Symposium : 26-29 May 2014, Tallinn, Estonia : [proceedings] 2014 / [10] p. : ill

Combining airborne and terrestrial laser scanning to monitor coastal processes

Julge, Kalev; **Eelsalu, Maris**; Grünthal, Erkki; **Märdla, Silja**; **Ellmann, Artu**; Tõnisson, Hannes Measuring and Modeling of Multi-Scale Interactions in the Marine Environment : IEEE/OES Baltic Symposium 2014, May 26.-29.2014, Tallinn, Estonia : book of abstracts 2014 / p. 49

Comparative analysis of power quality monitoring systems

Hassan, Syed Rizwan; Rehman, Ateeq Ur; **Shabbir, Noman**; Unbreen, Arooj NFC IEFJR journal of engineering and scientific research 2020 / p. 19-23 <http://njesr.com/ojs/index.php/archive/article/view/249>

Comprehensive Diagnostic Assessment of Inverter Failures in a Utility-Scale Solar Power Plant : A Case Study Based on Field and Laboratory Validation

Kull, Karl; Asad, Bilal; Naseer, Muhammad Usman; Kallaste, Ants; Vaimann, Toomas Sensors 2025 / art. 3717
<https://doi.org/10.3390/s25123717>

Computerized chromatographic monitoring of rapid thermooxidation reactions

Kaljurand, Mihkel; Ebber, Arkadi Proceedings of the Estonian Academy of Sciences. Chemistry 1996 / 1/2, p. 1-8: ill

Conceptual model of groundwater quality for the monitoring and management of the Voronka groundwater body, Estonia

Marandi, Andres; Karro, Enn; Raidla, Valle; Vaikmäe, Rein Estonian journal of earth sciences 2012 / p. 328-339 : ill

Condition monitoring of a Cartesian robot with a mechanically damaged gear to create a fuzzy logic control and diagnosis algorithm

Autsou, Siarhei; Kudelina, Karolina; Vaimann, Toomas; Rassõlkin, Anton; Kallaste, Ants Applied sciences 2024 / art. 4241
<https://doi.org/10.3390/app14104241> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Contemporary and future aspects of cost effective power quality monitoring - position paper of CIGRE WG C4.112

Meyer, Jan; Kilter, Jako PQ2012 : 8th International Conference : 2012 Electric Power Quality and Supply Reliability : June 11-13, 2012, Tartu, Estonia : conference proceedings 2012 / p. 83-88 : ill <https://ieeexplore.ieee.org/abstract/document/6256208/similar#similar>

Continuous monitoring of power system inertia and transmission loss components using synchronized phasor measurements = Elektrisüsteemi inertsi ja ülekandekadude komponentide pidev jälgimine faasimõõtmiste abil

Tuttelberg, Kaur 2018 <https://digi.lib.ttu.ee/i/210732> https://www.ester.ee/record=b5151804*est

Co-simulations of induction machines coupled with a radial ball bearing for mechanical defects analysis

El Bouharrouti, Nada; Sitnikov, Maksim; Hemeida, Ahmed; Martin, Florian; Kudelina, Karolina; Naseer, Muhammad Usman; Belahcen, Anouar IET Electric Power Applications 2025 / 13 p. : ill <http://dx.doi.org/10.1049/elp2.12529>

Current practice and future challenges for power quality monitoring – CIGRE WG C4.112 perspective

Kilter, Jako 2012 IEEE 15th International Conference on Harmonics and Quality of Power : proceedings of ICHQP2012 : Kowloon Shangri-La Hotel, Hong Kong, 17-20 June, 2012 2012 / p. 390-397 : ill

A descriptive analysis of post-closedown environmental monitoring and maintenance of the Pääsküla landfill

Kivimägi, Jana Management of environmental quality : an international journal 2011 / p. 769-786 : ill
<https://doi.org/10.1108/14777831111170867>

Design and implementation of a digital control and monitoring system for an AC/DC UPS [Electronic resource]

Palamar, Andriy; Karpinsky, Mykola; Vodovozov, Valery CPE 2011 : 7th International Conference-Workshop Compatibility and Power Electronics : June 1-3, 2011, Tallinn, Estonia : conference guide 2011 / p. 173-177 [CD-ROM]
<https://ieeexplore.ieee.org/document/5942227>

Design of renewable micro generation monitoring and control application

Lehtla, Madis; Kõivastik, Ivar; Möller, Taavi; Kallaste, Ants; Rosin, Argo PQ2010 : 7th International Conference "2010 Electric Power Quality and Supply Reliability" : June 16-18, 2010, Kuressaare, Estonia 2010 / p. 105-110 : ill

Developing a framework for smart stormwater management in Tallinn, Estonia

Suits, Kristjan; Vassiljev, Anatoli; Kaur, Katrin; Kõiv, Kerta; Kändler, Nils; Annus, Ivar Engineering Proceedings 2024 / art. 23
<https://doi.org/10.3390/engproc2024069023> [Journal metrics at Scopus](#) [Article at Scopus](#)

Developing benthic monitoring programmes to support precise and representative status assessments: a case study from the Baltic Sea

Nygard, Henrik; Lindegarth, Mats; Darr, Alexander; Dinesen, Grete E.; Eigaard, Ole R.; Lips, Inga Environmental monitoring and assessment 2020 / p. 1-18 : ill <https://doi.org/10.1007/s10661-020-08764-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Developing computational groundwater monitoring and management system for Estonian oil shale deposit

Lind, Helena; Robam, Karin; Valgma, Ingo; Sokman, Kalmer Geoenvironment & Geotechnics (GEOENV08). 2 2008 / p. 137-140

Development and application of a holistic production monitoring system

Eiskop, Tanel; Snatkin, Aleksei; Kõgesaar, Kristjan; Jorgensen, Soren Proceedings of the 9th International Conference of DAAAM Baltic Industrial Engineering, 24-26th April 2014, Tallinn, Estonia 2014 / p. 85-91 : ill

Development and optimisation of production monitoring system = Tootmise monitooringu süsteemi arendus ja optimeerimine

Snatkin, Aleksei 2016 https://www.ester.ee/record=b4576990*est

Development of a method for optical monitoring of creatinine in the spent dialysate

Tomson, Ruth; Uhlin, Nils Fredrik Arne; Holmar, Jana; Lauri, Kai; Luman, Merike; Fridolin, Ivo Estonian journal of engineering 2011 / 2, p. 140-150 : ill

Development of a smart workstation by using AR technology

Värno, Kätlin; Mahmood, Kashif; Otto, Tauno; Kuts, Vladimir Proceedings of the 30th International DAAAM Symposium : Intelligent Manufacturing & Automation, 23-26th October 2019, Zadar, Croatia 2019 / 1061-1067 : ill
<https://doi.org/10.2507/30th.daaam.proceedings.148>

Development of a smart workstation by using AR technology

Värno, Kätlin; Otto, Tauno; Mahmood, Kashif; Kuts, Vladimir The application track, posters and demos of EuroVR : Proceedings of the 16th Annual EuroVR Conference - 2019 2019 / p. 19-22 : ill <https://doi.org/10.32040/2242-122X.2019.T357>
<https://www.vttresearch.com/sites/default/files/pdf/technology/2019/T357.pdf>

Digital shadow of an electric vehicle-permanent magnet synchronous motor drive for real-time performance monitoring

Mohamed, Mahmoud Ibrahim Hassanin; Rjabtšikov, Viktor; Rassõlkin, Anton Digital twins and applications 2025 / 12 p
<https://doi.org/10.1049/dgt2.12024>

Dimensionality reduction for machine learning based IoT botnet detection

Bahsi, Hayretidin; Nõmm, Sven 15th International Conference on Control, Automation, Robotics and Vision (ICARCV 2018) : Singapore, November 18-21, 2018 2018 / p. 1857-1862 : ill <https://doi.org/10.1109/ICARCV.2018.8581205>

Doktoritöö trammi arvutipõhise juhtimise, seire ja diagnostika alal : [väitekirja kaitses Argo Rosin]

Lahtmets, Rain Elektriala 2005 / lk. 32

DSP-based power-quality monitoring device

Mårtens, Olev; Trampärk, Harri; Liimets, Aivar; Nobel, Peter; Veskimeister, Andres; Järvalt, Aldur WISP2007 proceedings : 5th IEEE International Symposium on Intelligent Signal Processing : Alcalá de Henares, Madrid (Spain), October 3-5, 2007 2007 / [5] p <https://ieeexplore.ieee.org/document/4447591>

Education and aspiration for education

Pavelson, Marje Integration of Estonian society : monitoring 2000 2000 / p. 11-13

EEG signal in monitoring brain function in anesthesia and intensive care : a review

Lipping, Tarmo; Jäntti, Ville Proceedings of the Estonian Academy of Sciences. Engineering 2004 / 2, p. 95-109 : ill

Eesti elektrisüsteemi laiseiresüsteemi arendamine ja analüüs (WAMPAC) : uurimustöö 1.1-4/13/232 / Lep13118 I etapi aruanne [Võrguväljaanne]

Palu, Ivo; Valdma, Mati; Meldorf, Mati; Keel, Matti; Šuvalova, Jelena; Šlenduhoov, Vadim; Kangro, Triin; Vaino, Sander; Sarnet, Tanel; Kilter, Jako; Ülavere, Eero; Reinson, Andrus 2014

Eesti elektrisüsteemi laiseiresüsteemi arendamine ja analüüs (WAMPAC) : uurimustöö 1.1-4/13/232 / Lep13118 II etapi aruanne [Võrguväljaanne]

Palu, Ivo; Meldorf, Mati; Šuvalova, Jelena; Liiv, Innar; Tuttelberg, Kaur; Kangro, Triin; Astapov, Victor; Sarnet, Tanel; Šlenduhoov, Vadim; Kilter, Jako; Ülavere, Eero; Reinson, Andrus 2014

Eesti kaitsetööstus on kümne aastaga kujunenud tugevaks majandusharuks

Ränisoo, Tarmo Postimees 2021 / Lk. 18-19 : fot <https://dea.digar.ee/article/postimees/2021/02/25/15.2>

Eesti teadlased seiravad Läänemerd uudsel moel [Võrguväljaanne]

postimees.ee 2022 "[Eesti teadlased seiravad Läänemerd uudsel moel](https://postimees.ee/2022/02/25/15.2)"

Eesti teadlaste kaamerasüsteem teeb kalaseires revolutsiooni

Nagu kala vees – tehisintellekt jõgedes

Vaaks, Eveliis postimees.ee 2024 [Nagu kala vees – tehisintellekt jõgedes](https://postimees.ee/2024/02/25/15.2) [Eesti teadlaste kaamerasüsteem teeb kalaseires revolutsiooni](https://postimees.ee/2024/02/25/15.2)

Eesti tänavused teadussaavutused ulatuvad mammutitest vesinikuni

Pärn, Rein Postimees 2024 / lk. 10-11 <https://dea.digar.ee/article/postimees/2024/12/31/7.1> <https://teadus.postimees.ee/8163134/eesti-teadussaavutused-aastal-2024-mammutitest-vesinikuni>

Eesti vajab maaväriate tuvastamiseks rohkem seirejaamu [Võrguväljaanne]

Merivoo-Parro, Maarja novaator.err.ee 2021 / fot [Eesti vajab maaväriate tuvastamiseks rohkem seirejaamu](https://novaator.err.ee/2021/02/25/15.2)

Eestis töötati välja uudne energiamärgise määramise lahendus

Ehitaja 2023 / lk. 34 : fot https://www.ester.ee/record=b1072123*est https://artiklid.elnet.ee/record=b2904595*est

Electrical network load monitoring

Meldorf, Mati 2011 http://www.ester.ee/record=b4773521*est

Electrical network load monitoring

Meldorf, Mati 2008 http://www.ester.ee/record=b2368469*est

Electrical network load monitoring on special days

Meldorf, Mati; Treufeldt, Ülo; Kilter, Jako Scientific proceedings of Riga Technical University. Serija 4, Power and electrical engineering 2006 / p. 19-23 : ill

Electricity consumption analysis and power quality monitoring in commercial buildings

Drovtar, Imre; Niitsoo, Jaan; Rosin, Argo; Kilter, Jako; Palu, Ivo PQ2012 : 8th International Conference : 2012 Electric Power Quality and Supply Reliability : June 11-13, 2012, Tartu, Estonia : conference proceedings 2012 / p. 107-112 : ill
<https://ieeexplore.ieee.org/document/6256212>

Elektrisüsteemi režiimi seire

Meldorf, Mati; Sild, Ants Eesti energeetika probleeme 1988 / lk. 58-70 : ill https://www.ester.ee/record=b1286166*est
<https://digikogu.taltech.ee/et/Item/8c9df0b6-7ddd-4743-a749-6b46cd8b53d4>

Elektrisüsteemi talitluse seire

Meldorf, Mati 1995 http://www.ester.ee/record=b1069180*est

Elektromagnetväljad: masinate määs või terviseoht?

Kütt, Lauri EhitusEST 2023 / lk. 24-27 : fot https://www.ester.ee/record=b4442657*est

Embedded ICG-based stroke volume measurement system : comparison of discrete-time and continuous-time architectures

Gautier, Antoine; Larras, Benoit; Märten, Olev; John, Deepu; Frappe, Antoine IEEE International SOC Conference 2022 / p. 46-51
<https://doi.org/10.1109/SOCC52499.2021.9739386>

Energy consumption monitoring analysis for residential, educational and public buildings

Hani, Allan; Kõiv, Teet-Andrus Smart grid and renewable energy 2012 / p. 231-238 : ill <https://www.scirp.org/html/22065.html>

Estimation of river runoff for water quality monitoring by the HBV model

Kovalenko, Olga; Reihan, Alvina XXII Nordic Hydrological Conference : Roros, Norway 4-7 August 2002. Vol. II 2002 / p. 789-795

Estimation of transmission loss components from phasor measurements

Tuttelberg, Kaur; Kilter, Jako International journal of electrical power & energy systems 2018 / p. 62-71 : ill
<https://doi.org/10.1016/j.ijepes.2017.11.040> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Experimental evaluation and numerical modelling of the quality of photovoltaic modules

Tšukrejev, Pavel; Karjust, Kristo; Majak, Jüri Proceedings of the Estonian Academy of Sciences 2021 / p. 477-483 : ill
<https://doi.org/10.3176/proc.2021.4.15> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fall detection and activity recognition system for usage in smart work-wear [Online resource]

Leier, Mairo; Jervan, Gert; Allik, Ardo; Pilt, Kristjan; Karai, Deniss; Fridolin, Ivo BEC 2018 : 2018 16th Biennial Baltic Electronics Conference (BEC) : proceedings of the 16th Biennial Baltic Electronics Conference, October 8-10, 2018 2018 / 4 p.: ill
<https://doi.org/10.1109/BEC.2018.8600959>

Fast model for monitoring of backup batteries in telecommunications networks

Tenno, Ander; Tenno, Robert; Suntio, Teuvo Proceedings of the IASTED International Conference Power and Energy Systems : May 13-15, 2002, Marina del Rey, California, USA 2002 / p. 458-463

Feasibility study on distributed flow sensing with inertial sensors in aquaculture fish cages

Ristolainen, Asko; Piho, Laura; Kruusmaa, Maarja Aquacultural Engineering 2022 / art. 102271, 9 p. : ill
<https://doi.org/10.1016/j.aquaeng.2022.102271> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fuzzy logic in control : truck backer-upper problem revisited

Riid, Andri; Rüstern, Ennu The 10th IEEE International Conference on Fuzzy Systems : Melbourne, Australia, December 2001. Volume 1 2001 / [4] p. : ill <https://www.semanticscholar.org/paper/Fuzzy-logic-in-control%3A-truck-backer-upper-problem-Riid->

Generation of unmeasured loading levels data for condition monitoring of induction machine using machine learning
Billah, Md Masum; Saberi, Alireza Nemat; Hemeida, Ahmed; Martin, Florian; **Kudelina, Karolina; Asad, Bilal; Naseer, Muhammad Usman**; Mukherjee, Victor; Belahcen, Anouar IEEE transactions on magnetics 2024 / art. 8201104
<https://doi.org/10.1109/TMAG.2023.3312267> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Genetische Analysen von Fischbeständen: Populationsgenetik und eDNA
Weiss, Steven; Deiner, Kristy; **Tuhtan, Jeffrey Andrew**; Gumpinger, Clemens; Schletterer, Martin Wasserwirtschaft 2018 / S. 22-29
: III <https://www.springerprofessional.de/genetische-analysen-von-fischbestaenden-populationsgenetik-und-e/15499156>
<https://doi.org/10.1007/s35147-018-0008-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Geotechnical analysis of road embankment test sections over soft peat layer in Estonia
Sillamäe, Sven; Ellmann, Artu; Varbla, Sander 30th International Baltic Road Conference August 23–24, 2021 : Abstracts 2021 / p. 29 https://balticroads.org/wp-content/uploads/2021/08/BRC_Abstacts_2021_V2.pdf

Ghost injection attack on automatic dependent surveillance–broadcast equipped drones impact on human behaviour
Haddad, Yazeed; Orye, Erwin; **Maennel, Olaf Manuel** 2021 IEEE International Conference on Cognitive and Computational Aspects of Situation Management (CogSIMA) : Virtual Conference, 14-22 May 2021 : proceedings 2021 / p. 161-166
<https://doi.org/10.1109/CogSIMA51574.2021.9475928>

Globaalne ettevõtlusmonitooring 2012. Eesti raport
Arro, Tõnis; **Küttim, Merle; Pöder, Kaire; Venesaar, Urve** 2013

Globaalse ettevõtlusmonitooringu Eesti tulemuste esitlus
postimees.ee 2024 [Globaalse ettevõtlusmonitooringu Eesti tulemuste esitlus](#)

GRUAN ground-based GNSS site guidelines
Shoji, Yoshinori; **Rannat, Kalev** 2012 https://www.gruan.org/gruan/editor/documents/gruan/GRUAN-TD-6_GNSS_v1.0.pdf

Handling timing in a time-critical reasoning system - a case study
Mõtus, Leo; Näks, Tõnu Postprints of IFAC Symposium on Artificial Intelligence in Real-time Control : Grand Canyon, Arizona, USA 1999 / p. 67-75 <https://www.sciencedirect.com/science/article/pii/S1367578801000153>

Harald Velner and the Helsinki Commission
Melvasalo, Terttu Harald-Adam Velner - engineer and scientist 1994 / p. 42-49 https://www.ester.ee/record=b1053757*est

Harald Velner ja Helsingi komisjon : ÜRO 1972. aasta konverentsist Helsingi konventsioonini
Melvasalo, Terttu Harald-Adam Velner - insener ja veeteadlane 1993 / lk. 39-45 https://www.ester.ee/record=b1053756*est

High voltage circuit breaker charging motor's condition monitoring - importance, possibilities, and challenges
Asad, Bilal; Sardar, Muhammad Usman; Vaimann, Toomas; Kallaste, Ants; Asefi, Sajjad; Kilter, Jako 2024 International Conference on Diagnostics in Electrical Engineering (Dignostika) 2024 / 7 p <https://doi.org/10.1109/Dignostika61830.2024.10693906>

High voltage circuit breaker health index Evaluation considering measurement accuracy
Asefi, Sajjad; Kilter, Jako; Shayesteh, Ebrahim; Hilber, Patrik; Lindquist, Tommie IEEE PES Innovative Smart Grid Technologies Conference Europe (ISGT Europe 2024) : proceedings 2024 / 5 p <https://doi.org/10.1109/ISGTEUROPE62998.2024.10863019>

Hoiame kokku! Ah et kuidas? : insenerid võitlevad kivistunud arusaamade vastu
Arak, Marti; Kookmaa, Kristjan Inseneria 2016 / lk. [54]-55 : fot http://www.ester.ee/record=b2336521*est
https://artiklid.elnet.ee/record=b2803300*est

How to build a SOC on a budget
Vaarandi, Risto; Mäses, Sten 2022 IEEE International Conference on Cyber Security and Resilience (CSR) 2022 / p. 171-177 : ill <https://doi.org/10.1109/CSR54599.2022.9850281>

Humidity and temperature data logger
Lazar, Anca; Ursulean, Radu BEC'96 : the 5th Biennial Baltic Electronics Conference, October 7-11, 1996, Tallinn, Estonia : proceedings 1996 / p. 159-162: ill

The impact of load on global parameters of electrical machines in case of healthy and broken rotor bars
Kudelina, Karolina; Raja, Hadi Ashraf; Autsou, Siarhei; Asad, Bilal; Vaimann, Toomas; Rassõlkin, Anton; Kallaste, Ants; Shabbir, Noman 2022 18th Biennial Baltic Electronics Conference (BEC) 2022 / 5 l. <https://doi.org/10.1109/BEC56180.2022.9935614>

Improvement of the Estonian coastal sea monitoring on the example of the investigations in the Tallinn Bay
Nõmm, Avo Proceedings of the International Workshop Monitoring Tailor-made : An International Workshop on Monitoring and

Assessment in Water Management, 20-23 September, 1994, Beekbergen, The Netherlands 1995 / p. 321-323

Increasing the safety and efficiency of technical resources in the mining industry

Baraškova, Tatjana; Shirokova, Veronika; Pascualt, Didier European International Journal of Science and Technology 2019 / p. 1-8 : ill <https://ejst.org.uk/articles/8.7.1.1-8.pdf>

Induction motor bearing currents - causes and damages

Kudelina, Karolina; Vaimann, Toomas; Rassõlkin, Anton; Kallaste, Ants; Asad, Bilal; Demidova, Galina 2021 28th International Workshop on Electric Drives : Improving Reliability of Electric Drives (IWED) 2021 / 5 p <https://doi.org/10.1109/IWED52055.2021.9376354>

In-process determining of the working mode in CNC turning

Aruväli, Tanel; Serg, Risto; Preden, Jürjo-Sören; Otto, Tauno Estonian journal of engineering 2011 / 1, p. 4-16 : ill https://www.kirj.ee/public/Engineering/2011/issue_1/eng-2011-1-4-16.pdf

In-process vibration monitoring on CNC lathe

Aruväli, Tanel; Serg, Risto; Otto, Tauno 10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 10-15, 2011 2011 / p. 174-178 : ill

In-situ observation strategies in order to monitor and understand the functioning of pelagic ecosystem in the Gulf of Finland

Lips, Urmas; Lips, Inga; Kikas, Villu; Liblik, Taavi; Kuvaldina, Natalja; Altoja, Kristi; Norit, Nelli BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 89

Integrated human resources development and monitoring system

Rives, Jüri; Otto, Tauno Proceedings of the 5th International Conference of DAAAM Baltic : Industrial Engineering - Adding Innovation Capacity of Labour Force and Entrepreneur : 20-22 April 2006, Tallinn, Estonia 2006 / p. 219-224 : ill

Intelligent system and equipment for greenhouses monitoring

Penkov, Igor Journal of hygienic engineering and design 2018 / p. 41-46 : ill <http://www.jhed.mk/filemanager/JHED%20Vol.%2022/03.%20FPP/01.%20Full%20paper%20-%20Igor%20Penkov.pdf> [Journal metrics at Scopus](#) [Article at Scopus](#)

Intelligentne keskkonnasäästlik hajusjälgitavussüsteem puidutööstusele

Tamre, Mart Inseneria 2011 / lk. 23-24 : ill https://artiklid.elnet.ee/record=b2426083*est https://www.ester.ee/record=b2336521*est

Interpreting the location data extracted from the Apple Health database

Jennings, Luke; Sorell, Matthew; Espinosa, Hugo G. Forensic Science International : Digital Investigation 2023 / art. 301504 <https://doi.org/10.1016/j.fsidi.2023.301504>

Investigation of partial discharge characteristics in XLPE cable insulation under increasing electrical stress

Choudhary, Maninder; Shafiq, Muhammad; **Kiitam, Ivar; Palu, Ivo;** Hassan, Waqar; **Singh, Praveen Prakash** Engineering failure analysis 2024 / art. 108006 <https://doi.org/10.1016/j.engfailanal.2024.108006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Investigation of temporal variations in extended circumbinary structures for selected interacting binaries

Mars, Mario International Meeting on Variable Stars Observing : KOLOS 2007 : Snina, Slovakkia, 05.-09.12.07 2007

IoT based tools for data acquisition in electrical machines and robotics

Raja, Hadi Ashraf; Vaimann, Toomas; Rassõlkin, Anton; Kallaste, Ants; Belahcen, Anouar 2021 IEEE 19th International Power Electronics and Motion Control Conference, The Silesian University of Technology Gliwice, Poland, 25 - 29 April, 2021 (PEMC) : proceedings 2021 / p. 737-742 : ill <https://doi.org/10.1109/PEMC48073.2021.9432553>

Jõgede hüdrokeemiline seire

Loigu, Enn Keskkonnaseire 1994 1995 / lk. 28-31: ill

Jõgede hüdrokeemiline seire

Loigu, Enn; Leisk, Ülle Keskkonnaseire 1995 1996 / lk. 57-61: ill

Jõgede seire ja veekvaliteet

Loigu, Enn; Hannus, Maila; Leisk, Ülle Eesti keskkonnaseire 1996 = Estonian environmental monitoring 1997 / lk. 86-93: ill

Jõgede veekvaliteet ja selle muutused 1992-2001

Leisk, Ülle; Loigu, Enn Eesti keskkonnaseire 2001 2002 / lk. 85-87 : ill

Kapillaarelektroforeesi kasutamine keemiliste reaktsioonide seirel

Kaljurand, Mihkel; Kulp, Maria; Ehala, Sille; Vaher, Merike XXIX Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 29th Estonian Chemistry Days : abstracts of scientific conference 2005 / lk. 29

Keskkonnaagentuur alustas Peipsi järvel laineinfo mõõtmist ja edastamist [Võrguväljaanne]

lounaestlane.ee 2022 [Keskkonnaagentuur alustas Peipsi järvel laineinfo mõõtmist ja edastamist](https://lounaestlane.ee/2022/08/05/8.1_Koopauuring_voib_avada_paa_su_satanistide_altarile)

Keskkonnaagentuur vastab kriitikale : suurkiskjate seire on teaduspõhine

rohe.geenius.ee 2023 [Keskkonnaagentuur vastab kriitikale: suurkiskjate seire on teaduspõhine](https://arvamus.postimees.ee/7691788/ulukiseire-tooruhma-liikmed-suurkiskjate-seire-on-teaduspohine)
<https://arvamus.postimees.ee/7691788/ulukiseire-tooruhma-liikmed-suurkiskjate-seire-on-teaduspohine>

Koopauuring võib avada pääsu satanistide altarile [Võrguväljaanne]

Breidaks, Arved Lõuna-Eesti Postimees 2022 / Lk. 6 [https://dea.digar.ee/article/lounaestpostimees/2022/08/05/8.1_Koopauuring võib avada pääsu satanistide altarile](https://dea.digar.ee/article/lounaestpostimees/2022/08/05/8.1_Koopauuring_voib_avada_paa_su_satanistide_altarile)

Kristjan Lill and Karli Kontson: Millions falling by the roadside

Lill, Kristjan; Kontson, Karli news.err.ee 2025 <https://news.err.ee/1609650719/kristjan-lill-and-karli-kontson-millions-falling-by-the-roadside>

Kristjan Lill ja Karli Kontson: miljonid eurod lõpetavad igal aastal teeservas

Lill, Kristjan; Kontson, Karli novaator.err.ee 2025 <https://novaator.err.ee/1609650386/kristjan-lill-ja-karli-kontson-miljonid-eurod-lopetavad-igal-aastal-teeservas>

Kristjan Tabri ja Heigo Mölder: meretaristut võiksid valvata robotid = Kristjan Tabri, Heigo Mölder: Robots could guard marine infrastructure

Tabri, Kristjan; Mölder, Heigo err.ee 2023 [Kristjan Tabri ja Heigo Mölder: meretaristut võiksid valvata robotid](https://news.err.ee/1609650719/kristjan-lill-and-karli-kontson-millions-falling-by-the-roadside) Kristjan Tabri, Heigo Mölder: Robots could guard marine infrastructure Кристьян Табри и Хейго Мольдер: морскую инфраструктуру могли бы охранять роботы

Kuidas töötajaid salaja jälgida

Meel, Mari Äripäev 2004 / 14. apr., lk. 27 <https://arileht.delfi.ee/artikkel/7619468/kuidas-tootajaid-salaja-jalgida>

Laste toitumise monitooring. Koolitusprogramm

Vokk, Raivo; Pitsi, Tagli; Liebert, Tiiu Riikliku ravikindlustuse eelarvest finantseeritud tervisedenduslike projektide teesid : aruandekonverents "Tervisedendus 1996", 04.06.1997, Tallinn 1997 / lk. 94

Laste toitumise monitoring ja toitumisteave Eestis

Pitsi, Tagli; Süvalep, Ide; Vokk, Raivo; Liebert, Tiiu 11. juunil 1996 "Sakala" keskuses toimuva Tervisekaitselises Sihtkapitalis 1995. aastal finantseeritud projektide aruandekonverentsi abstraktid 1996 / lk. 7 https://www.ester.ee/record=b1071448*est

Lightweight assimilation of open urban ambient air quality monitoring data and numerical simulations with unknown uncertainty

Miasayedava, Lizaveta; Kaugerand, Jaanus; Tuhtan, Jeffrey Andrew Environmental modeling & assessment 2023 / p. 961–975 <https://doi.org/10.1007/s10666-023-09909-x> Journal metrics at Scopus Article at Scopus Journal metrisc at WOS Article at WOS

Lightweight monitoring scheme for flooding DoS Attack detection in multi-tenant MPSoCs

Chaves Arroyave, Cesar Giovanni; Sepulveda, Johanna; Hollstein, Thomas 2021 IEEE International Symposium on Circuits and Systems (ISCAS), Daegu, Korea May 22-28, 2021 : proceedings 2021 / 5 p <https://doi.org/10.1109/ISCAS51556.2021.9401153> Conference Proceedings at Scopus Article at Scopus Article at WOS

Long-term stability monitoring of the mining blocks in Estonian oil shale mines

Pastarus, Jüri-Rivaldo Environment. Technology. Resources : proceedings of the 4th International Scientific and Practical Conference : June 26-28, 2003 2003 / p. 206-211 : ill <https://citeseerx.ist.psu.edu/document?repid=rep1&type=pdf&doi=dd76de9aeb5d9743572e155643b7235cad1ec505>

Machinery real time monitoring application planning for workshop

Aruväli, Tanel 12th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Kuressaare, Estonia, June 11-16, 2012 2012 / p. 142-144 : ill

Machinery utilization monitoring and pause identification prototype model design

Aruväli, Tanel; Serg, Risto; Otto, Tauno Proceedings of the 8th International Conference of DAAAM Baltic Industrial Engineering, 19-21st April 2012, Tallinn, Estonia. 1 2012 / p. 256-261 : ill

Macrophytes in the biological monitoring of small rivers

Blinova, Irina; Vassiljev, Anatoli 10th International Specialised Conference on Diffuse Pollution and Sustainable Basin Management : Sep. 18-22, 2006, Istanbul, Turkey 2006 / [8] p

Magnetic current sensor stray components in high frequency operation and their effects

Kütt, Lauri; Järvik, Jaan; Mölder, Heigo; Kilter, Jako; Shafiq, Muhammad Conference proceedings : 2012 11th International

Membraansüsteemiga kombineeritud kapillaarelektroforeesi seadme kasutamine biotehnoloogiliste protsesside monitooringuks

Ehala, Sille; **Kuldvee, Ruth**; **Kaljurand, Mihkel** XXVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 26th Estonian Chemistry Days : abstracts of scientific conference 2000 / lk. 27

Microcalorimetric monitoring of anaerobic waste treatment processes

Menert, Anne Application note no.22039 / Thermometric AB, September 2004 2004 / [3] p

Microcalorimetric monitoring of microbial growth in solid-state fermentations

Menert, Anne; **Kazarjan, Aram**; **Stulova, Irina**; Lee, C.C.; **Vilu, Raivo** International Society for Biological Calorimetry : XIVth Conference The Amber ISBC : Sopot, Poland, June 2-6, 2006 : abstracts 2006 / p. 58

Microcalorimetry of anaerobic digestion

Menert, Anne 2001 https://www.ester.ee/record=b1570004*est

Mikrokaloremeetria kui meetod heitveepuhastusprotsesside jälgimiseks

Menert, Anne; Liiders, M.; **Vilu, Raivo** XXV Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 25th Estonian Chemistry Days : abstracts of scientific conference 1999 / lk. 97-98

Miks me mõõdame päikesekiirgust?

Kallis, Ain Horisont 2008 / 3, lk. 10-11 : ill https://artiklid.elnet.ee/record=b2040720*est

Miniaturization of sampling for chemical reaction monitoring by capillary electrophoresis

Kulp, Maria; **Vaher, Merike**; **Kaljurand, Mihkel** Journal of chromatography A 2005 / p. 126-129 : ill

Modeling of wash-off and leaching of pollutants from watershed by spring flow for analyzing monitoring data

Vassiljev, Anatoli; **Blinova, Irina** Environmental Protection Strategy Standardization and Control of Pollution Load on the Marine Environment : 1st International Conference, 20-24 September 1993, Tallinn, Estonia 1994 / p. 160-165: ill

Modeling wash off and leaching of pollutants from watershed by spring flow for analyzing monitoring data

Vassiljev, Anatoli; **Blinova, Irina** Environmental Protection Strategy Standardization and Control of Pollution Load on the Marine Environment : 1st International Conference, 20-24 September 1993, Tallinn, Estonia : abstracts 1993 / p. 44-45: ill

Modern monitoring opportunities in shopfloor

Aruväli, Tanel; **Otto, Tauno**; **Preden, Jürjo-Sören** Annals of DAAAM for 2010 & proceedings of the 21st International DAAAM Symposium "Intelligent Manufacturing & Automation : Focus on Interdisciplinary Solutions" : 20-23rd October 2010, Zadar, Croatia 2010 / p. 989 - 990 : ill https://www.daaam.info/Downloads/Pdfs/proceedings/proceedings_2010/24167_Symp_1_head.pdf

Modified fingerprint method for traceability enhancement of marked products

Põlder, Ahti 9th International Symposium "Topical problems in the field of electrical and power engineering". Doctoral school of energy and geotechnology. II : Pärnu, Estonia, June 14-19, 2010 2010 / p. 121-125 : ill

Monitoring and analysis of room-and-pillar mining with continuous miner in Estonian oil shale mines

Nikitin, Oleg Environment. Technology. Resources : proceedings of the 3rd International Conference : June 19-21, 2001 2001 / p. 116-121

Monitoring and problems of short-term prognosis in the field of plants protection

Butkevicius, R.; Žilinskas, R. BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 277-281

Monitoring and stability analysis in Estonian oil shale mines

Nikitin, Oleg; **Pastarus, Jüri-Rivaldo**; **Sokolov, Pavel** 11th International Congress of the International Society for Mine Surveying : Crakow, Poland, September 2000. Vol. 2 2000 / p. 319-329 : ill <https://kirjandus.geoloogia.info/reference/33731>

Monitoring blood pressure from pulse wave transit time

Tepner, Ingrid; **Lass, Jaanus**; **Karai, Deniss**; **Hinrikus, Hiie**; **Meigas, Kalju** IV International Workshop on Biosignal Interpretation : BSI2002, Como, Italy, 24th-26th June, 2002 : proceedings 2002 / p. 239-242 : ill

Monitoring nonstationary samples by multiple input chromatography

Kaljurand, Mihkel Chemometrics in Analytical Chemistry VI : CAC 96 : International Conference, Tarragona (Spain), 25-29 June : abstracts book 1996 / p. PL-2

Monitoring nonstationary samples by multiple input chromatography

Kaljurand, Mihkel Kemia 95 : Finnish Chemical Congress and Exhibition and Nordic Polymer Meeting 1995, Helsinki, 14-16 Nov., 1995 : abstracts 1995 / p. 29

Monitoring of anaerobic/anoxic treatment of sulfate-rich wastewaters from yeast industry

Kurissoo, Tõnu; Menert, Anne; Zub, Sergei The World of Microbes : Xth International Congress of Bacteriology and Applied Microbiology, Paris, 27th July to 1st August 2002 : abstracts 2002 / p. 159

Monitoring of diffuse pollution from agriculture to support implementation of the WFD and the Nitrate Directive in Estonia

lital, Arvo; Pachel, Karin; Deelstra, Johannes Environmental science & policy 2008 / p. 185-193
https://www.researchgate.net/publication/223871588_Monitoring_of_diffuse_pollution_from_agriculture_to_support_implementation_of_the_WFD_and_the_Nitrate_Directive_in_Estonia

Monitoring of electrical distribution network operation = Jaotusvõrgu talitluse seire

Kilter, Jako 2009 https://www.ester.ee/record=b2498170*est

Monitoring of energy efficiency in industrial pneumatic machines

Parik, Ellen; Otto, Tauno Annals of DAAAM for 2012 & Proceedings of the 23rd International DAAAM Symposium : Intelligent Manufacturing & Automation 2012 / p. 0985-0988 : ill [CD-ROM]
https://www.researchgate.net/publication/283474506_Monitoring_of_energy_efficiency_in_industrial_pneumatic_machines

Monitoring of manufacturing machinery using smart dust applications

Aruväli, Tanel; Serg, Risto; Otto, Tauno; Preden, Jürjo-Sören 9th International Symposium "Topical problems in the field of electrical and power engineering". Doctoral school of energy and geotechnology. II : Pärnu, Estonia, June 14-19, 2010 2010 / p. 209-213 : ill

Monitoring of randomly varying chemical processes by correlation chromatography

Kaljurand, Mihkel; Smit, H.C. Analytica chimica acta 1998 / 2/3, p. 175-187: ill

Monitoring of sediments resuspended by waves from fast ferries

Erm, Ants; Soomere, Tarmo; Alari, Victor; Listak, Madis; Voll, Martin BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 135

Monitoring of simultaneous saccharification and fermentation of wheat straw by HPLC and capillary electrophoresis

Vaher, Merike; Käsper, Andres; Erm, Sten; Aid, Tiina; Koel, Mihkel Book of abstracts : COST Action CM0903: Utilization of Biomass for Sustainable Fuels and Chemicals (UBIOCHEM) : Thessaloniki, Greece, 1-3 Nov 2012 2012 / p. 73

Monitoring of technological competences

Otto, Tauno; Riives, Jüri Annals of DAAAM for 2006 & proceedings of the 17th International DAAAM Symposium "Intelligent Manufacturing & Automation : Focus on Mechatronics and Robotics" : 8-11th November 2006, Vienna, Austria 2006 / p. 279-280

Monitoring of the distribution network operation

Kilter, Jako; Meldorf, Mati Proceedings of 4th IASME/WSEAS International Conference on Energy & Environment (EE'09) : Cambridge, UK, February 24-26, 2009 2009 / p. 263-268

Monitoring of the electroosmotic flow of ionic liquid solutions in non-aqueous media using thermal marks

Seiman, Andrus; Vaher, Merike; Kaljurand, Mihkel Journal of chromatography A 2008 / p. 266-273 : ill
<https://www.sciencedirect.com/science/article/abs/pii/S002196730800054X>

Monitoring of trace elements in Estonia

Silla, Raiot; Viitak, Anu; Teoste, M. International Symposium on Environmental Epidemiology in Central and Eastern Europe : Critical Issues for Improving Health : Smolenice, Slovak Republic, Sept. 24-27, 1997 : abstracts 1997 / p. 38

Monitoring pesticides in surface waters of the country

Brazhnikova, L.V.; Shlychkova, V.V.; Korotova, L.G.; Vinnikov, Y.Y. Theses of the reports of the VIII Symposium Concerning the Problems of Waterbodies Water Quality, Tallinn, Oct. 23-25, 1990 1990 / p. 17-18

Monitoring Saku Brewery Ltd waste-water parameters

Tappo, Tarmo Food and nutrition = Toit ja toitumine 2005 / p. 30

Monitoring sediment transport in the coastal zone of Tallinn Bay

Buschmann, Fred; Erm, Ants; Alari, Victor; Listak, Madis; Rebane, Jaan; Toming, Gert 2012 IEEE/OES Baltic International Symposium (BALTIC) : May 8-11, 2012, Klaipeda, Lithuania : [proceedings] 2012 / p. 1-13 : ill
https://www.researchgate.net/publication/261379280_Monitoring_sediment_transport_in_the_coastal_zone_of_Tallinn_Bay

Monitoring system framework and architecture over supply chain

Aruväli, Tanel; Serg, Risto; Kõrbe Kaare, Kati; Otto, Tauno Annals of DAAAM for 2012 & Proceedings of the 23rd International DAAAM Symposium : Intelligent Manufacturing & Automation 2012 / 1, p. 0661-0666 : ill [CD-ROM]
https://www.daaam.info/Downloads/Pdfs/proceedings/proceedings_2012/155.pdf

Monitoring the concentration, distribution, origin and size of suspended particles in the water column during harbour dredging in Pakri Bay, the Gulf of Finland
Sipelgas, Liis Boreal environment research 2011 / p. 42-48 : ill <https://www.borenv.net/BER/archive/pdfs/ber16/ber16A-042.pdf>

A Multi-Method Approach to Solid Insulation Aging Based on Partial Discharge Measurement = Osalahenduste mõõtmisel põhinev mitmemeetodiline lähenemine tahke isolatsiooni vananemisele
Choudhary, Maninder 2025 https://www.ester.ee/record=b5770973*est <https://doi.org/10.23658/taltech.86/2025>
<https://digikogu.taltech.ee/et/Item/cb37c9d8-aad4-4e09-8759-1125ea1247e0>

Multi-Rate Vibration Signal Analysis for Enhanced Data-Driven Monitoring of Bearing Faults in Induction Machines
El Bouharrouti, Nada; Koveshnikov, Semen; Garcia-Calva, Tomas Alberto; Vehvilainen, Milla; Kudelina, Karolina; Naseer, Muhammad Usman; Vaimann, Toomas; Belahcen, Anouar 2024 International Conference on Electrical Machines, ICEM 2024 2024 / 7 p. <http://dx.doi.org/10.1109/ICEM60801.2024.10700488>

Need for and objective of geotechnical engineering surveys
Tammemäe, Olavi; Torn, Hardi 5th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology : Kuressaare, January 14-19, 2008 2008 / p. 53-56

Neeruasendusravi jälgimise tehnoloogia TTÜst
Mente et Manu 2010 / lk. 2 https://www.ester.ee/record=b1242496*est

Network monitoring of educational and industrial needs for the mechanical engineering sector
Riives, Jüri; Papstel, Jüri; Otto, Tauno DAAAM international scientific book 2003 2003 / p. 507-518 : ill

Network monitoring of technological equipment and processes
Otto, Tauno; Papstel, Jüri Machine engineering 2003 / 1/2, Manufacturing flexibility design and development, p. 161-167 : ill

Noninvasive hemodynamic monitoring as a guide to drug treatment of uncontrolled hypertensive patients = Hemodünaamika mitteinvasiivne monitoorimine impedantskardiograafia meetodil ravimresistentse hüpertooniatõvega patsientide ravimivaliku juhtimiseks
Talvik, Anneli 2020 <https://digikogu.taltech.ee/et/Item/06020df1-dbea-4b87-98bd-d9a4d9e035a9>

On inferetive monitoring in the robots operating zone
Reedik, Vello Scandinavian Symposium on Robotics, October 4-6, 1994 1994 / p. 175-177: ill

On land-related carbon cycling monitoring and control in Estonia [Electronic resource]
Gavrilova, Olga; Randla, Tiina; Vilu, Raivo Proceedings of the Conference "11th ERP Environment/SDP2005 Conference", Helsinki 06-08. June 2005 2005 / p. 20 [CD-ROM]

On receiving water and self monitoring in Estonia and Viru-Peipsi project area with regard to drafting water resource management programs
Pachel, Karin Suomen Ympäristokeskuksen moniste. 328 2005 / p. 19-35

On-line and in-situ monitoring of cell concentrations with twin probe device
Wang, Yijun; Christensen, Knud Smed; Olsson, Lisbeth; Nielsen, Jens BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 335-338: ill

On-line diagnostics of aromatic hydrocarbons in the ambient air
Krasnova, Olga; Babitšenko, S.; Minko, S. 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 60

Optical model for monitoring resuspension of the bottom sediments
Erm, Ants; Kask, Andres; Soomere, Tarmo Coastal Environment : processes and evolution : Eurocoast - Littoral 2006 : Gdansk, 18-20 Sept. 2006 2006 / p. 150-157

Optimal condition monitoring of high voltage circuit breakers
Asefi, Sajjad 21st International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. III" : Pärnu, Estonia, June 15-18, 2022 2022 / p. 81-82 : ill https://www.ester.ee/record=b5504019*est

Patterns in recent and Holocene pollen accumulation rates across Europe - the Pollen Monitoring Programme Database as a tool for vegetation reconstruction
Vojtěch, Abraham; Hicksa, Sheila; Svobodová-Svitavská, Helena; Koff, Tiit; Veski, Siim Biogeosciences 2021 / p. 4511-4534 : ill

Performance comparison of PD data acquisition techniques for condition monitoring of medium voltage cables

Shafiq, Muhammad; **Kiitam, Ivar**; Kauhaniemi, Kimmo; Taklaja, Paul; **Kütt, Lauri**; **Palu, Ivo** Energies 2020 / art. 4272, 14 p. : ill <https://doi.org/10.3390/en13164272> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Piiratud sagedusribaga signaalide eriomaste tunnusjoonte eraldamine ja klassifitseerimine

Astapov, Sergei TTÜ üliõpilaste teadustööde konkursi kokkuvõtted : Tipika teaduskonverents, 24. november 2011, Tallinn 2011 / lk. 13

Pikaajaline termohaliinsete väljade simulatsioon Soome lahes

Maljutenko, Ilja TTÜ üliõpilaste teadustööde konkursi kokkuvõtted : Tipika teaduskonverents, 24. november 2011, Tallinn 2011 / lk. 9-10

Potential for an underwater glider component as part of the Global Ocean Observing System

Liblik, Taavi; Karstensen, Johannes; Testor, P. Methods in oceanography 2016 / p. 50-82 : ill <https://doi.org/10.1016/j.mio.2016.05.001> [Journal metrics at Scopus](#) [Article at Scopus](#)

Power system stability monitoring - an approach of electrical load modelling

Pajo, Raine 2004 https://www.ester.ee/record=b1953752*est

Production machinery utilization monitoring based on acoustic and vibration signal analysis

Astapov, Sergei; **Preden, Jürge-Sören**; **Aruväli, Tanel**; **Gordon, Boris** Proceedings of the 8th International Conference of DAAAM Baltic Industrial Engineering, 19-21st April 2012, Tallinn, Estonia. 1 2012 / p. 268-273 : ill

Production monitoring system with predictive functionality

Eiskop, Tanel; **Snatkin, Aleksei**; **Karjust, Kristo** Journal of engineering science and technology 2017 / p. 2410-2425 : ill <http://jestec.taylors.edu.my/V12Issue9.htm> [Journal metrics at Scopus](#) [Article at Scopus](#)

Production process quality monitoring

Salenieks, Narimants; Aizpuriētis, Agris; Balcers, Edgars; Mazais, Janis International DAAAM : [DAAAM National Estonia] : proceedings of the 1st International Conference 25-27th September 1997, Tallinn, Estonia 1997 / p. 88-90

PSL assertion checkers synthesis with ASM based HLS tool ABELITE

Jenihhin, Maksim; Baranov, Samary; **Raik, Jaan**; **Tihhomirov, Valentin** LATW 2012 : 13th IEEE Latin-American Test Workshop proceedings : April 10th-13th, 2012, Quito, Ecuador 2012 / [6 p.] : ill <https://ieeexplore.ieee.org/document/6261251>

Pulse wave time delay for blood pressure monitoring

Meigas, Kalju; **Kattai, Rain**; **Lass, Jaanus** 12th Nordic Baltic Conference on Biomedical Engineering and Medical Physics : 12NBC 2002, June 18th-22nd, Reykjavik, Iceland 2002 / p. 54-55 : ill

Pärnu-joen suualuella tehdyn automaattisten veden laaden tarkkailuasemien käyttökokeilun tuloksia

Viies, Vladimir Vesitalous 1985 / s. 27-30 https://www.ester.ee/record=b1202641*est

Rakenduslikud monitooringud lühilaine spektrialas

Meister, Mari-Anne; **Lossmann, Eerik** Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK neljanda aastakonverentsi artiklite kogumik : 26.-27. novembril 2010, Essu mõis 2010 / lk. 73-76 : ill

Raman and ATR FTIR spectroscopy in reactive crystallization : simultaneous monitoring of solute concentration and polymorphic state of the crystals

Qu, Haiyan; Alatalo, Hannu; Hatakka, Henry; Kohonen, Jarno; Louhi-Kultanen, Marjatta; Reinikainen, Satu-Pia; **Kallas, Juha** Journal of crystal growth 2009 / 13, p. 3466-3475 : ill <https://www.sciencedirect.com/science/article/pii/S0022024809004527>

Rannaprotsesside monitooring aerolaserskaneerimise korduvmõõtmistest

Grünthal, Erko; **Gruno, Anti**; **Ellmann, Artu** Geodeet 2013 / lk. 37-42 : ill

Rannikumere põhjataimestiku seire

Martin, Georg; **Murumets, Kai** Infoleht / Eesti Vabariigi Keskkonnaministeerium. Info- ja tehnokeskus 1997 / 1/2, lk. 11-14: ill

Real-time data streaming for functionally improved eHealth solutions

Reilent, Enar; **Kuusik, Alar**; **Puju, Madis** Proceedings : IEEE-EMBS International Conference on Biomedical and Health Informatics (BHI 2012) in conjunction with the 8th International Symposium on Medical Devices and Biosensors and the 7th International Symposium on Biomedical and Health Engineering "Global Grand Challenge of Health Informatics" : January 2-7, 2012, Hong Kong and Shenzhen, China 2012 / p. 140-143 : ill <https://ieeexplore.ieee.org/document/6211528>

Reoveepuhasti käitamine

Lember, Erki; Kõrgmaa, Vallo; Sikk, Aser Reoveepuhastuse käsiraamat 2023 / lk. 596-614

<https://lifecleanest.ee/sites/cleanest/files/2023-10/>

Retention of nitrate in groundwater. The case of Lake Peipsi basin, Estonia

lital, Arvo; Deelstra, Johannes; Stalnacke, Per; **Loigu, Enn**; Pihlak, Margus XXIII Nordic Hydrological Conference ["Fresh Water Resources Management"] : Tallinn, Estonia, 8-12 August 2004 : selected articles. Vol. I 2004 / p. 169-179 : ill

River water level monitoring from satellite radar altimetry multi missions a case study of the Amazon and Danube rivers

Mostafavi, Majid; Shirzad, R.; **Delpeche-Ellmann, Nicole Camille**; **Ellmann, Artu** 12th Coastal Altimetry Workshop : Coastal Altimetry Training Course, 4-7 February, 2020 : European Space Agency ESRIN, Frascati, Italy : abstracts 2020 / p. 34-35

<https://az659834.vo.msecnd.net/eventsairwesteuropa/production-nikal-public/ae128dad984c40168397660cc8d0ede7>

Road deformation monitoring using unmanned aerial vehicles

Varbla, Sander; **Ellmann, Artu**; **Puust, Raido** 30th International Baltic Road Conference August 23–24, 2021 : Abstracts 2021 / p.

58 https://balticroads.org/wp-content/uploads/2021/08/BRC_Abstacts_2021_V2.pdf

Road traffic emissions and emission reduction targets: case of Highway E18 in South-East Finland

Lähdeaho, Oskari; **Hilmola, Olli-Pekka Kristian** International journal of business performance and supply chain modelling 2021 / p.

306-327 <https://doi.org/10.1504/IJBPSM.2021.117912> [Journal metrics at Scopus](#) [Article at Scopus](#)

SCAAT: Secure cache alternative address table for mitigating cache logical side-channel attacks

Shalabi, Ameer; **Ghasempouri, Tara**; **Ellervee, Peeter**; **Raik, Jaan** 2020 23rd Euromicro Conference on Digital System Design (DSD), 26-28 August 2020, Kranj, Slovenia 2020 / art, 20035366, p. 213-217 <https://doi.org/10.1109/DSD51259.2020.00043>

Seismic monitoring in Estonia

Soosalu, Heidi Elisabet The 43rd Nordic Seismology Seminar : October 24-26, 2012, Nordic Hotel Forum, Tallinn, Estonia : programme, abstracts, list of participants 2012 / p. 29

Seismiline seire. Aruanne riikliku keskkonnaseire allprogrammi "Seismiline seire" täitmisest 2010. aastal (1 kd, 31 lk)

Soosalu, Heidi Elisabet Eesti Geoloogiakeskuse aastaraamat 2011 2012 / lk. 84-85 : kaart

Selecting the right KPIs for SMEs production with the support of PMS and PLM

Kaganski, Sergei; **Snatkin, Aleksei**; **Paavel, Marko**; **Karjust, Kristo** International journal of research in social sciences 2013 / p.

69-76 <https://www.semanticscholar.org/paper/SELECTING-THE-RIGHT-KPIs-FOR-SMEs-PRODUCTION-WITH-Kaganski-Snatkin/3c0a32d467b0f6b30b79da27fce5e3d41c976dcc>

Simulation and analysis of transformer winding inter-disk and inter-turn faults for online diagnosis

Nurmanova, Venera; **Ahmadihangar, Roya**; Aliakhmet, Kamilla; Naderi, Mohammad Salay 2019 IEEE International Conference on Environment and Electrical Engineering and 2019 IEEE Industrial and Commercial Power Systems Europe (EEEIC / I&CPS Europe) 2019 / 5 p. : ill <https://doi.org/10.1109/EEEIC.2019.8783743>

Sisekliima seireprogramm toob koolidesse mõõtmised ja teavitustöö

Arak, Evelin Ehitaja 2016 / lk. 44-45 : fot http://www.ester.ee/record=b1072123*est https://artiklid.elnet.ee/record=b2810887*est

Smart cargo container tracking and IT security management : Experimental results

Bauk, Sanja; Dzankic, Radoje Journal of maritime research 2024 / p. 128-134

<https://www.jmr.unican.es/index.php/jmr/article/view/851/855> [Journal metrics at Scopus](#) [Article at Scopus](#)

Smart fish counter for monitoring species, size, migration behaviour and environmental conditions

Tuhtan, Jeffrey Andrew; **Dubrovinskaya, Elizaveta**; **Miasayedava, Lizaveta**; **Pattanaik, Vishwajeet**; **Soom, Jürgen**;

Mockenhaupt, Bernd; Schütz, Cornelia; Haas, Christian; Thumser, Philipp 14th International Symposium on Ecohydraulics (ISE 2022)

: October 10-14, 2022 : Nanjing, China 2022 / p. 1-4 : ill https://iahr.oss-accelerate.aliyuncs.com/upload/file/20221009/20221009192625_67371.docx

Smart health care monitoring technologies to improve employee performance in manufacturing

Kõrbe Kaare, Kati; **Otto, Tauno** Procedia engineering 2015 / p. 826-833 : ill <https://doi.org/10.1016/j.proeng.2015.01.437> [Conference](#)

[proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

SMEAR Eesti – metsast pilveni ja tagasi [Võrguväljaanne]

Pajuste, Margo ohtuleht.ee 2021 ["SMEAR Eesti – metsast pilveni ja tagasi"](#)

Software defined short-range naval surveillance radar

Taklaja, Andres; **Madar, Urve**; **Müürsepp, Ivo**; **Ruuben, Toomas**; **Berdnikova, Julia** Software Defined Radar : proceedings of the NATO Research & Technology Organisation (RTO) : SET-136 Specialist Meeting on "Software Defined Radar" : Lisbon

(Portugal), June 23-25, 2009 2009 / ? p

Species composition and diatom indices in relation to environmental parameters in Estonian streams

Vilbaste, Sirje; Truu, Jaak; **Leisk, Ülle; Iital, Arvo** Archiv für hydrobiologie : supplement 2007 / 3/4, p. 307-326 : ill
https://www.schweizerbart.de/papers/largerivers/detail/17/80030/Species_composition_and_diatom_indices_in_relation_to_environmental_parameters_in_Estonian_streams

Steady-state monitoring in electric power systems

Meldorf, Mati; Sild, Ants Sähko-tele 1990 / 11, p. 42-46

Steady-state monitoring of power system

Meldorf, Mati 1995 http://www.ester.ee/record=b1069181*est

Stormwater quantity and quality of large urban catchment in Tallinn = Sademevee äravool ja kvaliteet suure linna valgalal Tallinna näitel

Maharjan, Bharat 2016 <https://digi.lib.ttu.ee/i/?7131> https://www.ester.ee/record=b4640577*est

Study of partial discharge characteristics in medium voltage cable insulation with internal defect

Choudhary, Maninder; Palu, Ivo; Kiitam, Ivar; Shafiq, Muhammad; Taklaja, Paul 2024 IEEE International Conference on High Voltage Engineering and Applications (ICHVE) 2024 / 4 p <https://doi.org/10.1109/ICHVE61955.2024.10676188>

A systematic literature review of cyber security monitoring in maritime

Vaarandi, Risto; Tsiopoulos, Leonidas; Visky, Gabor; Rehman, Muaan Ur; Bahsi, Hayretdin IEEE Access 2025 / p. 85307-85329 <https://doi.org/10.1109/ACCESS.2025.3567385>

TalTechi 2022. aasta parim arendustöö on nutikas lainemõõtja

geenius.ee 2023 [TalTechi 2022. aasta parim arendustöö on nutikas lainemõõtja](#)

Teadlased: Eesti saaks merealust taristut valvata veealuste mikrofonidega

Scientists: Estonia could monitor undersea infrastructure with microphones

Эстония могла бы контролировать подводные кабели с помощью микрофонов

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

Technical monitoring system of MHD drive

Jansikene, Raik Symposium on electrical power engineering, 27 January 1989 1989 / p. 101-106

Tehistaip aitab ehitada autosõbralikke teid

Imeline Teadus 2023 / lk. 21 : fot https://www.ester.ee/record=b2747925*est

Testing of PMU-based transmission loss monitoring application

Löper, Mari; Tuttelberg, Kaur; Kilter, Jako 16th International Symposium "Topical Problems in the Field of Electrical and Power Engineering. Doctoral School of Energy and Geotechnology III" : Pärnu, Estonia, January 16-21, 2017 2017 / p. 121-124 : ill
http://www.ester.ee/record=b4650094*est

The perspective of microbiotests application for the surface water monitoring and effluents control in Estonia

Blinova, Irina Environmental toxicology and water quality 2000 / 5, p. 385-389

The use of higher order differentiation for monitoring cavitation

Teder, Leo; Pappel, Toivo OST-03 Symposium on Machine Design 2003 / p. 165-168

The use of modelling for the analysis of river water quality monitoring data

Vassiljev, Anatoli; Blinova, Irina Tallinna Tehnikaülikooli Toimetised 1994 / lk. 24-31: ill

Tools and Techniques for event log analysis

Vaarandi, Risto 2005 https://www.ester.ee/record=b2045293*est

Towards effective monitoring of urban stormwater for better design and management

Maharjan, Bharat; Pachel, Karin; Loigu, Enn Estonian journal of earth sciences 2016 / p. 176-199 : ill
<https://doi.org/10.3176/earth.2016.12> https://artiklid.elnet.ee/record=b2802422*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Traceability of voltage and resistance measurements in Estonia

Pokatilov, Andrei; Kübarsepp, Toomas Transverse Disciplines in Metrology : proceedings of the 13th International Metrology Congress : 2007, Lille, France 2009 / p. 533-542 <https://onlinelibrary.wiley.com/doi/abs/10.1002/9780470611371.ch46>

Tracking (hazardous) cargo at sea : an experiment

Džankić, Radoje; Bauk, Sanja XVI međunarodni naučno-stručni skup Informacione Tehnologije za e-Obrazovanje : ITeO : zbornik radova 2024 / p. 27-35 https://iteo.rs.ba/sites/default/files/ITeO_Zbornik%20radova%202024%20%281%29.pdf

Trasseerimine jälgimis- ja juhtimissüsteemides

Kangilaski, Taivo A & A 1998 / 6, lk. 22-28: ill

Unsupervised anomaly based botnet detection in IoT networks

Nömm, Sven; Bahsi, Hayrettin 17th IEEE International Conference on Machine Learning and Applications : ICMLA 2018, 17–20 December 2018, Orlando, Florida, USA : proceedings 2018 / p. 1048-1053 <https://doi.org/10.1109/ICMLA.2018.00171>

Unsupervised fouling reconstruction in the pipe bend

lablonskyi, Denys; Rasgado Moreno, Carlos Omar; Ratasseppe, Madis; Klami, Arto; Hæggström, Edward; Salmi, Ari 2023 IEEE International Ultrasonics Symposium (IUS) 2023 / 3 p <https://doi.org/10.1109/IUS51837.2023.10306373>

Use of modeling for analysing of water quality monitoring data

Vassiljev, Anatoli; Blinova, Irina International conference HYDROTOP 94, Marseille, France, April 12-15, 1994 1994 / p. 405-411

Use of smartphone accelerometers for winter road maintenance improvement in urban areas

Kõrbe Kaare, Kati; Koppel, Ott; Kuhi, Kristjan Urban transport XIX 2013 / p. 253-263 : ill https://doi.org/10.2495/UT130201_ConferenceProceedings_at_Scopus [Article at Scopus](https://doi.org/10.2495/UT130201_ConferenceProceedings_at_Scopus)

Using UAV generated data for the characterisation of riverine systems - case study in the headwaters of the Volga River

Haas, Christian; Thumser, Philipp; Tuhtan, Jeffrey Andrew; Kuzovlev, Vyacheslav V.; Zhenikov, Yuri N.; Schletterer, Martin International Geographical Union Regional Conference "Geography, Culture and Society for our Future Earth" : 17-21 August 2015, Moscow, Russia : book of abstracts 2015 / p. 1594

Using wireless sensor network components in practical assignments of master's study mechatronics course

Hillemäe, Maido; Tamre, Mart 10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 10-15, 2011 2011 / p. 193-196 : ill

Uudne meetod neeruasendusravi paremaks jälgimiseks : Eesti Teadusfondi projekt "Uudne optiline tehnika dialüüsi kvaliteedi jälgimiseks ja hindamiseks", 2004-2006

Fridolin, Ivo Eesti Teadusfondi aastaraamat 2007 2008 / lk. 23 : ill

Uudset kalakaamerat testitakse Purtse jões

Kriis, Külli Põhjarannik 2025 / lk. 7 <https://dea.digar.ee/article/pohjarannik/2025/05/29/13.1> <https://pohjarannik.postimees.ee/8257784/uudset-kalakaamerat-testitakse-purtse-joes>

Uued uurimisvõimalused TalTechis avatud silmajälgimise laboris

Mente et Manu 2022 / lk. 8-9 : fot https://www.ester.ee/record=b1242496*est

Vabavaralised lahendused infosüsteemide monitooringuks

Vaarandi, Risto A & A 2004 / 4/5, lk. 110-116

Value for money : a cost-effectiveness analysis of microplastic analytics in seawater

Meyers, Nelle; Kopke, Kathrin; Buhhalko, Natalja; Mattsson, Karin; Janssen, Colin R.; Everaert, Gert; De Witte, Bavo Microplastics and nanoplastics 2024 / art. 4 <https://doi.org/10.1186/s43591-024-00081-x> [Journal metrics at Scopus](https://doi.org/10.1186/s43591-024-00081-x) [Article at Scopus](https://doi.org/10.1186/s43591-024-00081-x) [Article at WOS](https://doi.org/10.1186/s43591-024-00081-x)

Wear resistance analysis of duplex interpenetrating ceramic composites via in-situ vibration monitoring

Karimnejad, Arash; Auriemma, Fabio; Antonov, Maksim; Klimczyk, Piotr; Hussainova, Irina International journal of refractory metals and hard materials 2026 / art. 107454 <https://doi.org/10.1016/j.jrmhm.2025.107454>

Weather dependency of corona losses on 330 kV overhead transmission lines

Gupta, Pradeep Kumar; Tuttelberg, Kaur; Kilter, Jako International journal of electrical power & energy systems 2024 / art. 109537 <https://doi.org/10.1016/j.jepes.2023.109537> [Journal metrics at Scopus](https://doi.org/10.1016/j.jepes.2023.109537) [Article at Scopus](https://doi.org/10.1016/j.jepes.2023.109537) [Journal metrics at WOS](https://doi.org/10.1016/j.jepes.2023.109537) [Article at WOS](https://doi.org/10.1016/j.jepes.2023.109537)

What to monitor? Microplastics in a freshwater lake – From seasonal surface water to bottom sediments

Barone, Marta; Dimante-Deimantovica, Inta; Busmane, Sintija; Koistine, Arto; Poikane, Rita; Saarni, Saija; Stivrinš, Normunds; Tylmann, Wojciech; Uurasjärvi, Emilia; Viksna, Arturs Environmental Advances 2024 / art. 100577, 12 p. : ill <https://doi.org/10.1016/j.envadv.2024.100577> [Journal metrics at Scopus](https://doi.org/10.1016/j.envadv.2024.100577) [Article at Scopus](https://doi.org/10.1016/j.envadv.2024.100577)

Whole building algorithm for indoor air quality classification based on measured CO2 data

Aljas, Hans Kristjan; Parts, Tuule Mall; Thalfeldt, Martin Healthy Buildings 2023 Europe: Beyond Disciplinary Boundaries: proceedings ; 2 2023 / p. 852-859 : ill <https://www.proceedings.com/content/070/070278webtoc.pdf>

Wireless real-time monitoring of machining processes = Juhtmevaba reaalajas lõiketöötuse monitooring
Aruväli, Tanel 2015 http://www.ester.ee/record=b4446057*est

Üliõpilaste idufirma ehitab droonituastuse võrgustiku
Imeline Teadus 2025 / lk. 21 : fot https://www.ester.ee/record=b2747925*est

На реке Пуртсе тестируется инновационная камера для наблюдения за рыбой
Kriis, Külli severnojepoberezhje.postimees.ee 2025 <https://severnojepoberezhje.postimees.ee/8257931/eto-interesno-na-reke-purtse-testiruetsya-innovacionnaya-kamera-dlya-nablyudeniya-za-ryboy>

Наблюдения за управлением кровлей на шахте "Киыли"
Aruküla, Heino Сборник статей по химии и химической технологии. 9 1962 / с. 251-262 https://www.ester.ee/record=b2181586*est
<https://digikogu.taltech.ee/et/Item/d0996552-6e32-425c-a38e-d8f33ab8faf6>

О мониторинге пестицидов в поверхностных водах суши страны
Бражникова Л.В.; Шлычкова В.В.; Коротова Л.Г.; Винников Ю.Я. VIII симпозиум по проблемам качества воды водоемов : тезисы докладов, Таллинн, 23-25 октября 1990 г 1990 / с. 17-18

Слежение за режимом электроэнергетической системы
Meldorf, Mati; Sild, Ants Вопросы стохастического управления режимами энергетических систем 1987 / с. 19-31 : илл
https://www.ester.ee/record=b1224602*est <https://digikogu.taltech.ee/et/Item/3e0eab00-e829-412f-8ce6-ba0ab86db07e>