Aasta parimad teadusartiklid
Mente et Manu 2023 / lk. 22-25 : fot https://www.ester.ee/record=b1242496*est

Aerial imagery terrain classification for long-range autonomous navigation
Hudjakov, Robert; **Tamre, Mart** Proceedings of International Symposium on Optomechatronic Technologies : ISOT 2009 2009 / p. 88-91 https://ieeexplore.ieee.org/document/5326104

Aerial imagery terrain classification for long-range autonomous navigation
Hudjakov, Robert; **Tamre, Mart** Proceedings of the 7th International Conference of DAAAM Baltic Industrial Engineering : 22-24th April 2010, Tallinn, Estonia. [II] 2010 / p. 530-535 : ill

Applying RIS-based communication for collaborative computing in a swarm of drones
Rahbari, Dadmehr; **Alam, Muhammad Mahtab**; **Le Moullec, Yannick**; **Jenihhin, Maksim** IEEE Access 2023 / p. 70093−70109 https://doi.org/10.1109/ACCESS.2023.3293737 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Arukas droon lennutas kohale pitsa ja teeb keskkonnaressursside seiret
Mente et Manu 2019 / lk. 31 : fot https://www.ttu.ee/public/m/mente-et-manu/MM_05_2019/mobile/index.html https://www.ester.ee/record=b1242496*est

Brief Communication : mapping river ice using drones and structure from motion
Alfredsen, Knut; Haas, Christian; **Tuhtan, Jeffrey Andrew**; Zinke, Peggy The cryosphere 2018 / p. 627-633 : ill https://doi.org/10.5194/tc-12-627-2018 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Business opportunities for a ground effect vehicle - case of Canary Islands
Otsason, Riina; **Hilmola, Olli-Pekka**; **Tapaninen, Ulla**; Tovar, Beatriz Transport and Telecommunication 2024 / p. 473 - 482 https://doi.org/10.2478/ttj-2024-0034 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

Cell coverage analysis of a low altitude aerial base station in wind perturbations
Sharma, Navuday; Sharma, Vishal; Magarini, Maurizio; Pervaiz, Haris; **Alam, Muhammad Mahtab**; **Le Moullec, Yannick** 2019 IEEE Globecom Workshops (GC Wkshps) : Proceedings 2019 / 6 p https://doi.org/10.1109/GCWkshps45667.2019.9024665

CITYAM empowers responsible urban air mobility : deliverable of activity 1.5 - setting up the evaluation framework
Müür, Jaanus 2024 https://interreg-baltic.eu/wp-content/uploads/2024/02/D1.5-Setting-up-the-evaluation-framework-final.pdf

Civil liability regime for artificial intelligence : European added value assessment
Evas, Tatjana 2020 https://www.europarl.europa.eu/RegData/etudes/STUD/2020/654178/EPRS_STU(2020)654178_EN.pdf https://doi.org/10.2861/737677

Comparision of aerial imagery and satellite imagery for autonomous vehicle path planning
Hudjakov, Robert; **Tamre, Mart** Proceedings of the 8th International Conference of DAAAM Baltic Industrial Engineering, 19-21st April 2012, Tallinn, Estonia. 1 2012 / p. 301-308 : ill

Complete capillary electrophoresis process on a drone : towards a flying micro-lab
Drevinskas, Tomas; Maruška, Audrius; Girdauskas, Valdas; Dūda, Gediminas; **Gorbatšova, Jelena**; **Kaljurand, Mihkel** Analytical Methods 2020 / p. 4977 - 4986 https://doi.org/10.1039/d0ay01220c Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A comprehensive survey on revolutionizing connectivity through artificial intelligence-enabled digital twin network in 6G
Sheraz, Muhammad; Chuah, Teong Chee; Lee, Ying Loong; **Alam, Muhammad Mahtab**; Al-Habashna, Ala'a; Han, Zhu IEEE Access 2024 / p. 49184-49215 https://doi.org/10.1109/ACCESS.2024.3384272 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Conceptual test bench for small class unmanned autonomous vehicle performance estimation
Pütsep, Kristjan; **Rassõlkin, Anton**; **Vaimann, Toomas** 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. 695-698 : ill https://doi.org/10.1109/PEMC48073.2021.9432509

A configurable radio jamming prototype for physical layer attacks against malicious unmanned aerial vehicles

Caforio, Giulio; Scazzoli, Davide; Reggiani, Luca; Magarini, Maurizio; **Le Moullec, Yannick**; **Alam, Muhammad Mahtab** 2020 17th Biennial Baltic electronics conference, Tallinn, Estonia, October 6-8, 2020 : proceedings 2020 / 6 p. : ill https://doi.org/10.1109/BEC49624.2020.9277253

Control Multirrádio de Drones Multirrotor Autónomos: Modelización y Simulación
Astrov, Igor 2023 Control Multirrádio de Drones Multirrotor Autónomos: Modelización y Simulación

Contrôle Multirate des Drones Multirotors Autonomes: Modélisation et Simulation
Astrov, Igor 2023 Contrôle Multirate des Drones Multirotors Autonomes: Modélisation et Simulation

Controllo multirate di droni multirotori autonomi : modellazione e simulazione
Astrov, Igor 2023 Controllo Multirate di Droni Multirotori Autonomi: Modellazione e Simulazione

Controlo Multirato de Drones Multirotor Autónomos: Modelação e Simulação
Astrov, Igor 2023 Controlo Multirato de Drones Multirotor Autónomos: Modelação e Simulação

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

Desired trajectory generation of a quadrotor helicopter using hybrid control for enhanced situational awareness
Astrov, Igor; **Pedai, Andrus**; **Rüstern, Ennu** Proceedings of the 2010 IEEE International Conference on Information and Automation : June 20-23, Harbin, China 2010 / p. 1003-1007 : ill https://ieeexplore.ieee.org/document/5512295

Development and testing of vertical take-off and landing aerial vehicle with tandem electric ducted fan motor
Pütsep, Kristjan; **Nerep, Tõivo**; **Tiismus, Hans**; **Rassõlkin, Anton** Proceedings of the Estonian Academy of Sciences 2023 / p. 184–193 https://doi.org/10.3176/proc.2023.2.08 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Aricle at WOS

Device-to-device discovery and localization assisted by UAVs in pervasive public safety networks
Masood, Ali; **Sharma, Navuday**; **Alam, Muhammad Mahtab**; **Le Moullec, Yannick**; Scazzoli, Davide; Magarini, Maurizio; Ahmad, Rizwan Proceedings of the ACM MobiHoc workshop on innovative aerial communication solutions for FIrst REsponders network in emergency scenarios : iFIRE '19, Catania, Italy, July 2-5, 2019 2019 / p. 6-11 https://doi.org/10.1145/3331053.3335031

Doktoritöö aitab droone kuulekamaks muuta
Reimann, Andres novaator.err.ee 2023 Doktoritöö aitab droone kuulekamaks muuta https://digikogu.taltech.ee/et/Item/17167e2e-2c31-451c-834d-1da98160b2ce

A DRL strategy for optimal resource allocation along with 3D trajectory dynamics in UAV-MEC network
Khurshid, Tayyaba; Ahmed, Waqas; Rehan, Muhammad; Ahmad, Rizwan; **Alam, Muhammad Mahtab**; Radwan, Ayman IEEE Access 2023 / p. 54664 - 54678 https://doi.org/10.1109/ACCESS.2023.3278591 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Droon lendab terroriohvreile appi
Imeline Teadus 2021 / lk. 20 : fot https://www.ester.ee/record=b2747925*est

Droonid uurivad vihmausside bioindikatsiooni abil raskemetallide levikut keskkonnas
Mente et Manu 2018 / lk. 35 : fot http://www.ester.ee/record=b1242496*est http://dea.digar.ee/publication/AKmenteetmanu https://www.ttu.ee/public/m/mente-et-manu/MM_05_2018/mobile/index.html https://artiklid.elnet.ee/record=b2868933*est

Droonide lihtsus ja odavus võimaldab neid sõjas massiliselt kasutada [Võrguväljaanne]
Klementi, Joakim err.ee 2022 Droonide lihtsus ja odavus võimaldab neid sõjas massiliselt kasutada

Droonimured ja nende lahendused
Strandberg, Marek Inseneeria 2016 / lk. [6] : fot https://artiklid.elnet.ee/record=b2796762*est

Edge intelligence resource consumption by UAV-based IR object detection
Polukhin, Andrii; **Gordienko, Yuri**; **Leier, Mairo**; **Jervan, Gert**; **Rokovyi, Oleksandr**; **Alienin, Oleg**; **Stirenko, Sergii** UAVM '23 : proceedings of the 2023 Workshop on UAVs in multimedia : capturing the world from a new perspective 2023 / p. 57-61 https://doi.org/10.1145/3607834.3616566

Edge-to-Fog collaborative computing in a swarm of drones
Rahbari, Dadmehr; **Alam, Muhammad Mahtab**; **Le Moullec, Yannick**; **Jenihhin, Maksim** Advances in Model and Data Engineering in the Digitalization Era : MEDI 2021 International Workshops: DETECT, SIAS, CSMML, BIOC, HEDA, Tallinn, Estonia, June 21–23, 2021 : proceedings 2021 / p. 78–87 https://doi.org/10.1007/978-3-030-87657-9_6 Conference Proceedings at Scopus Article at Scopus

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 lennundus: turbulents või tõus?
Nõmmik, Allan Trialoog 2025

Eesti taevas andurite valve all : drooniradar tuvastab, mis meie peade kohal lendab
Einama, Kaido postimees.ee 2025 https://tehnika.postimees.ee/8272680/eesti-taevas-andurite-valve-all-drooniradar-tuvastab-mis-meie-peade-kohal-lendab

Eesti teadlaste juhtimisel luuakse droonilahendus terrorirünnaku ohvrite aitamiseks [Võrguväljaanne]
digi.geenius.ee 2021 "Eesti teadlaste juhtimisel luuakse droonilahendus terrorirünnaku ohvrite aitamiseks"

Ehitustegevuse kaardistamine kaugseirega
Puust, Raido Horisont 2020 / lk. 49-53 : fot https://www.ester.ee/record=b1072243*est

Energy consumption of mini UAV helicopters with different number of rotors
Aleksandrov, Dmitri; **Penkov, Igor** 11th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 16-21, 2012 2012 / p. 259-262 : ill

Energy saving types of mini unmanned aerial vehicles
Aleksandrov, Dmitri; **Penkov, Igor** 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. 117-120 : ill

Enhanced situational awareness for AUV's stochastic model by multirate neural control
Astrov, Igor; **Pedai, Andrus** SysCon 2010 Proceedings : 2010 IEEE International Systems Conference (SysCon 2010), San Diego, California, USA, April 5-8, 2010 2010 / p. 66-70 : ill https://ieeexplore.ieee.org/document/5482465

Enhancing situational awareness by means of hybrid adaptive neural control of vertical flight in unmanned helicopter [Electronic resource]
Pedai, Andrus; **Astrov, Igor** ICCAS 2008 CD-ROM proceedings : International Conference on Control, Automation and Systems 2008 (ICCAS 2008, Seoul, Korea, October 14-17, 2008) 2008 / p. 329-332 [CD-ROM] https://ieeexplore.ieee.org/document/4694666

Enhancing the cyber resilience of sea drones
Orye, Erwin; **Visky, Gabor**; Rohl, Alexander; Maennel, Olaf Manuel CyCon 2024 : Over the Horizon 16th International Conference on Cyber Conflict 2024 / p. 83-102 https://ccdcoe.org/uploads/2024/05/CyCon_2024_Orye_Visky_Rohl_Maennel-1.pdf https://doi.org/10.23919/CyCon62501.2024.10685581 Conference proceedings at Scopus Article at Scopus Article at WOS

Estonian making steps towards joining international UAV Community
Leomar, Priit; **Tamre, Mart**; Vaher, Tõnu Proc. of Conf. EURO UAV : 2004, France 2004 / [11] p

Estonian scientists create a drone solution to help victims of terrorist attacks [Online resource]
Hankewitz, Sten estonianworld.com 2021 "Estonian scientists create a drone solution to help victims of terrorist attacks"

Fast and fair computation offloading management in a swarm of drones using a rating-based federated learning approach
Rahbari, Dadmehr; **Alam, Muhammad Mahtab**; **Le Moullec, Yannick**; **Jenihhin, Maksim** IEEE Access 2021 / p. 113832-113849 https://doi.org/10.1109/ACCESS.2021.3104117 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Flight control of a trirotor mini-UAV for enhanced situational awareness
Astrov, Igor; **Pedai, Andrus** Proceedings of the World Academy of Science, Engineering and Technology 2010 / p. 271-277 : ill https://zenodo.org/records/1060629

Flight control of a trirotor mini-UAV for enhanced situational awareness [Electronic resource]
Astrov, Igor; **Pedai, Andrus** ICAAE 2010 CD-ROM Proceedings : International Conference on Aeronautical and Astronautical Engineering : Amsterdam, Netherlands, September 28-29, 2010 2010 / p. 316-322 [CD-ROM]

Flight control of TUAV with coaxial rotor and ducted fan configuration by NARMA-L2 controllers for enhanced situational awareness
Astrov, Igor; **Pedai, Andrus**; **Gordon, Boris** World Academy of Science, Engineering and Technology 2012 / p. 75-81 : ill https://publications.waset.org/13553/flight-control-of-tuav-with-coaxial-rotor-and-ducted-fan-configuration-by-narma-l2-controllers-for-enhanced-situational-awareness

Flight control of TUAV with coaxial rotor and ducted fan configuration by NARMA-L2 controllers for enhanced situational awareness [Electronic resource]
Astrov, Igor; **Pedai, Andrus**; **Gordon, Boris** ICCEA 2012 CD-ROM Proceedings : [International Conference on Computer

Engineering and Applications (ICCEA 2012) : Copenhagen, Denmark, June 11-12, 2012] 2012 / p. 75-81 : ill [CD-ROM]
https://publications.waset.org/13553/flight-control-of-tuav-with-coaxial-rotor-and-ducted-fan-configuration-by-narma-l2-controllers-for-enhanced-situational-awareness

Flight trajectory control of an eight-rotor UAV for enhanced situational awareness
Astrov, Igor; **Pedai, Andrus** Recent Researches in System Science : proceedings of the 15th WSEAS International Conference on Systems (part of the 15th WSEAS CSCC Multiconference) : Corfu Island, Greece, July 14-16, 2011 2011 / p. 77-82
http://www.wseas.us/e-library/conferences/2011/Corfu/SYSTEMS/SYSTEMS-10.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

GPS jamming hard to combat
Rohemäe, Maria-Ann news.err.ee 2024 GPS jamming hard to combat GPS jamming hard to combat

GPS-i segamisel võib olla mitu põhjust
Lauri, Vahur err.ee 2024 GPS-i segamisel võib olla mitu põhjust

Improving motion safety and efficiency of intelligent autonomous swarm of drones
Majd, Amin; Loni, Mohammad; Sahebi, Golnaz; **Daneshtalab, Masoud** Drones 2020 / art. 48, 19 p. : ill
https://doi.org/10.3390/drones4030048

Increasing of power characteristics of mini UAV helicopter by changing of its geometrical parameters
Aleksandrov, Dmitri; **Penkov, Igor** Machines, technologies, materials : [virtual journal] 2012 / p. 30-32 : ill http://trans-motauto.com/sbornik/2012/22.INCREASING%20OF%20POWER%20CHARACTERISTICS%20OF%20MINI%20UAV%20HELICOPTER%20BY%20CHANGING%20OF%20ITS%20GEOMETRICAL%20PARAMETERS.pdf

Innovatsioon keskkonnamõõtmises ühendab droonid ja vihmaussid
Ivask, Mari; **Rüütli, Rinaldo**; Lepasaar, Tiit; **Nei, Lembit**; **Raamets, Jane**; **Kuu, Annely** Jälg 2019 / lk. 52-58
https://www.ester.ee/record=b5154573*est

Integrating drone-captured sub-catchment topography with multiphase CFD modelling to enhance urban stormwater management
Kaur, Katrin; **Annus, Ivar**; **Truu, Murel**; **Kändler, Nils**; **Paalmäe, Iris** The 3rd International Joint Conference on Water Distribution Systems Analysis & Computing and Control for the Water Industry (WDSA/CCWI 2024) 2024 / art. 31
https://doi.org/10.3390/engproc2024069031 Conference proceedings at Scopus Article at Scopus

Interactive maps for knowledge based guidance of UAV
Meriste, Merik; **Mõtus, Leo**; **Kelder, Tõnu**; Helekivi, Jüri; Polikarpus, M. Proceedings : SCI-202 Symposium on Intelligent Uninhabited Vehicle Guidance Systems : München, 30 June - 2 July 2009 2009 / p. 14-1 - 14-22

Internet of drones-enabled Smart Cities
Sharma, Navuday; Magarini, Maurizio; **Alam, Muhammad Mahtab** IoT Architectures, Models, and Platforms for Smart City Applications 2020 / p. 107-133 https://doi.org/10.4018/978-1-7998-1253-1.ch006

Kaupo Reede: Eesti tööstuse konkurentsivõimet pärsib kasin innovatsioon
Maidla, Margus novaator.err.ee 2024 Kaupo Reede: Eesti tööstuse konkurentsivõimet pärsib kasin innovatsioon

Kuidas juhtida droone linnataevas?
Müür, Jaanus; Martijnse-Hartikka, Renske Trialoog 2025 https://trialoog.taltech.ee/triavoog-kuidas-juhtida-droone-linnataevas/

Kuidas juhtida lihtsat, aga võimekat drooni?
Imeline Teadus 2024 / lk. 20 https://www.ester.ee/record=b2747925*est

Managing critical nodes in UAV assisted disaster networks
Hassan, Ali; Ahmad, Rizwan; Ahmed, Waqas; Magarini, Maurizio; **Alam, Muhammad Mahtab** 2020 17th Biennial Baltic electronics conference, Tallinn, Estonia, October 6-8, 2020 : proceedings 2021 / 6 p. : ill https://doi.org/10.1109/BEC49624.2020.9276993

Mehitamata lennumasinad
Luczkowski, Teodor Tehnikamaailm 2003 / 8, lk. 74-77 : ill https://artiklid.elnet.ee/record=b1043064*est

Methodology for flight controllers for nano, micro and mini drones classification
Pütsep, Kristjan; **Rassõlkin, Anton** 2021 International Conference on Engineering and Emerging Technologies (ICEET), Istanbul, Turkey, 27-28 Oct. 2021 : conference proceedings 2021 / 7 p. : ill https://doi.org/10.1109/ICEET53442.2021.9659572

Militaarobjektide valvetehnoloogia areng
Udal, Andres; **Kaugerand, Jaanus**; **Savimaa, Raul**; **Märtens, 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

Modelling and simulation of autonomous vehicles and systems and their advanced control methods = Autonoomsete sõidukite ja süsteemide ning nende täiustatud juhtimismetoodikate modelleerimine ja simuleerimine
Pedai, Andrus 2021 https://www.ester.ee/record=b5391357*est https://digikogu.taltech.ee/et/Item/654ccb12-0d81-4ae2-ae07-11248063913c https://doi.org/10.23658/taltech.9/2021

Motion control of TUAV having eight rotors for enhanced situational awareness
Astrov, Igor; **Pedai, Andrus** World Academy of Science, Engineering and Technology 2011 / p. 694-701 : ill https://zenodo.org/records/1070115

Motion control of X4-flyer for enhanced situational awareness
Astrov, Igor; **Pedai, Andrus** Latest trends on systems : 14th WSEAS International Conference on Systems : Greece, July 22-24. Vol. 1 2010 / p. 123-128: ill https://www.researchgate.net/publication/228503868_Motion_control_of_X4-flyer_for_enhanced_situational_awareness

Motor failure tolerant control system with self diagnostics for unmanned multirotors
Ambroziak, Leszek; **Simha, Ashutosh**; Pawluszewicz, Ewa; Kotta, Ülle 2019 24th International Conference on Methods and Models in Automation and Robotics (MMAR) 2019 / p. 422–427 : ill https://doi.org/10.1109/MMAR.2019.8864726

Multirate Control of Autonomous Multirotor Drones : Modeling and Simulation
Astrov, Igor 2023 https://www.amazon.com/dp/6200646651/ref=sr_1_1?qid=1682616238&refinements=p_27%3AIgor+Astrov&s=books&sr=1-1&text=Igor+Astrov

Multirate-Steuerung von Autonomen Multirotor-Drohnen : Modellierung und Simulation
Astrov, Igor 2023 https://www.amazon.com.au/Multirate-Steuerung-von-autonomen-Multirotor-Drohnen-Modellierung/dp/6206026779

Neural network control of vehicles : modeling and simulation
Astrov, Igor 2022 https://doi.org/10.52305/GXGD6357 https://www.ester.ee/record=b5642329*est

Object detection for rescue operations by high-altitude infrared thermal imaging collected by unmanned aerial vehicles
Polukhin, Andrii; Gordienko, Yuri; **Jervan, Gert**; Stirenko, Sergii Pattern Recognition and Image Analysis : 11th Iberian Conference, IbPRIA 2023, Alicante, Spain, June 27–30, 2023 : proceedings 2023 / p. 490-504 https://doi.org/10.1007/978-3-031-36616-1_39 Conference proceedings at Scopus Article at Scopus

Odavrobootika levik muudab lahinguvälja ja relvaturgu
Oidsalu, Meelis Postimees 2023 / Lk. 18-19 https://dea.digar.ee/article/postimees/2023/11/14/20.1

On coverage of critical nodes in UAV-assisted emergency networks
Waheed, Maham; Ahmad, Rizwan; Ahmed, Waqas; **Alam, Muhammad Mahtab**; Magarini, Maurizio Sensors 2023 / art. 1586 https://doi.org/10.3390/s23031586 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Optimal design and analysis of UAV swan fuselage
Leomar, Priit; **Tamre, Mart**; **Riibe, Tõnis**; Vaher, Tõnu; Haggi, Toomas Solid state phenomena 2006 / Mechatronic systems and materials, p. 91-96 : ill https://www.scientific.net/SSP.113.91

Optimal design and analysis of UAV swan fuselage
Leomar, Priit; **Tamre, Mart**; Riibe, Tõnis; Vaher, Tõnu; Haggi, Toomas Proceedings of International Conference MSM2005 : Mechatronics Systems and Materials 2005 / ? p https://www.scientific.net/SSP.113.91

Optimal gap distance between rotors of mini quadrotor helicopter
Aleksandrov, Dmitri; **Penkov, Igor** Proceedings of the 8th International Conference of DAAAM Baltic Industrial Engineering, 19-21st April 2012, Tallinn, Estonia. 1 2012 / p. 251-255 : ill

Optimizing the deployment of multi-UAVs in emergency response networks
Hassan, Ali; Javed, Sadaf; Ahmad, Rizwan; Ahmed, Waqas; Kiani, Adnan; **Alam, Muhammad Mahtab** 2024 19th Biennial Baltic Electronics Conference (BEC) 2024 / 6 p https://doi.org/10.1109/BEC61458.2024.10737973 Conference proceedings at Scopus Article at Scopus Article at WOS

Paldiski pankranniku 3D mudeli rekonstrueerimine
Kasepõld, Kadi Paat & Meremees 2016 / lk. 91-93 : ill https://artiklid.elnet.ee/record=b2780187*est

Prorector on Metrosert grant: State fertilizing branch while cutting down the tree
Koppel, Karin news.err.ee 2025

Prorektor Metroserdi rahasüstist : riik väetab puuoksa ja saeb samal ajal tüve
Koppel, Karin err.ee 2025 Prorektor Metroserdi rahasüstist : riik väetab puuoksa ja saeb samal ajal tüve

Põlevad metsad vajavad päästmist. Eestlased pakuvad probleemile uudse lahenduse [Võrguväljaanne]
Sommer, Reelika Eesti Päevaleht 2022 Põlevad metsad vajavad päästmist.Eestlased pakuvad probleemile uudse lahenduse

Raivo Sell - professorist merepäästja
Rauk, Ketlin Harju Elu 2022 / Lk. 8 https://www.ester.ee/record=b2337466*est

RAPTOR-UAV : real-time particle tracking in rivers using an unmanned aerial vehicle
Thumser, Philipp; Haas, Christian; **Tuhtan, Jeffrey Andrew**; **Fuentes-Pérez, Juan Francisco**; **Toming, Gert** Earth surface processes and landforms 2017 / p. 2439-2446 : ill https://doi.org/10.1002/esp.4199 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

Riik annab Metroserdile seni ülikoolides tehtud teadusmahuka arendustöö
Alvela, Ain TööstusEST 2025 / lk. 14-15 : portr https://www.ester.ee/record=b4481084*est

Rivers 2.0 - transforming rivers into digital landscapes using unmanned aerial vehicles
Haas, Christian; Thumser, Philipp; **Tuhtan, Jeffrey Andrew** Hydrolink 2019 / p. 13–15 : ill https://fithydro.eu/wp-content/uploads/2019/03/HaasC._ThumserP._Tuhtan.J.A._2019_Rivers-2.0-Transforming_-Rivers_-into_-Digital_-Landscapes_Hydrolink.pdf

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_Abstracts_2021_V2.pdf

Robootikafestivalil Robotex käis võistlemas ligi 600 robootikut [Võrguväljaanne]
Kitsing, Mattias tehnikamaailm.ee 2021 "Robootikafestivalil Robotex käis võistlemas ligi 600 robootikut "

Situational awareness based flight control of a drone [Electronic resource]
Astrov, Igor; **Pedai, Andrus** 2011 IEEE International Systems Conference (SysCon 2011) : Montreal, Quebec, Canada, April 4-7, 2011 : proceedings 2011 / p. 574-578 [CD-ROM] https://ieeexplore.ieee.org/document/5929033

Situational awareness based flight control of a four-rotor type UAV
Astrov, Igor; **Pedai, Andrus** Recent Researches in Automatic Control : 13th WSEAS International Conference on Automatic Control, Modelling and Simulation (ACMOS'11) : Lanzarote, Canary Islands, Spain, May 27-29, 2011 2011 / p. 63-68 https://www.researchgate.net/profile/Andrus-Pedai/publication/228410099_Situational_awareness_based_flight_control_of_a_four-rotor_type_UAV/links/0a85e52e763a72405e000000/Situational-awareness-based-flight-control-of-a-four-rotor-type-UAV.pdf?origin=scientificContributions

Situational awareness based flight control of a three-rotor mini-aircraft
Astrov, Igor; **Pedai, Andrus** New aspects of automatic control, modelling and simulation 2010 / p. 71-76 https://www.researchgate.net/publication/228415532_Situational_awareness_based_flight_control_of_a_three-rotor_mini-aircraft

Situational awareness based on neural control of an autonomous helicopter during hovering manoeuvres
Astrov, Igor; **Pedai, Andrus** Proceedings of 5th International Conference on Electrical and Computer Engineering (ICECE 2008) : Dhaka, Bangladesh, December 20-22, 2008 2008 / p. 857-860 https://ieeexplore.ieee.org/document/4769331

A study of channel model parameters for aerial base stations at 2.4 GHz in different environments
Sharma, Navuday; Magarini, Maurizio; Dossi, Laura; Reggiani, Luca; Reggiani, Roberto CCNC 2018 : 15th IEEE Annual Consumer Communications and Networking Conference, Las Vegas, USA, January 12-15, 2018 : proceedings 2018 / 6 p. : ill https://doi.org/10.1109/CCNC.2018.8319165

Surveying pervasive public safety communication technologies in the context of terrorist attacks
Masood, Ali; Scazzoli, Davide; **Sharma, Navuday**; **Le Moullec, Yannick**; Ahmad, Rizwan; Reggiani, Luca; Magarini, Maurizio; **Alam, Muhammad Mahtab** Physical communication 2020 / art. 101109, https://doi.org/10.1016/j.phycom.2020.101109 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

A system of systems solution for perimeter control : combining unmanned aerial system with unattended ground sensor network
Kaugerand, Jaanus Proceedings of the 8th Annual Conference of the Estonian National Doctoral School in Information and Communication Technologies : December 5-6, 2014, Rakvere 2014 / p. 57-60 : ill

Tallinna tehnikaülikooli lektor selgitab, miks GPSi segaja mõjutab just eriti lennuliiklust
Arula, Eili tartupostimees.ee 2024 Tallinna tehnikaülikooli lektor selgitab, miks GPSi segaja mõjutab just eriti lennuliiklust

TalTechi droonilahendus hakkab aitama terroriohvreid
Postimees 2021 / Lk. 12 https://dea.digar.ee/publication/postimees "TalTechi droonilahendus hakkab aitama terroriohvreid"

TalTechi teadlased hakkavad NATO toel uudse droonilahendusega terrorirünnakute ohvreid aitama [Võrguväljaanne]
Laikoja, Linda-Liis geenius.ee 2021 "TalTechi teadlased hakkavad NATO toel uudse droonilahendusega terrorirünnakute ohvreid aitama"

TalTechi teadlased loovad droonilahenduse terrorirünnaku ohvrite aitamiseks [Võrguväljaanne]
postimees.ee 2021 "TalTechi teadlased loovad droonilahenduse terrorirünnaku ohvrite aitamiseks"

The main classification of light aerial vehicles
Pütsep, Kristjan 19th International Symposium “Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. III” : Tartu, Estonia, January 14-17, 2020 2020 / p. 89-90 https://www.ester.ee/record=b5291755*est

Tudengite loodud seiresüsteem aitab tuvastada reegleid rikkuvaid droone
Lieberg, E. Tartu Postimees 2025 / lk. 1 https://dea.digar.ee/article/tartupostimees/2025/06/18/3
https://tartu.postimees.ee/8270802/tudengite-loodud-seiresusteem-aitab-tuvastada-reegleid-rikkuvaid-droone

Tunnustatud noor insener Margus Sammelsaar meisterdab lennumasinaid ka vabal ajal
Kesküla, Marili saartehaal.postimees.ee 2024 Tunnustatud noor insener Margus Sammelsaar meisterdab lennumasinaid ka vabal ajal

Two-rate neural control of TUAV with coaxial rotor and ducted fan configuration for enhanced situational awareness
Astrov, Igor; **Pedai, Andrus**; **Gordon, Boris** Proceedings of 9th International Conference 2012 ELEKTRO : May 21 - 22, 2012, Žilina-Rajecké Teplice, Slovakia 2012 / p. 159-164 : ill https://ieeexplore.ieee.org/document/6225630

UAV test benches
Pütsep, Kristjan 20th International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. III" : Tallinn, Estonia, September 8-10, 2021 2022 / p. 21-22 : ill https://www.ester.ee/record=b5457278*est

UAV trajectory planning for disaster scenarios
Javed, Sadaf; Hassan, Ali; Ahmad, Rizwan; Ahmed, Waqas; **Alam, Muhammad Mahtab**; Rodrigues, Joel J. P. C. Vehicular Communications 2023 / art. 100568, 12 p. : ill https://doi.org/10.1016/j.vehcom.2022.100568 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Universal navigation algorithm planning platform for unmanned systems
Sell, Raivo; **Leomar, Priit** Mechatronic systems and materials : mechatronic systems and robotics 2010 / p. 405-410 : ill
https://www.researchgate.net/publication/243762582_Universal_Navigation_Algorithm_Planning_Platform_for_Unmanned_Systems

Unmanned aerial vehicle surveying for monitoring road construction earthworks
Julge, Kalev; **Ellmann, Artu**; **Köök, Romet** The Baltic journal of road and bridge engineering 2019 / p. 1-17 : ill
https://doi.org/10.7250/bjrbe.2019-14.430 http://www.ester.ee/record=b2222369*est https://journals.vgtu.lt/index.php/BJRBE Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Unmanned aerial vehicles and the international humanitarian law. Case study : Russia
Kohv, Marek; **Chochia, Archil** The Russian Federation in global knowledge warfare : influence operations in Europe and its neighbourhood 2021 / p. 213-231 https://doi.org/10.1007/978-3-030-73955-3_11 https://www.ester.ee/record=b5434182*est

Unustage saag ja kirves – metsas teevad nüüd tööd droonid ja tehisintellekt
Kartau, Mari ohtuleht.ee 2024 Unustage saag ja kirves – metsas teevad nüüd tööd droonid ja tehisintellekt

Using a fuzzy regulator to reduce noise
Shumski, Andrei; **Rassõlkin, Anton**; Autsou, Siarhei; Karpovich, Dzmitry; **Kallaste, Ants**; **Vaimann, Toomas** 2019 Electric Power Quality and Supply Reliability Conference (PQ) & 2019 Symposium on Electrical Engineering and Mechatronics (SEEM), Kärdla, Estonia, June 12-15, 2019 : proceedings 2019 / 4 p. : ill https://doi.org/10.1109/PQ.2019.8818257

Vesinikdroonid said tuule tiibadesse äriinkubaatoris
Reineberg, Lisete Tartu Postimees 2021 / Lk. 4 : fot https://dea.digar.ee/article/tartupostimees/2021/05/27/7.13

VTOL drone with tandem EDF motor and development of an algorithm for automatic stabilization in hover flight
Pütsep, Kristjan 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. 19-20 : ill https://www.ester.ee/record=b5504019*est

Värske doktoritöö: kuidas juhtida drooni, mis suudab manööverdada igas suunas?

digi.geenius.ee 2023 Värske doktoritöö: kuidas juhtida drooni, mis suudab manööverdada igas suunas? http://digikogu.taltech.ee/et/item/17167e2e-2c31-451c-834d-1da98160b2ce

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

Многоскоростное управление автономными мультироторными дронами : моделирование и имитация
Astrov, Igor 2023 https://tinyurl.com/2c59zavm

Преподаватель Taltech рассказал, почему глушитель GPS влияет на авиасообщение
Arula, Eili; **Müürsepp, Ivo** rus.postimees.ee 2024 Преподаватель Taltech рассказал, почему глушитель GPS влияет на авиасообщение

Проректор ТТУ о вливании 11 млн евро в Metrosert: государство удабривает ветку, но пилит ствол
Koppel, Karin rus.err.ee 2025 https://rus.err.ee/1609650182/prorektor-ttu-o-vlivanii-11-mln-evro-v-metrosert-gosudarstvo-udabrivaet-vetku-no-pilit-stvol

Путину дает силы безнаказанность, альянсу стоило бы пригрозить России ударом по складам «шахедов»
Tsybulenko, Evhen rus.postimees.ee 2025 https://rus.postimees.ee/8326173/cybulenko-putinu-daet-sily-beznakazannost-alyansu-stoilo-by-prigrozit-rossii-udarom-po-skladam-shahedov

эффективное средство защиты от дронов-камикадзе еще только предстоит найти [Online resources]
rus.err.ee 2022 AK.Nädal: эффективное средство защиты от дронов-камикадзе еще только предстоит найти