

Autonomous underwater device for 2D particle image velocimetry field analysis

Buschmann, Fred; Erm, Ants; Listak, Madis; Rebane, Jaan; Toming, Gert BSSC 9th Baltic Sea Science Congress 2013 : New Horizons for Baltic Sea Science, Klaipeda, Lithuania, 26-30 August 2013 : [abstracts] 2013 / p. 147

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>

Camera gimbal control system for unmanned platforms

Tiimus, Kristjan; Tamre, Mart Proceedings of the 7th International Conference of DAAAM Baltic Industrial Engineering : 22-24th April 2010, Tallinn, Estonia. [II] 2010 / p. 560-565 : ill

Camera gimbal control system for unmanned platforms

Tiimus, Kristjan; Tamre, Mart 8th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology. II : [Pärnu, January 11-16, 2010 : proceedings] 2010 / p. 202-207 : ill

Camera gimbal performance improvement with spinning-mass mechanical gyroscopes

Tiimus, Kristjan; Tamre, Mart Proceedings of the 8th International Conference of DAAAM Baltic Industrial Engineering, 19-21st April 2012, Tallinn, Estonia. 1 2012 / p. 361-366 : ill

Camera gimbal performance improvement with spinning-mass mechanical gyroscopes

Tiimus, Kristjan; Tamre, Mart 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. 160-163 : ill

Camera-LiDAR fusion based object segmentation in adverse weather conditions for autonomous driving

Gu, Junyi; Bellone, Mauro; Lind, Artjom 2024 19th Biennial Baltic Electronics Conference (BEC) 2024 <https://doi.org/10.1109/BEC61458.2024.10737955> Conference proceedings at Scopus Article at Scopus Article at WOS

Coin recognition using line scan camera

Gavrijaševa, Alina; Märten, Olev; Land, Raul; Reidla, Marko BEC 2014 : 2014 14th Biennial Baltic Electronics Conference : proceedings of the 14th Biennial Baltic Electronics Conference : Tallinn University of Technology, October 6-8, 2014, Tallinn, Estonia 2014 / p. 161-164 : ill

Computer vision in applications of adaptive management

Shvarts, Dmitry; Tamre, Mart 8th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology. II : [Pärnu, January 11-16, 2010 : proceedings] 2010 / p. 212-215 : ill

Deliverable 2.7 Initial AI-Driven Edge Computing and Precise Localization Demonstrator

Mürsepp, Ivo 2023 [Deliverable 2.7 Initial AI-Driven Edge Computing and Precise Localization Demonstrator \(PDF\)](#)

Design of passive Bokode marker

Juurma, Märt; Ehala, Johannes; Tamre, Mart 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. 131-133 : ill

Designing Compact Convolutional Neural Network for Embedded Stereo Vision Systems

Loni, Mohammad; Majd, Amin; Loni, Abdolah; **Daneshtalab, Masoud**; Sjödin, Mikael; Troubitsyna, Elena 2018 IEEE 12th International Symposium on Embedded Multicore/Many-core Systems-on-Chip : MCSoc 2018 : proceedings 2018 / p. 244-251 : ill <https://doi.org/10.1109/MCSoc2018.2018.00049>

Eestis tehtud kaamera lennutatakse Kuule

Maran, Kaur Postimees 2021 / Lk. 19 <https://dea.digar.ee/article/postimees/2021/01/22/14.6>

Estimating fish swimming speed using non-invasive backpacksensors in a laboratory flume at high flow velocities

Kopecki, Iana; Tuhtan, Jeffrey Andrew; Wagner, Falko; Roessger, Tom; Hägele, Tobias; Schneider, Matthias; Hoerner, Stefan Proceedings of the 15th International Symposium on Ecohydraulics and Fish Passage 2024 (ISE-FP) 2024 / 1 p. https://www.sjweb.de/pdf/ISE_QuebecBackpackSensors_FishSpeed.pdf

Estonia vrakki hakatakse uurima tipptechnikaga ning erilise täpsusega

Lehepuu, Grete Eesti Ekspress 2021 / Lk. 18-19 : ill <https://dea.digar.ee/article/eestiekspress/2021/05/19/13.3>

Euroopa Kosmoseagentuuri Eesti äriinkubaatoris on veel neli vaba kohta! [Võrguväljaanne]

goodnews.ee 2021 ["Euroopa Kosmoseagentuuri Eesti äriinkubaatoris on veel neli vaba kohta!"](#)

Hyperspectral imaging methods improve RGB image semantic segmentation of unstructured terrains

Liyanage, Dhanushka Chamara; Hudjakov, Robert; Tamre, Mart 15th International Conference Mechatronic Systems and

Materials : MSM'2020 : The book of selected, peer reviewed papers presented at the 15th International Conference Mechatronic Systems and Materials MSM'2020, July 1-3, 2020, Bialystok, Poland 2020 / 5 p. ill <https://doi.org/10.1109/MSM49833.2020.9201738>

Kaamera vestitaskus : [Fotokaamera "Minox" leiutajast W. Zappist]

Hendre, Enn Edasi : EKP Tartu Linnakomitee, EKP Tartu Rajoonikomitee, Tartu Linna RSN ja Tartu Rajooni RSN häälekandja 1986 / lk. 6 ; 3-5 jaan. ; 7.-10. jaan https://www.ester.ee/record=b1271061*est

Kamerabasiertes Monitoring von Fischen in Deutschland und der Schweiz

Haas, Christian; Meyer, Matthias; Schmalz, Maria; **Tuhtan, Jeffrey Andrew** WasserWirtschaft 2024 / p. 19 - 29

<https://doi.org/10.1007/s35147-024-2401-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Kerra püütud valgus

Strandberg, Marek Inseneeria 2015 / lk. 10 : fot https://artiklid.elnet.ee/record=b2748895*est

3D-kaamerad - jälle üks

Strandberg, Marek Inseneeria 2015 / lk. 41 : ill https://artiklid.elnet.ee/record=b2738580*est

Militaarobjektide valvetehnoloogia areng

Udal, Andres; Kaugerand, Jaanus; Savimaa, Raul; Märten, Olev Sõjateadlane = Estonian journal of military studies 2023 / lk. 194-224 : ill [Militaarobjektide valvetehnoloogia areng](#) <https://www.kvak.ee/sojateadlane22/> https://www.ester.ee/record=b4555087*est

"Minox" ja selle leiutamislugu

Hendre, Enn; Korsaks, Peteris Tehnilise mõtte ja tehnikahariduse ajaloo probleeme Eestis : vabariikliku konverentsi (20.-21. detsember 1984) materjalid. I, Tehniline mõte 1985 / lk. 23-30 : ill https://www.ester.ee/record=b1254366*est

Novel band-subtraction technique to differentiate screws for microwave cavity filter tuning

Sekhri, Even; Tamre, Mart; Kapoor, Rajiv; **Liyanage, Dhanushka Chamara** 2023 3rd International Conference on Electrical, Computer, Communications and Mechatronics Engineering (ICECCME) 2023 / 6 p <https://doi.org/10.1109/ICECCME57830.2023.10253048>

A Novel Vision Transformer for Camera-LiDAR Fusion based Traffic Object Segmentation

Tahves, Toomas; Gu, Junyi; Bellone, Mauro; Sell, Raivo Proceedings of the 17th International Conference on Agents and Artificial Intelligence : Volume 2 2025 / p. 566-573 <https://doi.org/10.5220/0013239000003890>

Open source hardware cost-effective imaging sensors for high-throughput droplet microfluidic systems

Pärnamets, Kaiser; Koel, Ants; Pardy, Tamas; Rang, Toomas Proceedings of 26th International Conference : ELECTRONICS 2022 2022 / 6 p <https://doi.org/10.1109/IEEECONF55059.2022.9810383>

Particle Image Velocimetry - an attractive method to make the near bottom velocity field visible [Online resource]

Buschmann, Fred; Erm, Ants; Listak, Madis Baltic Earth Workshop on multiple drivers for Earth system changes in the Baltic Sea region : Tallinn University of Technology, Tallinn, Estonia 26-27 November 2018 : [programme, abstracts, participants] 2018 / p. 30 https://www.baltic-earth.eu/multipledrivers2018/material/No.14_Tallinn2018.pdf

Photogrammetric analysis of Apollo 11 imagery: new camera-station map with improved locations

Pustõnski, Vladislav-Veniamin; Jones, Eric M. Apollo 11 Lunar Surface Journal 2010

Päevavalguses talitlev koroonaakaamera

Dorovatovski, Nikolai Elektriala 2003 / 2, lk. 7-9

Real-time multi-modal active vision for object detection on UAVs equipped with limited field of view LiDAR and camera

Shi, Chuanbeibei; Lai, Ganghua; Yu, Yushu; **Bellone, Mauro**; Lippiello, Vincezo IEEE Robotics and Automation Letters 2023 / p. 6571 - 6578 <https://doi.org/10.1109/LRA.2023.3309575> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reporter: Tallinna Tehnikaülikoolile anti üle erineva võimekusega tipptasemel termokaameraid [Võrguväljaanne]

elu24.ee 2021 ["Reporter: Tallinna Tehnikaülikoolile anti üle erineva võimekusega tipptasemel termokaameraid"](#)

Sensitivity analysis of corona discharges measuring instruments using different electrodes and high voltage supplies

Gupta, Pradeep Kumar; Riba Ruiz, Jordi-Roger; Casals-Torrens, Pau; Talens i Garvín, Jordi; **Tuttelberg, Kaur; Kilter, Jako** IEEE Sensors Letters 2024 / art. 6015704 <https://doi.org/10.1109/LSSENS.2024.3504551>

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

TalTechi teadlane : Eestis loodud veealused kaamerad aitavad jõgesid üle Euroopa taaselustada ja kaardistada veealust liiklust

Tuhtan, Jeffrey Andrew geenius.ee 2022 [TalTechi teadlane : Eestis loodud veealused kaamerad aitavad jõgesid üle Euroopa taaselustada ja kaardistada veealust liiklust](#)

TalTechis avati Eesti esimene ilma kassa ja teenindajateta pood

Mente et Manu 2022 / lk. 7 : fot https://www.ester.ee/record=b1242496*est

TTÜ tipptehnoloogilised kaamerad näevad nähtamatut

Jõesaar, Tuuli Eesti Päevaleht 2017 / lk. 6 <https://epl.delfi.ee/artikkel/77029806/ttu-tipptehnoloogilised-kaamerad-naevad-nahtamatut>

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>

Uue tudengisatelliidi SUTS avaüritus

postimees.ee 2024 [Uue tudengisatelliidi SUTS avaüritus](#)

Uusi nõukogude fotokaameraid

Sivadi, Aleksander Populaar- ja rakendustehniline kogumik. 6 1951 / lk. 69-71 : ill https://www.ester.ee/record=b1435798*est

Virumaa kolledži tudengid soovivad viia targa linnumaja massidesse [Võrguväljaanne]

Sommer-Kalda, Sirle pohjarannik.postimees.ee 2022 [Virumaa kolledži tudengid soovivad viia targa linnumaja massidesse](#)

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>

Скоростная рентгеновская камера для обратной съемки

Pilvre, Uno Сборник трудов по физике. 2 1959 / с. 12-18 : илл https://www.ester.ee/record=b2181326*est
<https://digikogu.taltech.ee/et/Item/9340af8f-ba22-4238-b44c-9c7f4d4b79fb>

Студенты Вирумааского колледжа хотят запустить умный скворечник в массы [Online resources]

Sommer-Kalda, Sirle severnojepoberezhje.postimees.ee 2022 [Студенты Вирумааского колледжа хотят запустить умный скворечник в массы](#)

Универсальная рентгеновская камера для съемки поликристаллических образцов

Mosberg, Rudolf Сборник трудов по физике. 1 1959 / с. 57-72 : илл https://www.ester.ee/record=b2181306*est
<https://digikogu.taltech.ee/et/Item/db723e21-6629-468d-adb0-cd5b56bb53a2>