

Academic staff perceptions and attitudes towards learning analytics

Virkus, Sirje; Mandre, Sigrid; **Kasuk, Tiina** Smart learning ecosystems as engines of the green and digital transition : proceedings of the 8th Conference on Smart Learning Ecosystems and Regional Development 2023 / p. 3-19 https://doi.org/10.1007/978-981-99-5540-4_1

Approaches for improving VoIP QoS in WMNs

Meeran, Mohammad Tariq; Annus, Paul; Le Moullec, Yannick 2017 International Conference on Electrical Engineering and Computer Science (ICECOS 2017) : Palembang, Indonesia, 22-23 August 2017 2017 / p. 22-27 : ill <https://doi.org/10.1109/ICECOS.2017.8167138>

Armastusele rajatud kooselu võivad päästa robotid

Port, Kristjan novaator.err.ee 2023 / 5. okt. [Armastusele rajatud kooselu võivad päästa robotid](#)

Artificial Intelligence and Agents : ISDE - Intelligent Systems for Digital Era Track : editorial message

Matulevičius, Raimundas; Kalibatiene, Diana SAC '25: Proceedings of the 40th ACM/SIGAPP Symposium on Applied Computing 2025 / p. 864-865 <https://dl.acm.org/doi/proceedings/10.1145/3672608>

Aspects of using telepresence robot in a higher education STEAM workshop

Leoste, Janika; Virkus, Sirje; Kasuk, Tiina; Talisainen, Aleksei; Kangur, Katrin; Tolmos, Piedad Information Integration and Web Intelligence. iiWAS 2022 2022 / p. 18-28 https://doi.org/10.1007/978-3-031-21047-1_2 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

Attendance check of students via robot assistant in higher education classes

Budagov, Fuad; Leoste, Janika; Meeran, Mohammad Tariq; Robal, Tarmo; Leoste, Leo Benjamin Futureproofing Engineering Education for Global Responsibility : Proceedings of the 27th International Conference on Interactive Collaborative Learning (ICL 2024) ; vol. 1 2025 / p. 305-316 https://doi.org/10.1007/978-3-031-85652-5_31

Baltic-DB&IS-Forum-DC 2024 and Baltic DB&IS Conference Forum and Doctoral Consortium 2024 : Joint Proceedings of Baltic DB&IS Conference Forum and Doctoral Consortium 2024 co-located with 16th International Baltic Conference on Digital Business and Intelligent Systems (Baltic DB&IS 2024), Vilnius, Lithuania, June 30-July 3, 2024 2024 <https://ceur-ws.org/Vol-3698/>

Birgy Lorenz: aegunud digipädevuste mudel pidurdab noorte arengut

Lorenz, Birgy err.ee 2025 <https://www.err.ee/1609640053/birgy-lorenz-aegunud-digipadevuste-mudel-pidurdab-noorte-arengut>

Birgy Lorenz: kübertalentide väsimatu avastaja

Lorenz, Birgy Mente et Manu 2022 / lk. 12-17 : fot https://www.ester.ee/record=b1242496*est

Comparative analysis of telepresence robots' video performance : evaluating camera capabilities for remote teaching and learning

Talisainen, Aleksei; Leoste, Janika; Virkus, Sirje Applied Sciences (Switzerland) 2024 / art. 233 <https://doi.org/10.3390/app14010233> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Complex systems informatics and modeling quarterly

2023 <https://csimq-journals.rtu.lv/issue/view/299>

Conceptualising micro-credentials in the higher education research landscape. A literature review

Cartis, Alexandru; **Leoste, Janika;** Iucu, Romiță; **Kikkas, Kaido; Tammemäe, Kalle;** Männik, Katrin Polyphonic construction of smart learning ecosystems : proceedings of the 7th Conference on Smart Learning Ecosystems and Regional Development 2023 / p. 191-203 https://doi.org/10.1007/978-981-19-5240-1_13 [Conference proceedings at Scopus](#) [Article at Scopus](#)

CR14 ja Tallinna Tehnikaülikool sõlmisid leppe Eesti noorte küberkaitsevõistluse edendamiseks

Elektriala 2023 / lk. 11-12 : foto https://www.ester.ee/record=b1240496*est

A critical retelling of the implementing of telepresence robots to enhance learners' collaboration : through a posthumanist new materialist and intersectionalist lens

Leoste, Janika; Burnard, Pamela; Harris, Dan; Virkus, Sirje; Blakeborough, Jessica; Fenyes, Kristof; Lavicza, Zsolt; Marmor, Kristel Education, development and intervention : toward participatory and integrated solutions 2024 / p. 117-132 https://link.springer.com/chapter/10.1007/978-3-031-60713-4_8 https://doi.org/10.1007/978-3-031-60713-4_8

Curricula updates through students' participation in international competition

Valme, Daniil; Belolipetskaja, Diana; Rassõlkin, Anton; Leoste, Janika; Rüütmann, Tiia Robotics in education : proceedings of the RiE 2024 conference 2024 / p. 352-364 https://doi.org/10.1007/978-3-031-67059-6_31 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Dances with the Illuminati: Hands on social engineering in a classroom setting

Mäses, Sten; Lorenz, Birgy; Kikkas, Kaido; Karmo, Kristjan New Perspectives in Behavioral Cybersecurity: Human Behavior and Decision-Making Models 2024 / 7 p <https://doi.org/10.1201/9781003415060-7>

Designing workplace hybrid course

Kasuk, Tiina; Leoste, Janika International Symposium on Ambient Intelligence and Embedded Systems, Tallinn, Estonia, 11 - 14 September, 2024. 2024 / 1 p. : ill https://international-symposium.org/amies_2024/proceedings_2024/Kasuk_Leoste_AmiEs_2024_Poster.pdf

Development and future trends of digital product-service systems: a bibliometric analysis approach

Rakic, Slavko; Medic, Nenad; **Leoste, Janika;** Vuckovic, Teodora; Marjanovic, Ugljesa Applied system innovation 2023 / art. 89 ; p. 1–19 <https://doi.org/10.3390/asi6050089>

Development of children's cyber security competencies in Estonia

Lorenz, Birgy; Kikkas, Kaido; Osula, Kairi Learning and Collaboration Technologies : Learning and Teaching : 5th International Conference : LCT 2018, Held as Part of HCI International 2018, Las Vegas, NV, USA, July 15-20, 2018 : Proceedings, Part II 2018 / p. 473–482 https://doi.org/10.1007/978-3-319-91152-6_36 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

The diet of Eurasian perch larvae in lakes with different zooplankton assemblages

Zingel, Priit; Agasild, Helen; Zagars, Matiss; Feldmann, Tõnu; Tuvikene, Arvo; **Zingel, Tiina;** Puncule, Linda; Karus, Katrit Boreal environment research 2023 / p. 181-193 <https://www.borenv.net/BER/archive/pdfs/ber28/ber28-181-193.pdf> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journalmetrics at WOS](#) [Article at WOS](#)

Digiloovtöö : [õpik, 7.-9. klass]

Lorenz, Birgy; Valdmets, Maris; Palts, Tauno; Saadjärv, Riin; **Lust, Maia** 2023 <https://web.htk.tlu.ee/informaatika/digiloovtoo>

Digiloping teachers' mentor guidebook

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

Digiprügi keskkonnajalajalg kasvab iga aastaga hüppeliselt

Piir, Rait novaator.err.ee 2024 [Digiprügi keskkonnajalajalg kasvab iga aastaga hüppeliselt](#)

Digiturvalise kooli hindamine ja statuut

Lorenz, Birgy; Baum, Anu 2022 <https://drive.google.com/file/d/1quconUMvKztEwhwEBt2E8ohxqDLQwKbf/view>

Direct and indirect instruction in educational robotics: a comparative study of task performance per cognitive level and student perception

Anđić, Branko; Maričić, Mirjana; Mumcu, Filiz; Prodromou, Theodosia; **Leoste, Janika;** Saimon, Musa; Lavicza, Zsolt Smart learning environments 2024 / art. 12 <https://doi.org/10.1186/s40561-024-00298-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Education 4.0 in higher education and computer science : a systematic review

Rienties, Bart; Ferguson, Rebecca; Gonda, Dalibor; Hajdin, Goran; Herodotou, Christothea; Iniesto, Francisco; Llorens Garcia, Ariadna; Muccini, Henry; Sargent, Julia; **Virkus, Sirje;** Isidori, Maria Vittoria Computer Applications in Engineering Education 2023 / p. 1339 - 1357 <https://doi.org/10.1002/cae.22643> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Eesti mõisad : reisijuht : 674 mõisat üle Eesti

2019 https://www.ester.ee/record=b5238489*est

Eesti teadlaste avastus võimaldab akusid suuremal määral ümbertöödelda

Saar, Sandra novaator.err.ee 2024 [Eesti teadlaste avastus võimaldab akusid suuremal määral ümbertöödelda](#)

Eesti teede ja transpordi 100 aastat

Praust, Valdo 2018 https://www.ester.ee/record=b4770235*est

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

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

Enhancing university visitor satisfaction : a human-robot interaction study on the design and perception of a guiding robot assistant

Leoste, Janika; Marmor, Kristel; Hollstein, Thomas; Hinkelmann, Heiko; **Leoste, Leo Benjamin** Robotics in education : proceedings of the RiE 2024 conference 2024 / p. 223-234 https://doi.org/10.1007/978-3-031-67059-6_20 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Environment challenges of e-learning in higher education - the teachers' perspective

Leoste, Janika; Jõgi, Larissa; Õun, Tiia; Marjanovic, Ugljesa; Rakic, Slavko; Schöndorfer, Simone; Lefkofridi, Zoe Polyphonic construction of smart learning ecosystems : proceedings of the 7th Conference on Smart Learning Ecosystems and Regional Development 2023 / p. 143-156 https://doi.org/10.1007/978-981-19-5240-1_10

Ettevõtte vajab IT-süsteemide administreerimise spetsialiste samamoodi, nagu inimene vajab vett ja õhku

delfi.ee 2023 [Ettevõtte vajab IT-süsteemide administreerimise spetsialiste samamoodi, nagu inimene vajab vett ja õhku](#)

Evaluation of VoIP QoS performance in wireless mesh networks

Meeran, Mohammad Tariq; Annus, Paul; Alam, Muhammad Mahtab; Le Moullec, Yannick Information 2017 / art. 88, p. 1-26 : ill <https://doi.org/10.3390/info8030088> [Journal metrics at Scopus](#) [Article at Scopus](#)

An experimental methodology for introducing educational robotics and storytelling in therapeutical activities for children with neurodevelopmental disorders

Peribanez, Elena; Bayona, Sofia; San Martin, Jose; Verde, Ana; Garre, Carlos; **Leoste, Janika;** Pastor, Luis Machines 2023 / art. 629 <https://doi.org/10.3390/machines11060629>

An experimental study on re-ranking web shop search results using semantic segmentation of user profiles

Poppink, Bram; Frasinca, Flavius; **Robal, Tarmo** Electronic commerce research and applications 2023 / art. 101310 <https://doi.org/10.1016/j.eierap.2023.101310> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Exploring challenges in remote communication : comparing teleconferencing software and telepresence robots usage in higher education

Talaisainen, Aleksei; Leoste, Janika; Virkus, Sirje Proceedings of the Future Technologies Conference (FTC) 2024, Volume 2 2024 / p. 287 - 300 https://doi.org/10.1007/978-3-031-73122-8_18 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Exploring the power of telepresence: enhancing education through telepresence robots

Kasuk, Tiina; Virkus, Sirje Information and Learning Science 2024 / p. 109 - 137 <https://doi.org/10.1108/ILS-07-2023-0093> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Factors of socially engineering citizens in critical situations

Lorenz, Birgy; Kikkas, Kaido; Osula, Kairi Advances in Human Factors in Cybersecurity : proceedings of the AHFE 2018 : International Conference on Human Factors in Cybersecurity, July 21-25, 2018, Loews Sapphire Falls Resort at Universal Studios, Orlando, Florida, USA 2019 / p. 229-240 https://doi.org/10.1007/978-3-319-94782-2_23 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Filosoofia ja loogika e-kursuste enesetestid [Elektrooniline teavik]

Meos, Indrek 2020 <https://www.indrekmeos.xyz/enesetestid.html>

Filosoofia ja loogika testid [Elektrooniline teavik]

Meos, Indrek 2020 <https://filosoofia.indrekmeos.xyz/testid/>

From the molecules of resorcinolic lipids to alga G. prisca globular colonies in kukersite microfossils : a multiscale simulation study

Kaevand, Toomas; Lille, Ülo Oil shale 2020 / p. 281-287 : ill <https://doi.org/10.3176/oil.2020.4.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

From traditional to challenge-based learning : a case study

Lorenz, Birgy; Kikkas, Kaido Proceedings of the European Conference on e-Learning, ECEL, vol. 23, 1 2024 / p. 227-234 <https://doi.org/10.34190/ecel.23.1.2516> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Hacking a hackathon : initiating positive change in digital education through international edtech hackathons

Leoste, Janika; Tomusk, Voldemar; Väärt, Sirly; Rakic, Slavko; Fenyvesi, Kristóf; Kauppinen, Tomi ICERI 2024 proceedings : 17th annual International Conference of Education, Research and Innovation Seville, Spain, 11-13 November, 2024 2024 / p. 6277-6285 : ill <https://doi.org/10.21125/iceri.2024.1518>

Haiged lapsed saavad robotite abil katkestamatult kooliteed jätkata

Kasuk, Tiina novaator.err.ee 2025 [Haiged lapsed saavad robotite abil katkestamatult kooliteed jätkata](#)

Haridussektoris suureneb digiväsimus

Lorenz, Birgy Õpetajate Leht 2024 / lk. 2 [Haridussektoris suureneb digiväsimus](#)

Harno loobub eksamite kontrollimisest plagiaadituvastustarkvaraga

Einmaa, Iida-Mai err.ee 2024 [Harno loobub eksamite kontrollimisest plagiaadituvastustarkvaraga](#)

Higher education personnel's perceptions about telepresence robots

Leoste, Janika; Virkus, Sirje; **Talisainen, Aleksei;** Tammemäe, Kalle; Kangur, Katrin; Petriashvili, Izabella *Frontiers in Robotics and AI* 2022 / 14 p. : ill <https://doi.org/10.3389/frobt.2022.976836> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Higher education teachers' perceptions about teaching and learning related qualities of telepresence robots

Leoste, Janika; Virkus, Sirje; **Talisainen, Aleksei** *ROBOT2022 : Fifth Iberian Robotics Conference : Advances in Robotics*. Vol. 1 2022 / p. 526-537 https://doi.org/10.1007/978-3-031-21065-5_43 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

The impact of a transdisciplinary STEAM teacher training course on the integration of robotics in early childhood education

Rossi, Matti; Saimon, Musa; **Leoste, Janika;** Fenyvesi, Kristof; Lavicza, Zsolt *Robotics in education : proceedings of the RiE 2024 conference 2024* / p. 114-125 : ill https://doi.org/10.1007/978-3-031-67059-6_11 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Infoühisond : [õpik, 7.-9. klass]

Laanpere, Mart; **Lorenz, Birgy;** Saadjärv, Riin; Valdmets, Maris; Väli, Reelika; Palts, Tauno; Lust, Maia 2023 <https://web.htk.tlu.ee/informaatika/infoyhiskond/>

Innovative approaches in second language learning : educational games with social assistive robot assistant

Banko, Aalo; **Leoste, Janika;** Tuul, Maire *ICERI 2024 proceedings : 17th annual International Conference of Education, Research and Innovation Seville, Spain, 11-13 November, 2024* 2024 / p. 6146–6153 : ill <https://doi.org/10.21125/iceri.2024.1490>

Integration of Artificial Intelligence in higher education programming courses : insights from student perspectives and practices

Leoste, Janika; Pöial, Jaanus; Kivisalu, Einar; Robal, Tarmo; Marjanovic, Ugljesa; Rakić, Slavko *Futureproofing Engineering Education for Global Responsibility : Proceedings of the 27th International Conference on Interactive Collaborative Learning (ICL 2024)* ; vol. 1 2024 / p. 1067-1077 https://doi.org/10.1007/978-3-031-85652-5_42

Introducing rapid web application development with Oracle APEX to students of higher education

Robal, Tarmo; Reinsalu, Uljana; Jürimägi, Lembit; Heinsar, Risto *New trends in computer sciences 2024* / p. 69-80 <https://doi.org/10.3846/ntcs.2024.21227>

IT juhtimine

Onemar, Ats; **Praust, Valdo;** Tepandi, Jaak; Perens, Algis 1999 https://www.ester.ee/record=b1313380*est

IT juhtimine

Onemar, Ats; **Praust, Valdo;** Tepandi, Jaak; Perens, Algis 1999 https://www.ester.ee/record=b1686763*est

IT Kolledži uus juht: lisaks IT-le peame õpetama ka tiimitööd ja suhtlemisoskust

Kald, Indrek *ituudised.ee* 2024 [IT Kolledži uus juht: lisaks IT-le peame õpetama ka tiimitööd ja suhtlemisoskust](https://ituudised.ee/it-kolledzi-uus-juht-lisaks-it-le-peame-opetama-ka-tiimitood-ja-suhtlemisoskust)

IT-hariduse skeletiks on nüüd inseneriks saamine

Jervan, Gert; Lorents, Peeter *Mente et Manu* 2017 / lk. 39-41 : fot http://www.ester.ee/record=b1242496*est https://artiklid.elnet.ee/record=b2830876*est

IT-teadlaste manitsus : enne kui sisestate veebiavarusse oma krediitkaardiandmed, pange tähele...

Lorenz, Birgy; Kikkas, Kaido *delfi.ee* 2022 <https://forte.delfi.ee/artikkel/120110952/it-teadlaste-manitsus-enne-kui-sisestate-veebiavarusse-oma-krediitkaardiandmed-pange-tahele>

IT-teaduskond 2018/2019 / Tallinna Tehnikaülikool, infotehnoloogia teaduskond. Tallinna Tehnikaülikool, IT Kolledž 2018

IT-vahenditega viiruse vastu

Vapper, Tiit *Postimees* 2021 / Lk. 13 : fot <https://dea.digar.ee/article/postimees/2021/03/23/12.6>

Kaasav küberturvalisuse mäng

Lorenz, Birgy; Toom, Hanna; Muulmann, Triin; Kirna, Catlyn 2024 <https://drive.google.com/file/d/1667DUZwhgcstopp3tMQ7r0nQVxwKzPW2/view>

Kaido Kikkas : hea õppejõud on sangviinik, võib-olla isegi natuke artist

Kikkas, Kaido *Mente et Manu* 2019 / lk. 12-17 : fot https://www.ttu.ee/public/m/mente-et-manu/MM_05_2019/mobile/index.html https://www.ester.ee/record=b1242496*est

Kaido Kikkas: tehisaru hiilgus ja viletsus – ühe õppejõu vaade

Kikkas, Kaido *Trialoog* 2025 <https://trialoog.taltech.ee/kaido-kikkas-tehisaru-hiilgus-ja-viletsus-uhe-oppejou-vaade/>

Keeping distance with a telepresence robot : a pilot study

Leoste, Janika; Heidmets, Mati; Virkus, Sirje; **Talisainen, Aleksei;** **Rebane, Martin;** Kasuk, Tiina; Tammemäe, Kalle; Kangur, Katrin; Kikkas, Kaido; Marmor, Kristel *Frontiers in education* 2023 / art. 1046461 : ill <https://doi.org/10.3389/feduc.2022.1046461>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Keeping social distance in a classroom while interacting via a telepresence robot : a pilot study

Marmor, Kristel; **Leoste, Janika;** Heidmets, Mati; **Rebane, Martin;** Põial, Jaanus; Kasuk, Tiina; Kangur, Katrin *Frontiers in Neurorobotics* 2024 / art. 1339000 <https://doi.org/10.3389/fnbot.2024.1339000> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Kes juhib ennastjuhtivat õppijat?

Juurak, Raivo *Õpetajate Leht* 2023 / lk. 2-3 <https://dea.digar.ee/article/opetajateleht/2023/12/12/4.1> [Kes juhib ennastjuhtivat õppijat?](#)

Kesine väljaõpe pidurdab hoolekandesektoris uue tehnoloogia kasutuselevõttu

Lahe, Palmi 2025 <https://novaator.err.ee/1609602926/kesine-valjaope-pidurdab-hoolekandesektoris-ue-tehnoloogia-kasutuselevottu>

Koolid peavad õppima tehisintellekti rakendama

Lorenz, Birgy *postimees.ee* 2023 [Koolid peavad õppima tehisintellekti rakendama](#)

Koroonapass muudab elu lihtsamaks

Vapper, Tiit *Postimees* 2021 / Lk. 10 <https://dea.digar.ee/article/postimees/2021/08/03/11.4>

Kuidas leida enda jaoks sobiv IT-bakalaureuseeriala TalTechis?

postimees.ee 2025 <https://www.postimees.ee/8231230/kuidas-leida-enda-jaoks-sobiv-it-bakalaureuseeriala-taltechis>
<https://arileht.delfi.ee/artikkel/120382051/kuidas-leida-enda-jaoks-sobiv-it-bakalaureuseeriala-taltechis>

Kuidas teha bigbändi aastal 2020?

Karmo, Kristjan *Mente et Manu* 2021 / lk. 66-67 : fot [Mente et Manu 1/2021](#) https://www.ester.ee/record=b1242496*est

KüberNööpnõel 2021 : Uuringu analüüs

Lorenz, Birgy; Eomäe, Taavi; **Talisainen, Aleksei;** Kasvandik, Keit 2022 <https://drive.google.com/file/d/1-fgLvGoTUNSi6KYAfLuF3iZeS4rxARK/view>

KüberNööpnõel 2022 : tulemused

Lorenz, Birgy; Toom, Hanna; **Talisainen, Aleksei;** **Baum, Anu;** Eomäe, Taavi 2023 <https://docs.google.com/document/d/1hExVLGR88jwb82mBDKx3IJ2Fex7uyQjXtUbJxuJts/edit>

KüberNööpnõel 2023 tulemused

Lorenz, Birgy; Eomäe, Taavi; **Talisainen, Aleksei;** Toom, Hanna 2024 https://docs.google.com/document/d/1SY5siAUVz3o-smwP023ZmhBnpTD8R-9Si7TtCHN1_Lo/edit

KüberPuuring 2021 analüüs : võistlus 7.-12. klassile

Lorenz, Birgy; Eomäe, Taavi; **Talisainen, Aleksei;** Kikas, Oliver; Rannaste, Katrin; Muulman; **Muulmann, Triin;** **Baum, Anu** 2022 <https://drive.google.com/file/d/1mV48elbfSbWriYiYdWE8ZEjMs1v8rZQw/view>

KüberPuuring 2022 analüüs : võistlus 7.-12. klassile

Lorenz, Birgy; Eomäe, Taavi; **Talisainen, Aleksei;** Kikas, Oliver; Muulmann, Triin 2022 https://docs.google.com/document/d/1PuBEKJrHGIMU6h9vWb_-e7eExrG3kE7aSiTGtr9vsY/edit

Küberpuuring 2023 analüüs : võistlus 7.-12. klassile ja kutsekoolile

Lorenz, Birgy; Toom, Hanna; Eomäe, Taavi; **Talisainen, Aleksei;** Kikas, Oliver; **Muulmann, Triin** 2024 https://docs.google.com/document/d/1pKbFPLZiN6McSAlmM8U_073i4B76V9JgsU4zDVhko4/edit

KüberPõgenemistuba

Lorenz, Birgy; Lust, Maia; **Muulmann, Triin;** Toom, Hanna; Kirna, Catlyn 2024 <https://sites.google.com/view/pogene>

KüberPähkel 2022 tulemused

Lorenz, Birgy; Eomäe, Taavi; **Talisainen, Aleksei;** Toom, Hanna 2023 <https://docs.google.com/document/d/1MOEUsvhLji8e9-DuYA7YRGLckC9aXx1nnx2eXPF9SUA/edit>

Küberpähkel 2023 analüüs

Lorenz, Birgy; Eomäe, Taavi; **Talisainen, Aleksei;** Toom, Hanna 2024 https://docs.google.com/document/d/1knA665JvAkpZMudb77QixTFildgJLdP_PtzaNz8mMcY/edit

Küberpähkel uuring

Lorenz, Birgy; Eomäe, Taavi; Kirna, Catlyn; Poudel, Diana; Talisainen, Aleksei; **Sömer, Tiia;** Mikli, Aet; Pau, Annika; **Baum, Anu**

2022 https://drive.google.com/file/d/1Aj0jzvdr6EZdt_F8AXUQlbpX8HHvj2dC/view

Kübertalendid ja nende harimine

Lorenz, Birgy; Toom, Hanna; Baum, Anu 2022 https://drive.google.com/file/d/1dcq-evoBrvka4XxdeqTAICF_4-lITpA1/view

Lastehaigla tahab luua robotassistendi, kes aitaks lapse arsti vastuvõtule

Filippov, Madis med24.ee 2024 [Lastehaigla tahab luua robotassistendi, kes aitaks lapse arsti vastuvõtule](#)

Lisamoodulid XV, XVI, XVII, XVIII

Luberg, Ago; Antoi, Meelis; Kivisalu, Einar; Lorenz, Birgy Tarkvaraarendus : informaatika valikkursus ja valikmoodulid gümnaasiumile 2023 <https://web.htk.tlu.ee/digitaru/tarkvara2/>

A location-based application for recording the video stream of urban traffic cameras

Leoste, Karl Aleksander; Leoste, Johan Valdemar; Leoste, Janika; San Martin, Jose Emerging Trends and Technologies on Intelligent Systems : Proceedings of 4th International Conference ETTIS 2024 2025 / p. 337-348 https://doi.org/10.1007/978-981-97-5703-9_29

LUMI jõuab TalTechi teadlaste käsutusse

Imeline Teadus 2021 / lk. 21 https://www.ester.ee/record=b2747925*est

Lühiesseed. V osa [Elektrooniline teavik]

Meos, Indrek 2020 https://filosoofia.indrekmeos.xyz/esseed_5.html

Lühiesseed. IV osa [Elektrooniline teavik]

Meos, Indrek 2019 http://filosoofia.indrekmeos.xyz/esseed_4.html

Meie Eesti naised : Naisteadlased, kes parandavad tervist, vaimset heaolu, päikeseenergeetikat ja Eesti majandust
Velthut-Meikas, Agne; Bachmann, Maie; Leoste, Janika; Grossberg-Kuusk, Maarja; Kauk-Kuusik, Marit goodnews.ee 2023
[Meie Eesti naised : Naisteadlased, kes parandavad tervist, vaimset heaolu, päikeseenergeetikat ja Eesti majandust](#)

Mida õppida ajaloost?

Praust, Valdo Teeleht 2018 / lk. 50-53 : ill http://www.ester.ee/record=b1073043*est
https://www.mnt.ee/sites/default/files/road_paper_pdf/teeleht_93_veb_must.pdf

Mis sa teeksid, kui Windows enam ei toimiks? Räägime vabavarast

Laugasson, Edmund; Paju, Andres ohtuleht.ee 2025 <https://www.ohtuleht.ee/tarbija/1129948/video-mis-sa-teeksid-kui-windows-enam-ei-toimiks-raagime-vabavarast>

Mängulise turundusega maailma tippu

Vaaks, Eveliis Trialoog 2025 <https://trialoog.taltech.ee/mangulise-turundusega-maailma-tippu/>

Naised küberturbes - eeskujud tüdrukutele

Lorenz, Birgy; Valdmets, Maris 2021 <https://sites.google.com/view/eeskujud>

Nonverbal behavior of service robots in social interactions – a survey on recent studies

Leoste, Janika; Marmor, Kristel; Heidmets, Mati Interaction Design and Architecture(s) 2024 / P. 164 - 192
<https://doi.org/10.55612/s-5002-061-006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The opinions of basic school students regarding the use of telepresence robots for teaching and learning

Leoste, Janika; Kangur, Katrin; Talisainen, Aleksei; Muoni, Karin; Marmor, Kristel; Budagov, Fuad; Strömberg-Järvis, Kadri; Rebane, Anne-Mari; Rossi, Matti Robotics in education : proceedings of the RiE 2024 conference 2024 / p. 89-100
https://doi.org/10.1007/978-3-031-67059-6_9 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

«Oppenheimer» paneb mõtlema teaduse edendamise ja eetiliste valikute vahel

Masso, Anu; Pevkur, Aive; Lorenz, Birgy postimees.ee 2023 [«Oppenheimer» paneb mõtlema teaduse edendamise ja eetiliste valikute vahel](#)

Overcoming system complexity using models and knowledge structures. Editorial introduction to issue 36 of CSIMQ

Nazaruka, Erika; Robal, Tarmo Complex systems informatics and modeling quarterly (CSIMQ) 2023 / p. I-II
<https://doi.org/10.7250/csimq.2023-36.00> [Journal metrics at Scopus](#) [Article at Scopus](#)

Pair-programming with a telepresence robot

Leoste, Janika; Pöial, Jaanus; Marmor, Kristel; Fenyvesi, Kristof; Häkkinen, Päivi Robotics in education : proceedings of the RiE 2023 conference 2023 / p. 143 - 154 https://doi.org/10.1007/978-3-031-38454-7_13 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Platform for the collaboration of scientific research organizations and industry: evidence from the “EdTech Talents” project

Marjanovic, Ugljesa; Spasic, Branko; **Leoste, Janika** XXX skup Trendovi razvoja [sa temom] "Nastavnici i saradnici kao centar promena u visokom obrazovanju", Vrnjačka Banja, 7-10.02.2024 : proceedings 2024 / p. 5-8
http://www.trend.uns.ac.rs/stskup/trend_2024/TREND2024-ZBORNIK-RADOVA.pdf

The potential of telepresence in libraries : students' perspectives

Virkus, Sirje; Alemu, Getaneh; Paimre, Marianne; Mandre, Sigrid; **Leoste, Janika; Talisainen, Aleksei; Marmor, Kristel; Pöial, Jaanus** Libri 2024 / p. 105-118 <https://doi.org/10.1515/libri-2023-0082> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The potential of using social service robots in the healthcare environment

Leoste, Janika; Marmor, Kristel; Kangur, Katrin; Budagov, Fuad; Rossi, Matti 10th International Conference on Higher Education Advances (HEAd'24) 2024 / p. 522-529 <https://doi.org/10.4995/HEAd24.2024.17047> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Preface

The 16th International Baltic Conference on Digital Business and Intelligent Systems : Baltic DB&IS Conference Forum and Doctoral Consortium 2024, 30 June – 03 July, Vilnius, Lithuania : proceedings 2024 / 1 p <https://ceur-ws.org/Vol-3698/preface.pdf>

Preface

Lupeikienė, Audronė; Ralytė, Jolita; Kalibatienė, Diana; **Robal, Tarmo;** Dzemyda, Gintautas Joint Proceedings of Baltic DB&IS Conference Forum and Doctoral Consortium 2024 co-located with 16th International Baltic Conference on Digital Business and Intelligent Systems (Baltic DB&IS 2024) 2024 / p. 2 <https://ceur-ws.org/Vol-3698/preface.pdf> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Rehkendame rahvast : millised sündmused on Eesti elanike hulka kasvatatud ja kahandanud?

Uustalu, Arvo Õhtuleht 2023 / Lk. 8 : fot [Rehkendame rahvast: millised sündmused on Eesti elanike hulka kasvatatud ja kahandanud?](#)

Robot kooli õpetajale appi?

Tööstus : [ajalehe Eesti Päevaleht lisa] 2023 / Lk. 14 https://www.ester.ee/record=b4750061*est

Rollikonfliktist ülikoolis

Lorenz, Birgy; Pevkur, Aive taltech.ee 2024 <https://taltech.ee/uudised/rollikonflikt-ulikoolis>

Securing self-aware cyber-physical systems using digital twins

Meeran, Mohammad Tariq 2024 19th Biennial Baltic Electronics Conference (BEC) 2024 / 5 p. : ill
<https://doi.org/10.1109/BEC61458.2024.10737954> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Siim Vene: rakenduste tööks klassikaliselt vajalikud ressursid on arendajate ja IT-osakonna vaheline pidev omavahelise hõõrumise allikas, aga sellele on lahendus olemas

Vene, Siim digi.geenius.ee 2023 [Siim Vene: rakenduste tööks klassikaliselt vajalikud ressursid on arendajate ja IT-osakonna vaheline pidev omavahelise hõõrumise allikas, aga sellele on lahendus olemas](#)

Social service robots in academic library – for what and to whom?

Leoste, Janika; Marmor, Kristel; Jantson, Signe 17th annual International Conference of Education, Research and Innovation 2024 / p. 3920-3926 <https://doi.org/10.21125/iceri.2024.0995>

Special track on Intelligent Systems for Digital Era (ISDE)

2024 <https://doi.org/10.1145/3605098>

Special track on Intelligent Systems for Digital Era (ISDE) : editorial message

Robal, Tarmo; Liiv, Innar; Kalibatiene, Diana; Matulevičius, Raimundas SAC '24 : Proceedings of the 39th ACM/SIGAPP Symposium on Applied Computing, Avila, Spain, April 8-12, 2024 2024 / p. 652-653 <https://dl.acm.org/action/showFmPdf?doi=10.1145%2F3605098> [Article at Scopus](#)

Surviving the unforeseen - teaching IT and engineering students during COVID-19 outbreak

Ruberg, Priit; Ellervee, Peeter; Tammemäe, Kalle; Reinsalu, Uljana; Rähni, Andres; Robal, Tarmo Proceedings - Frontiers in Education Conference, FIE 2022 / Code 184790 <https://doi.org/10.1109/FIE56618.2022.9962383> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

A systematic literature review on applicability of robot assistants in higher education

Budagov, Fuad; Leoste, Janika; Meeran, Mohammad Tariq; Robal, Tarmo Methodologies and Intelligent Systems for Technology Enhanced Learning : MIS4TEL 2024 2024 / p. 21-32 https://doi.org/10.1007/978-3-031-73538-7_3 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

TalTech kutsub avastusretkele teadusesse

digi.geenius.ee 2023 [TalTech kutsub avastusretkele teadusesse](#)

TalTechi aasta vilistlane, Testlio asutaja Kristel Kruustük: hirmutavad hetked suunavad õigele rajale

digi.geenius.ee 2023 [TalTechi aasta vilistlane, Testlio asutaja Kristel Kruustük: hirmutavad hetked suunavad õigele rajale](#)

TalTechi populaarsele erialale sissesaamiseks tuleb esitada portfoolio

postimees.ee 2023 [TalTechi populaarsele erialale sissesaamiseks tuleb esitada portfoolio](#)

Teaching rapid application development skills for digitalisation challenges

Robal, Tarmo; Reinsalu, Uljana; Leoste, Janika; Jürimägi, Lembit; Heinsar, Risto Digital Business and Intelligent Systems : 16th International Baltic Conference, Baltic DB&IS 2024, Vilnius, Lithuania, June 30 – July 3, 2024, Proceedings 2024 / p. 177-192 : ill https://doi.org/10.1007/978-3-031-63543-4_12 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Teadus või eetika? Teadus ja eetika

Masso, Anu; Pevkur, Aive; Lorenz, Birgy Mente et Manu 2023 / lk. 4-5 https://www.ester.ee/record=b1242496*est

Tehisaru hiilgus ja viletsus : ühe õppejõu vaade

Kikkas, Kaido Mente et Manu 2025 / lk. 4-7 : fot https://www.ester.ee/record=b1242496*est [2/2025](#)

Tehisintellekt on tulnud kooli, et jääda

Õunapuu, Janet err.ee 2023 [Tehisintellekt on tulnud kooli, et jääda](#)

Tehisintellekti kiire areng töötab kiibitööstust põhjalikult raputada

Port, Kristjan delfi.ee 2023 [Tehisintellekti kiire areng töötab kiibitööstust põhjalikult raputada](#)

Tehiskaaslane tõttab inimesele appi

Vaaks, Eveliis Trialoog 2025 <https://trialoog.taltech.ee/tehiskaaslane-tottab-inimesele-appi/>

Tehisreaalsus astus koolipinki - oi, mis nüüd küll saab?

Lorenz, Birgy Arvamus, kultuur : [ajalehe Postimees lisa] 2023 / Lk. 6-7 [Tehisreaalsus astus koolipinki – oi, mis nüüd küll saab?](#) <https://dea.digar.ee/article/ak/2023/01/28/5.1>

Telepresence robots from the perspective of psychology and educational sciences

Virkus, Sirje; **Leoste, Janika; Marmor, Kristel; Kasuk, Tiina; Talisainen, Aleksei** Information and Learning Science 2023 / p. 48-69 <https://doi.org/10.1108/ILS-09-2022-0106> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Telepresence robots in higher education - the current state of research

Leoste, Janika; Kikkas, Kaido; Tammemäe, Kalle; Rebane, Martin; Laugasson, Edmund; Hakk, Kristiina Robots in education : RiE 2022 2022 / p. 124-134 https://doi.org/10.1007/978-3-031-12848-6_12 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Testing scenarios for using telepresence robots in healthcare settings

Leoste, Janika; Strömberg-Järvis, Kadri; Robal, Tarmo; Marmor, Kristel; Kangur, Katrin; Rebane, Anne-Mari Computational and structural biotechnology journal 2024 / p. 105-114 <https://doi.org/10.1016/j.csbj.2024.01.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Tiit Vapper: IT-vahenditega viiruse vastu [Võrguväljaanne]

Vapper, Tiit postimees.ee 2021 ["Tiit Vapper: IT-vahenditega viiruse vastu"](#)

Tiit Vapper: vaktsiinipass on meil tegelikult juba olemas [Võrguväljaanne]

Vapper, Tiit err.ee 2021 ["Tiit Vapper: vaktsiinipass on meil tegelikult juba olemas "](#)

Tiit Vapper: vaktsiinipassiga piirangutest vabaks – unistus või tegelikkus [Võrguväljaanne]

Vapper, Tiit postimees.ee 2021 ["Tiit Vapper: vaktsiinipassiga piirangutest vabaks – unistus või tegelikkus "](#)

Tuleviku õpetamine : kuidas AI muudab haridust?

Lorenz, Birgy Mente et Manu 2023 / lk. 56-57 : portr https://www.ester.ee/record=b1242496*est

Tuleviku õpetamine: kuidas muudab tehisintellekt haridust?

Lorenz, Birgy digi.geenius.ee 2023 [Tuleviku õpetamine: kuidas muudab tehisintellekt haridust?](#) https://haldus.taltech.ee/sites/default/files/2023-06/MM_2023-2.pdf

Täna tähistatakse rahvusvahelist turvalise interneti päeva

goodnews.ee 2024 [Täna tähistatakse rahvusvahelist turvalise interneti päeva](#)

Töökohad on ohus : tehisintellekt hakkab ettevõtteid nõustama

Pevkur, Aive; Lorenz, Birgy; ChatGPT Trialoog 2024 <https://trialoog.taltech.ee/tookohad-on-ohus-tehisintellekt-hakkab-ettevotteid-noustama/>

Understanding the potential of telepresence robots in higher education learning : a case study

Leoste, Janika; Talisainen, Aleksei; Pöial, Jaanus; Kangur, Katrin; Kasuk, Tiina; Parts, Joosep Advances in Information and Communication Proceedings of the 2024 Future of Information and Communication Conference (FICC), Volume 1 2024 / p. 694-704 https://doi.org/10.1007/978-3-031-53960-2_45 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Unlocking latent potential : a longitudinal study on enhancing skill diversity in cybersecurity through competitions

Lorenz, Birgy; Kikkas, Kaido; Toom, Hanna EDULEARN24 Proceedings 2024

Usability platform test : evaluating the effectiveness of educational technology applications

Rakic, Slavko; Softic, Selver; Andriichenko, Yevheniia; Turcin, Ioan; Markoski, Branko; Leoste, Janika ICL2024 – 27th International Conference on Interactive Collaborative Learning, 24–27 September 2024, TalTech, Tallinn, Estonia 2024 / p. 2323-2332 https://www.researchgate.net/publication/384355628_Usability_Platform_Test_Evaluating_the_Effectiveness_of_Educational_Technology_Applications

Using electric vehicles to enhance power supply resilience of buildings during emergencies and critical situations

Carvalho da Silva, Edivan Laercio; Chub, Andrii; Blinov, Andrei; Vinnikov, Dmitri; Kyselova, Anna 2024 IEEE 65th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2024 / 6 p <https://doi.org/10.1109/RTUCON62997.2024.10830812>

Using language translation software to detect and classify cyberattacks from suspected cyberattackers from specific countries and languages

Patterson, Wayne; Azzoni, Carlos; Florea, Diana; Kikkas, Kaido; Lorenz, Birgy; Malachias, Rosangela; Vagulin, Leonid; Yu, William New perspectives in behavioral : cybersecurity II human behavior for business, profiling, linguistics and voting 2025 <https://www.routledge.com/New-Perspectives-in-Behavioral-Cybersecurity-II-Human-Behavior-for-Business-Profiling-Linguistics-and-Voting/Patterson/p/book/9781032983523>

Using telepresence robots for ICT consultancy

Leoste, Janika; Pöial, Jaanus; Rebane, Martin; Marmor, Kristel; Tammemäe, Kalle Towards a hybrid, flexible and socially engaged higher education 2024 / p. 157-168 https://doi.org/10.1007/978-3-031-52667-1_17 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Using telepresence robots for remote participation in technical subjects in higher education

Meeran, Mohammad Tariq; Leoste, Janika; Budagov, Fuad; Pöial, Jaanus; Marmor, Kristel Smart learning ecosystems as engines of the green and digital transition : proceedings of the 8th conference on smart learning ecosystems and regional development 2023 / p. 133–147 https://doi.org/10.1007/978-981-99-5540-4_8

Uso del aprendizaje híbrido para afrontar la incertidumbre ante las condiciones de enseñanza durante la crisis del covid-19. un caso de estudio

Leoste, Janika; Trabada, Ana Verde; Pastor, Luis; Tuul, Maire; Õun, Tiia A educação e suas generalidades ; 1 2022 / p. 149–173 <https://doi.org/10.35587/brj.ed.0001699>

Uuring: inimesed eelistavad liftis seista alati sama koha peal

Harrik, Airika novaator.err.ee 2025 [Uuring: inimesed eelistavad liftis seista alati sama koha peal Uuring: inimesed eelistavad liftis seista alati sama koha peal https://doi.org/10.1007/978-3-031-75887-4_10](https://doi.org/10.1007/978-3-031-75887-4_10)

Vaktsiinipassiga piirangutest vabaks

Vapper, Tiit Postimees 2021 / Lk. 16 <https://dea.digar.ee/article/postimees/2021/04/08/15.10>

Women in tech – role models for girls. Estonian case

Lorenz, Birgy Educational media international 2023 / p. 292-305 <https://doi.org/10.1080/09523987.2023.2324599> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Õpetamisteadlane AI koolis kasutamisest: vanemad peaksid mõistma, et nende laps ei kasva üles samas maailmas, kus möödus nende lapsepõlv

Sibul, Joonas-Priit digi.geenius.ee 2023 [Õpetamisteadlane AI koolis kasutamisest: vanemad peaksid mõistma, et nende laps ei kasva üles samas maailmas, kus möödus nende lapsepõlv](https://doi.org/10.1007/978-3-031-75887-4_10)

Открытие эстонских ученых позволит перерабатывать аккумуляторы в большем объеме

Saar, Sandra rus.err.ee 2024 [Открытие эстонских ученых позволит перерабатывать аккумуляторы в большем объеме](https://doi.org/10.1007/978-3-031-75887-4_10)