

Avo Ots juhhib avastusretke mobiilinterneti maailma : [TTÜs avatud mobiilrakenduste arenduskeskusest MAI : intervjuu Avo Otsaga]

Ots, Avo Erikiri : Ericsson Eesti väljaanne 2001 / lk. 6-9 : portr

Beyond 5G/6G KPIs and target values : Version 1.0-June 2022

Nielsen, Lars; Gavras, Anastasius; Dieudonne, Michael; Mesogiti, Ioanna; **Roosipuu, Priit**; Houatra, Drissa; Kosmatos, Evangelos 2022 <https://doi.org/10.5281/zenodo.6577506>

Concept drift and cross-device behavior : challenges and implications for effective android malware detection

Guerra Manzanares, Alejandro; Luckner, Marcin; Bahsi, Hayretdin Computers & Security 2022 / art. 102757, 20 p. : ill <https://doi.org/10.1016/j.cose.2022.102757> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cooperative scheduler to enhance massive connectivity in 5G and beyond by minimizing interference in OMA and NOMA

Mwakwata, Collins Burton; Elgarhy, Osama Mohamed Mostafa; Alam, Muhammad Mahtab; Le Moullec, Yannick; Päränd, Sven; Trichias, Konstantinos; Ramantas, Kostas IEEE Systems Journal 2022 / p. 5044-5055 <https://doi.org/10.1109/JSYST.2021.3114338> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cross-device behavioral consistency : benchmarking and implications for effective android malware detection

Guerra Manzanares, Alejandro; Vålbe, Martin Machine Learning with Applications 2022 / art. 100357, 15 p. : ill <https://doi.org/10.1016/j.mlwa.2022.100357>

Data communication services in mobile communication environment

Kuningas, Tarmo Elektroonika 2000 : VII rahvusvahelise telekommunikatsioonipäeva konverentsi ettekannete materjalid 2000 / p. 87-94 : ill https://www.ester.ee/record=b1399956*est

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 \(PDF\)](#)

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>

Digipööre Euroopa puidutööstuses

Ehitaja 2022 / Lk. 28-29 https://www.ester.ee/record=b1072123*est

Direct discovery-based cooperative device-to-device communication for emergency scenarios in 6G

Masood, Ali; Alam, Muhammad Mahtab; Le Moullec, Yannick 2022 Joint European Conference on Networks and Communications & 6G Summit (EuCNC/6G Summit) : proceedings 2022 / p. 297-302 : ill <https://doi.org/10.1109/EuCNC/6GSummit54941.2022.9815706>

Direct sequence spread spectrum digital radio

Kerek, Daniel; Saluvere, Teet; Tenhunen, Hannu BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 159-167: ill

Dynamic radio frame configuration by exploiting uplink control channel for URLLC

Sharma, Navuday; Alam, Muhammad Mahtab; Le Moullec, Yannick; Malik, Hassan; Bennis, Mehdi; Päränd, Sven 2019 IEEE Wireless Communications and Networking Conference Workshop (WCNCW) 2019 / 6 p. : ill <https://doi.org/10.1109/WCNCW.2019.8902898>

Eesti esimene 5G võrk rajatakse Tallinna Tehnikaülikooli

Mente et Manu 2018 / lk. 9 : fot http://www.ester.ee/record=b1242496*est <http://dea.digar.ee/publication/AKmenteetmanu> <https://taltech.ee/avalehekulg/?id=10641&category=128006#newsTabsMenu> https://artiklid.elnet.ee/record=b2866959*est

Eestis langes tähtis otsus: 5G ei tapa [Võrguväljaanne]

Pau, Aivar tehnika.postimees.ee 2019 / fot [Eestis langes tähtis otsus: 5G ei tapa](#)

Effect of imperfect CSI on interference alignment in multiple-high altitude platforms based communication

Sudheesh, P.G.; Sharma, Navuday; Magarini, Maurizio; Muthuchidambaranathan, Palanivel Physical communication 2018 / p. 336-342 : ill <https://doi.org/10.1016/j.phycom.2017.11.002>

Ekspert: 5G jõuab tavakasutusse viie aastaga, 6G tuleb järgmisel kümnendil

Kilumets, Juhan novaator.err.ee 2023 [Ekspert: 5G jõuab tavakasutusse viie aastaga, 6G tuleb järgmisel kümnendil](#)

Elektriinsener Jüri Laurson: elektromagnetvälja mõjude üle tasub arutleda

Laurson, Jüri maaleht.ee 2023 [Elektriinsener Jüri Laurson: elektromagnetvälja mõjude üle tasub arutleda](#)

Elisa ja Telia uurivad 5G võimalusi peamistes transpordikoridorides

logistikauudised.ee 2023 [Elisa ja Telia uurivad 5G võimalusi peamistes transpordikoridorides](#)

Empiirilised levimudelid mobiilsides

Raja, Aimur Raadiotehnika 2001 : VIII rahvusvahelise telekommunikatsioonipäeva materjalid 2001 / lk. 59-65 : ill

Energy consumption evaluation of NOMA-based sustainable scheduling in 6G O-RAN

Latif, Aamir; Alam, Muhammad Mahtab; Elgarhy, Osama Mohamed Mostafa; Le Moullec, Yannick 2024 International Wireless Communications and Mobile Computing (IWCMC) 2024 / p. 484-489 <https://doi.org/10.1109/IWCMC61514.2024.10592553>

Energy efficiency and connectivity maximization for massive machine type communication in multi-cell NOMA

Latif, Aamir; Elgarhy, Osama Mohamed Mostafa; Le Moullec, Yannick; Alam, Muhammad Mahtab 2024 19th Biennial Baltic Electronics Conference (BEC) : October 2-4, 2024, Estonia 2024 / 6 p <https://doi.org/10.1109/BEC61458.2024.10737950> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Energy efficiency evaluation of linear transmitters for 5G NR wireless waveforms

Biyabani, Sara R.; Khan, Rida; Alam, Muhammad Mahtab; Biyabani, A. Ahmed; McCune, Earl IEEE transactions on green communications and networking 2019 / p. 446 - 454 : ill <https://doi.org/10.1109/TGCN.2019.2902179> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Era- ja avaliku sektori koostöö edeneb : [TTÜ, Ericsson Eesti AS ja AS EMT tegid 24. aug. esimesi kokkuvõtteid koostööst mobiilside arendamisel TTÜ MAI arenduskeskuses]

Mente et Manu 2004 / 1. sept., lk. 3 https://www.estar.ee/record=b1242496*est

Ettevõtted saavad tooteid ja teenuseid testida TalTechi asjade interneti ja 5G platvormil

Mente et Manu 2020 / lk. 11 <https://dea.digar.ee/cgi-bin/dea?a=is&oid=AKmenteetmanu202011&type=staticpdf>

Euroopa tehnikatüdengid TTÜs talvekursusel : [15.-23. veebr. rahvusvahelisest mobiilsideteenuste teemalisest kursusest]

Ostrat, Kristiina Mente et Manu 2006 / 8. märts, lk. 2 : fot https://www.estar.ee/record=b1242496*est

Euroopa tudengid uurivad mobiilsidemaailma : [mobiilsideteemaline kursus Mobile Magic TTÜ-s]

Linnaleht 2006 / 15. veebr., lk. 3

Evaluation of technologies for a spaceborne analog IF narrowband 20*20 switch matrix

Aberg, Markku; Pohjonen, Helena BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 2 1994 / p. 455-460: ill https://www.estar.ee/record=b2150914*est

Experimental Characterization of Connectivity for ProSe Direct Discovery in Emergency Scenarios for 6G

Masood, Ali; Alam, Muhammad Mahtab; Le Moullec, Yannick 2023 IEEE Wireless Communications and Networking Conference (WCNC) 2023 / p. 1-6 <https://doi.org/10.1109/WCNC55385.2023.10118649>

5G as an enabler of connected-and-automated mobility in European cross-border corridors — a market assessment

Rizopoulos, Dimitrios; Laskari, Marina; Kouloumbis, Gerasimos; Fergadiotou, Ioanna; Durkin, Patrick; Kõrbe Kaare, Kati; Alam, Muhammad Mahtab Sustainability 2022 / art. 14411 <https://doi.org/10.3390/su142114411> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

5G testbed implementation and measurement campaign for ground and aerial coverage

Fjodorov, Aleksei; Masood, Ali; Alam, Muhammad Mahtab; Päränd, Sven 2022 18th Biennial Baltic Electronics Conference (BEC) 2022 / 6 p. <https://doi.org/10.1109/BEC56180.2022.9935602>

FPGA based system for video compression and transmission over bluetooth

Gorev, Maksim; Ellervee, Peeter 53rd IEEE International Midwest Symposium on Circuits and Systems : Seattle, Washington, USA, August 1-4, 2010 : proceedings 2010 / p. 367-370 : ill <https://ieeexplore.ieee.org/document/5548853>

GMSK modelleerimine

Meister, Ants Raadiotehnika 2001 : VIII rahvusvahelise telekommunikatsioonipäeva materjalid 2001 / lk. 54-58 : ill

Heuristic radio access network subslicing with user clustering and bandwidth subpartitioning

Kulmar, Marika; Müürsepp, Ivo; Alam, Muhammad Mahtab Sensors 2023 / art. 4613 : ill <https://doi.org/10.3390/s23104613> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Identifying relationships between personal social networks and spatial mobility : A study using smartphone tracing and related surveys

Puura, Anniki; Silm, Siiri; **Masso, Anu** Social networks 2022 / p. 306-317 <https://doi.org/10.1016/j.socnet.2021.08.008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Impact of CFO on low latency-enabled UAV using "Better than Nyquist" pulse shaping in GFDM

Sharma, Navuday; Kumar, Atul; Magarini, Maurizio; Bregni, Stefano 2019 IEEE 89th Vehicular Technology Conference (VTCSpring), Kuala Lumpur, Malaysia, 28 April–1 May 2019 : proceedings 2019 / 6 p. : ill
<https://doi.org/10.1109/VTCSpring.2019.8746309> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

The Impact of RAN slice bandwidth subpartitioning on slice performance

Kulmar, Marika; Mürsepp, Ivo; Alam, Muhammad Mahtab 2022 International Wireless Communications and Mobile Computing (IWCMC) 2022 / p. 419-424 <https://doi.org/10.1109/IWCMC55113.2022.9825262>

In-depth feature selection and ranking for automated detection of mobile malware

Guerra Manzanares, Alejandro; Nömm, Sven; Bahsi, Hayretidin Proceedings of the 5th International Conference on Information Systems Security and Privacy : ICISSP 2019 : February 23-25, 2019, Prague, Czech Republic. Vol. 1 2019 / p. 274-283 : ill
<https://doi.org/10.5220/0007349602740283>

Innovative RFDAC concepts for digital multi-mode transmitter in cellular applications

Fulde, Michael; Kuttner, Franz; Thaller, Edwin; Ponton, Davide; Kampus, Vahur; Gruenberger, Simon; Habibovic, Harun; Santner, Andreas; Duller, Christoph; Krassnitzer, Christian; Babin, Gernot; Knoblinger, Gerhard Proceedings of the 2013 9th Conference on Ph.D. Research in Microelectronics and Electronics (PRIME), 24-27 June 2013 2013 / p. 9-10
<http://doi.org/10.1109/PRIME.2013.6603139>

Inter O-DUs coordination for scheduling of massive users in O-RAN

Latif, Aamir; Alam, Muhammad Mahtab; Le Moullec, Yannick 2023 Joint European Conference on Networks and Communications & 6G Summit (EuCNC/6G Summit) 2023 / p. 6 <https://doi.org/10.1109/EuCNC/6GSummit58263.2023.10188234>

Kas Peruus võetakse 5G antennid maha, sest need on ohtlikud? [Võrguväljaanne]

Einama, Kaido postimees.ee 2022 [Kas Peruus võetakse 5G antennid maha, sest need on ohtlikud?](#)

Kolmanda põlvkonna mobiilsidesüsteemi baasil loodud kiire andmeside tehnoloogia HSDPA

Laidvee, Andres A & A 2007 / 1, lk. 49-58 : ill

Kui internet saab täis

Jervan, Gert Postimees 2020 / Lk. 13 <https://dea.digar.ee/article/postimees/2020/07/30/11.3> <https://leht.postimees.ee/7028359/gert-jervan-kui-eesti-internet-saab-tais>

60. sünnipäeva tähistav tehnikaülikooli Thomas Johann Seebecki elektroonikainstituut on tööstusele oluline arengupartner [Võrguväljaanne]

digi.geenius.ee 2022 [60. sünnipäeva tähistav tehnikaülikooli Thomas Johann Seebecki elektroonikainstituut on tööstusele oluline arengupartner](#)

6G-mobiilivõrk peibutab energiasäästu ja täppis-andmesidega

Oidermaa, Jaan-Juhan novaator.err.ee 2023 [6G-mobiilivõrk peibutab energiasäästu ja täppis-andmesidega](#) Ekspert: 5G jõuab tavakasutusse viie aastaga, 6G tuleb järgmisel kümnendil

Lugeja küsib: kuidas 5G-võrk lennuliiklust häirida saab? [Võrguväljaanne]

Oidermaa, Jaan-Juhan novaator.err.ee 2022 ["Lugeja küsib: kuidas 5G-võrk lennuliiklust häirida saab?"](#)

Management closed control loop automation for improved RAN slice performance by subslicing

Kulmar, Marika; Alam, Muhammad Mahtab; Mürsepp, Ivo IEEE Access 2024 / p. 103082-103095
<https://doi.org/10.1109/ACCESS.2024.3433475> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article WOS](#)

Management closed control loop automation for improved RAN slice performance by subslicing : preprint

Kulmar, Marika; Alam, Muhammad Mahtab; Mürsepp, Ivo techrxiv.org 2023 / 18 p. : ill
<https://doi.org/10.36227/techrxiv.170290948.88447519/v1>

Maritime Fleet-Based 5G Network Extension : A Model for Cross-border Coastal Applications

Pilvik, Riivo; Jaiurus, Tanel; Kõrbe Kaare, Kati; Sadam, Arvi; Gentili, Andrea; Nömmela, Kaidi 2024 IEEE Future Networks World Forum (FNWF) 2024 / p. 855-860 <https://doi.org/10.1109/FNWF63303.2024.11028827>

Maritime multi-hop communication over 5G networks : an indoor testbed implementation and evaluation

Horsmanheimo, Seppo; Tuomimäki, Lotta; Gentili, Andrea; Scholliers, Johan; Sadam, Arvi; **Kõrbe Kaare, Kati** 2024 IEEE 100th Vehicular Technology Conference (VTC2024-Fall) : proceedings : Washington DC, USA, 7-10 October 2024 2024
<https://doi.org/10.1109/VTC2024-Fall63153.2024.10757897> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Masinõpe toetab maksimaalselt kiiret ja tõrgeteta tootmist

Alvela, Ain ohtuleht.ee 2024 [Masinõpe toetab maksimaalselt kiiret ja tõrgeteta tootmist](#)

Microwave reflection properties of building materials in the working environment

Koppel, Tarmo; Haldre, Heldur 56th International Riga Technical University Conference "Scientific Conference on Economics and Entrepreneurship SCEE'2015" : proceedings 2015 / p. 148-150 : tab

Millise küberohu toovad autonoomsetele sõidukitele kaasa 5G+ ja 6G?

am.ee 2025 <https://www.am.ee/node/9250>

Minimising radiofrequency radiation exposure of smart phones and tablets - using an off-line reader instead of wireless browsing for mobile learning

Ahonen, Mikko; **Koppel, Tarmo** 56th International Riga Technical University Conference "Scientific Conference on Economics and Entrepreneurship SCEE'2015" : proceedings 2015 / p. 144-145 : tab

Mobiilne sidesüsteem LTE

Laidvee, Andres A & A 2008 / 2, lk. 17-33 : ill https://artiklid.elnet.ee/record=b1021820*est

Mobiilsed sisuteenused ja GSM-tehnoloogiad

Ruuben, Toomas A & A 2004 / 1, lk. 21-27 : ill

Mobiilsed sisuteenused ja USSD-tehnoloogia

Ruuben, Toomas A & A 2004 / 3, lk. 34-44

Mobiilside ja mobiilsed teenused

Ots, Avo Director 2001 / 4, lk. 32-35 https://artiklid.elnet.ee/record=b2023997*est

Mobile phone usage data for credit scoring

Ots, Henri; **Liiv, Innar**; Tur, Diana Databases and Information Systems : 14th International Baltic Conference, DB&IS 2020, Tallinn, Estonia, June 16-19, 2020 : Proceedings 2020 / p. 82-95 https://doi.org/10.1007/978-3-030-57672-1_7 [Conference proceeding at Scopus](#) [Article at Scopus](#)

A multi-armed bandit solver method for adaptive power allocation in device-to-device communication

Khan, Muhidul Islam; **Alam, Muhammad Mahtab**; **Le Moullec, Yannick** Procedia computer science 2018 / p. 1069-1076 <https://doi.org/10.1016/j.procs.2018.04.155> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

A multi-objective reinforcement learning framework for dynamic NOMA-based resource allocation in 6G mMTC networks

Latif, Aamir; **Elgarhy, Osama Mohamed Mostafa**; **Le Moullec, Yannick**; **Alam, Muhammad Mahtab** Future Frontiers : PhD Conference on Emerging Technologies : Book of Abstracts 2025 / p. 24 ; oral 14 https://tuit.ut.ee/sites/default/files/2025-05/PhD%20Conference%202025%20Book%20of%20Abstracts_pub3.pdf

Mustamäe mändide alt Iraagi kõrbesse : [Andres Taklaja firmast Rantelon]

Aru, Erik Forbes 2013 / lk. 24-26 : portr

Narrowband internet of things (NB-IoT) : from physical (PHY) and media access control (MAC) layers perspectives

Mwakwata, Collins Burton; **Malik, Hassan**; **Alam, Muhammad Mahtab**; **Le Moullec, Yannick**; Päränd, Sven; Mumtaz, Shahid Sensors 2019 / art. 2613, 34 p.: ill <https://doi.org/10.3390/s19112613> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Narrowband Internet of Things (NB-IoT) : from physical (PHY) and Media Access Control (MAC) layers perspectives : [an article in collection]

Mwakwata, Collins Burton; **Malik, Hassan**; **Alam, Muhammad Mahtab**; **Le Moullec, Yannick**; Päränd, Sven; Mumtaz, Shahid Internet of things and sensors networks in 5G wireless communications 2020 / p. 39-72 : ill <https://doi.org/10.3390/books978-3-03928-149-7> <https://doi.org/10.3390/s19112613>

Narrowband internet of things (NBIIoT) for industrial automation

Malik, Hassan; **Alam, Muhammad Mahtab**; **Kuusik, Alar**; **Le Moullec, Yannick**; Päränd, Sven Wireless automation as an enabler for the next industrial revolution 2020 / p. 65-87 <https://doi.org/10.1002/9781119552635.ch4>

Non orthogonal multiple access: basic concepts and misconceptions

Hassan, Syed Rizwan; **Shabbir, Noman**; Unbreen, Arooj; Rehman, Ateeq Ur; Iqbal, Ahmad NFC IEFR journal of engineering and scientific research 2020 / 4 p <http://doi.org/10.24081/nijesr.2019.1.0001>

On the application of active learning to handle data evolution in Android malware detection

Guerra Manzanares, Alejandro; **Bahsi, Hayretin** Digital forensics and cyber crime : 13th EAI international conference, ICDF2C 2022, Boston, MA, November 16-18, 2022 : proceedings 2023 / p. 256-273 https://doi.org/10.1007/978-3-031-36574-4_15

On-demand ultra-dense cloud drone networks : opportunities, challenges and benefits

Sharma, Navuday; Magarini, Maurizio; Jayakody, Dushantha Nalin K. IEEE Communications Magazine 2018 / p. 85–91 : ill
<http://dx.doi.org/10.1109/MCOM.2018.1701001>

Performance evaluation of 5G NR sidelink for V2X scenarios

Elgarhy, Osama Mohamed Mostafa; Yener, Onur; **Alam, Muhammad Mahtab** 2022 18th Biennial Baltic Electronics Conference (BEC) : proceedings 2022 / 5 p <https://doi.org/10.1109/BEC56180.2022.9935591>

Possible health effects on the human brain by various generations of mobile telecommunication: a review based estimation of 5G impact

Hinrikus, Hiie; Koppel, Tarmo; Lass, Jaanus; Roosipuu, Priit; Bachmann, Maie International Journal of Radiation Biology 2022 / p. 1210-1221 <https://doi.org/10.1080/09553002.2022.2026516> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Power aware ON/OFF switching schemes for energy efficient phantom cellular networks

Anjum, M Naveed; Ahmad, Rizwan; Hassan, Ali; Ahmed, Waqas; **Alam, Muhammad Mahtab** 2022 18th Biennial Baltic Electronics Conference (BEC) 2022 / 6 p <https://doi.org/10.1109/BEC56180.2022.9935605>

Power control, softer and soft handover in WCDMA radio system

Javorski, Andrei Raadiotehnika 2001 : VIII rahvusvahelise telekommunikatsioonipäeva materjalid 2001 / lk. 79-83 : ill

A primer on public safety communication in the context of terror attacks: the NATO SPS “COUNTER-TERROR” project

Alam, Muhammad Mahtab; Le Moullec, Yannick; Ahmad, Rizwan; Magarini, Maurizio; Reggiani, Luca Advanced Technologies for Security Applications : Proceedings of the NATO Science for Peace and Security 'Cluster Workshop on Advanced Technologies', 17-18 September 2019, Leuven, Belgium 2020 / p. 19-34 https://doi.org/10.1007/978-94-024-2021-0_3 [Article collection metrics at Scopus](#) [Article at Scopus](#)

Providing Continuous 5G Connectivity along Ferry Lines – Concepts and Trials of 5G-ROUTES Project (Invited paper)

Zaglauer, Helmut W.; Lindenbergs, Arturs; Lankinen, Matti; **Kõrbe Kaare, Kati;** Kuhi, Kristjan; Payaro, Miquel 2022 IEEE Future Networks World Forum (FNWF) 2023 / p. 567-572 <https://doi.org/10.1109/FNWF55208.2022.00105>

Q-Learning based joint energy-spectral efficiency optimization in multi-hop device-to-device communication

Khan, Muhidul Islam; Reggiani, Luca; **Alam, Muhammad Mahtab; Le Moullec, Yannick; Sharma, Navuday;** Yaacoub, Elias; Magarini, Maurizio Sensors 2020 / art. 6692, 23 p.: ill <https://doi.org/10.3390/s20226692> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Raadiofüüsik: 5G ei ole tervisele hullem kui 4G. Vähemalt esialgu [Võrguväljaanne]

Ennet, Priit novaator.err.ee 2022 [Raadiofüüsik: 5G ei ole tervisele hullem kui 4G. Vähemalt esialgu](#)

Raadiofüüsika professor: 5G peatamise asemel võiks Eesti karmistada elektromagnetkiirguse piirnorme

Hinrikus, Hiie Eesti Päevaleht 2019 <https://epl.delfi.ee/arvamus/raadiofuusika-professor-5g-peatamise-ase-mel-voiks-eesti-karmistada-elektromagnetkiirguse-piirnorme?id=86523935>

Radio access network subslicing in closed control loop for improved slice performance management =

Raadiojuurdepääsu võrguviilutamine suletud juhtimisahelas

Kulmar, Marika 2024 <https://doi.org/10.23658/taltech.2/2024> <https://digikogu.taltech.ee/et/item/38b22df5-0884-4c20-941e-2562491879e5> https://www.ester.ee/record=b5649442*est

Radio resource management in NB-IoT systems : empowered by interference prediction and flexible duplexing

Malik, Hassan; Alam, Muhammad Mahtab; Pervaiz, Haris; **Le Moullec, Yannick;** Al-Dulaimi, Anwer; Päränd, Sven; Reggiani, Luca IEEE Network 2020 / Art. nr. 8839971 <https://doi.org/10.1109/MNET.001.1900087> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Rate-latency optimization for NB-IoT with adaptive resource unit configuration in uplink transmission

Elgarhy, Osama Mohamed Mostafa; Reggiani, Luca; Malik, Hassan; Alam, Muhammad Mahtab; Imran, Muhammad Ali IEEE Systems Journal 2021 / p. 265 - 276 <https://doi.org/10.1109/JSYST.2020.2991073> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reconfigurable intelligent surfaces in dynamic rich scattering environments : BiLSTM-based optimization for accurate user localization

Umer, Anum; Mürsepp, Ivo; Alam, Muhammad Mahtab 2024 3rd International Conference on 6G Networking (6GNet) 2024 / p. 122-126 <https://doi.org/10.1109/6GNet63182.2024.10765779>

RF power amplifier control curve approximation

Koort, Marko The 7th Biennial Conference on Electronics and Microsystem Technology "Baltic Electronics Conference" : BEC 2000 : October 8 - 11, 2000, Tallinn, Estonia : conference proceedings 2000 / p. 71-74 : ill

Scheduling in radio resource management for massive machine-type communications = Raadioressursside planeerimine massiivse masin-masin tüüpi kommunikatsiooni korral

Mwakwata, Collins Burton 2022 <https://doi.org/10.23658/taltech.32/2022> <https://digikogu.taltech.ee/et/Item/e62dd1a5-5791-487b-b5f6-0d983f37a7d5> https://www.ester.ee/record=b5502362*est

Seamless 5g multi-hop connectivity architecture and trials for maritime applications

Lindenberg, Arturs; Muehleisen, Maciej; Payaro, Miquel; **Kõrbe Kaare, Kati**; Zaglauer, Helmut W.; Scholliers, Johan; Sadam, Arvi; **Kuhi, Kristjan**; Nykanen, Lasse Sensors 2023 / art. 4203 <https://doi.org/10.3390/s23094203> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Sügissemestril saab TalTechis õppida Ericssoni vabaainet «End to End journey of a 5G product»

postimees.ee 2023 [Sügissemestril saab TalTechis õppida Ericssoni vabaainet «End to End journey of a 5G product»](#)

TalTech alustas koostööd India telekomiga. "Saame arendada uusi võimekusi"

Kald, Indrek ituudised.ee 2024 [TalTech alustas koostööd India telekomiga. "Saame arendada uusi võimekusi"](#)

TalTech käivitab 5G testvõrgud. Eesti firmad saavad arendada teenuseid välisriikidele

Kald, Indrek ituudised.ee 2023 [TalTech käivitab 5G testvõrgud. Eesti firmad saavad arendada teenuseid välisriikidele](#)

TalTech ootab logistikasektorilt koostööd

Transport ja Logistika : infoleht 2020 / lk. 2 https://www.ester.ee/record=b1975868*est

TalTechi õppejõud selgitab: milliseid muutusi 5G endaga kaasa toob? [Võrguväljaanne]

digi.geenius.ee 2021 ["TalTechi õppejõud selgitab: milliseid muutusi 5G endaga kaasa toob?"](#)

TalTechis hakatakse testima 6G võrku. Margus Rohtla: „Oleks vaid minu õpingute ajal sellised võimalused olnud!“

Lindpere, Elle Isabel forte.delfi.ee 2023 [TalTechis hakatakse testima 6G võrku. Margus Rohtla: „Oleks vaid minu õpingute ajal sellised võimalused olnud!“](#)

Tarkvaraarendusprojekt WAY

Tehnikaülikool 2000 / 17. apr., lk. 1-2 https://artiklid.elnet.ee/record=b2303138*est

Teadlased: praegune 5G on sama ohtlik kui wifi. Tulevikus võib olla teisiti : Riigikogu sotsiaalkomisjon hakkab homme arutama juba teist rahvaalgatust, mis üritab tõrjuda 5G-d

Parksepp, Anette Eesti Päevaleht 2020 / Lk. 4-5 : ill https://www.ester.ee/record=b1072079*est

Telia 3G võrgu sulgemine ehmatas inimesi telefoni vahetama

Velleste, Eget maaleht.ee 2023 [Telia 3G võrgu sulgemine ehmatas inimesi telefoni vahetama](#)

Telia пугает людей тем, что из-за закрытия сети 3G им нужно приобрести новый телефон. Но это необязательно

Velleste, Eget rus.delfi.ee 2023 [Telia пугает людей тем, что из-за закрытия сети 3G им нужно приобрести новый телефон. Но это необязательно](#)

Testing and implementation of mobile services for packet-based networks

Kulmar, Marika; Ots, Avo; Tomingas, Peep Baltic ITAMPT review 2002 / 3, p. 32-34 : ill https://artiklid.elnet.ee/record=b2024795*est

The Croatian High Administrative Court upholds the decision of the Croatian Competition Authority concerning a rebate scheme applied by a mobile phone operator and its distributors (VIPnet) [Electronic resource]

Svetlicinii, Alexandr e-Competitions 2012

The Moldovan Competition Authority investigates predatory pricing on the mobile telecommunications market (Orange-Moldova) [Electronic resource]

Svetlicinii, Alexandr e-Competitions 2013

The Moldovan Competition Authority investigates the alleged predatory pricing of mobile telecommunications services

by the incumbent operator (Moldtelecom) [Electronic resource]
Svetlicinii, Alexandr e-Competitions 2014

The Moldovan Competition Authority investigates the pricing of postpaid mobile services by the incumbent operator (Moldtelecom) [Electronic resource]
Svetlicinii, Alexandr e-Competitions 2014

The Moldovan Competition Authority investigates the pricing of SMS/MMS services on the telecommunications market (Orange-Moldova) [Electronic resource]
Svetlicinii, Alexandr e-Competitions 2013

Throughput-aware cooperative reinforcement learning for adaptive resource allocation in device-to-device communication
Khan, Muhidul Islam; Alam, Muhammad Mahtab; Le Moullec, Yannick; Yaacoub, Elias Future Internet 2017 / art. 72, p. 1-17 : ill <https://doi.org/10.3390/fi9040072>

Towards early public health emergency anticipating with emerging non-health data per se
Semassel, Imed Eddine; Ben Yahia Sadok 12th International Conference on Information Systems and Advanced Technologies "ICISAT 2022" : Intelligent Information, Data Science and Decision Support System 2023 / p. 530 - 546 https://doi.org/10.1007/978-3-031-25344-7_49 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Transmitter power control in wireless communication systems = Saatja võimsuse juhtimine traadita sidesüsteemis
Koort, Marko 2005 https://www.ester.ee/record=b2063838*est

TTÜ, EMT ja Ericsson Eesti investeerivad tehnokeskusesse : [uute mobiilsidetehnoloogiate testimise ja arendamise keskus : raamlepingu sõlmimisest]
Postimees 2000 / 14. apr., lk. 11 https://artiklid.elnet.ee/record=b2303672*est

TTÜs käivitub Telia toel uus IT teadusgrupp ja asjade interneti platvorm
Mente et Manu 2017 / lk. 8 http://www.ester.ee/record=b1242496*est https://artiklid.elnet.ee/record=b2830857*est

UAV and SWIPT assisted disaster aware clustering and association
Hassan, Ali; Ahmad, Rizwan; Ahmed, Waqas; Magarini, Maurizio; Alam, Muhammad Mahtab IEEE Access 2020 / p. 204791–204803 <https://doi.org/10.1109/ACCESS.2020.3035959> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

UMTS raadioliides
Laidvee, Andres A & A 2005 / 1, lk. 41-57 : ill https://artiklid.elnet.ee/record=b1017630*est

Uuring: Uemate 4G ja 5G põlvkondade tehnoloogia kasutuselevõtuga kiirguse tase langeb [Võrguväljaanne]
tervise.geenius.ee 2022 [Uuring: Uemate 4G ja 5G põlvkondade tehnoloogia kasutuselevõtuga kiirguse tase langeb](#)

Uut tüüpi transistor toob murrangu mobiilsidesse
Krustok, Jüri Päevaleht 1998 / 17. det., Uus Meedia, lk. 6

WAPi ja GPRS-i koostöö
Kulmar, Marika Raadiotehnika 2001 : VIII rahvusvahelise telekommunikatsioonipäeva materjalid 2001 / lk. 36-41 : ill

WAP-protokolli konkurendid
Allingu, Martti A & A 2000 / 5, lk. 32-37 https://artiklid.elnet.ee/record=b1005192*est

5G abil saab laseautot kaugjuhtida ükskõik kust
Mente et Manu 2020 / lk. 12 : fot https://www.ester.ee/record=b1242496*est

5G-hirmudel pole teaduslikku alust
Mürsepp, Ivo Postimees 2019 / Arter, lk. 26 [Lükkame ümber! 5G-hirmudel pole teaduslikku alust](#)

5G-lahendused muudavad tootmise nutikamaks
Eesti Päevaleht 2021 / Lk. 22

5G tehnoloogia lükkab käima uued idufirmad ja aitab kaasa tööstuse digitaliseerimisele
Härmat, Karin Mente et Manu 2019 / lk. 40-41 : fot https://www.ester.ee/record=b1242496*est https://www.ttu.ee/public/m/mente-et-manu/MM_04_2019/mobile/index.html

ViisG tehnoloogiaga hakatakse tõstma puidutööstuse efektiivsust [Võrguväljaanne]

ehitusuudised.ee 2022 [5G tehnoloogiaga hakatakse tõstma puidutööstuse efektiivsust](#)

Wireless PKI security and mobile voting

Tepandi, Jaak; Vassiljev, Stanislav; Tšahhirov, Ilja Computer 2010 / 6, p. 54-60
<https://www.computer.org/csdl/magazine/co/2010/06/mco2010060054/13rRUIILLkGV>

Võimsuse juhtimise parameetrid GSM-võrgus

Kravets, Valeri; Kattel, Aleksei Elektroonika 2004 : XI rahvusvahelise telekommunikatsioonipäeva materjalid 2004 / lk. 109-113 : ill
https://www.ester.ee/record=b1910557*est

Õppejõud Priit Roosipuu: ebaõnnestumised väga head õppimiskohad

Jakobson, Maris postimees.ee 2023 [Õppejõud Priit Roosipuu: ebaõnnestumised väga head õppimiskohad](#)

Ülekandemahu vähendamine HTTP raames

Nurmiste, Ingmar A & A 2005 / 2, lk. 40-48 : ill https://artiklid.elnet.ee/record=b1017793*est

Ülevaade WAP-protokollist

Allingu, Martti A & A 2000 / 3, lk. 38-45 https://artiklid.elnet.ee/record=b1004183*est

Використання мобільного зв'язку для покращення транспортного обслуговування

Antov, Dago; Дорохов, О.В. Вестник Национального технического университета "ХПИ" 2008 / с. 166-169 : ил