

BIR-WS 2025 : BIR 2025 Workshops and Doctoral Consortium : Joint Proceedings of the BIR 2025 Workshops and Doctoral Consortium co-located with 24th International Conference on Perspectives in Business Informatics Research, Riga, Latvia, September 17-19, 2025

2025 <https://ceur-ws.org/Vol-4034>

Breaking Barriers : Strategies for Achieving Equity in Academic Careers in ICT/Informatics/STEM

Silva, Paula Alexandra; Murphy, Brenda; Echihab, Karima; Tuma, Katja; Diaz, Paloma; **Lorenz, Birgy**; Huisman, Marieke Actions for Gender Balance in Informatics Across Europe 2025 / p. 243-267 https://doi.org/10.1007/978-3-031-78432-3_11

Comparing domain expert and machine learning data enrichment of building registry

Torim, Ants; Iliste, Elisa; Pikas, Ergo; Liiv, Innar; Robal, Tarmo; Kalamees, Targo Buildings 2025 / art. 1798 <https://doi.org/10.3390/buildings15111798>

Development of a platform for nonformal education services : a Case study in the field of STEM in Estonia

Rillo, Kristel; **Lorenz, Birgy** Learning and Collaboration Technologies : 12th International Conference, LCT 2025, Held as Part of the 27th HCI International Conference, HCII 2025 : Proceedings, Part I 2025 / p. 371-383 https://doi.org/10.1007/978-3-031-93564-0_23

Digital competencies for caregiving: Preliminary review of literature

Lahe, Palmi Artificial Intelligence Applications and Innovations. AIAI 2025 IFIP WG 12.5 International Workshops 2025 / p. 330-335 https://doi.org/10.1007/978-3-031-97313-0_25

Eakate hooldus ei tohi ajast maha jääda, otse vastupidi!

Lahe, Palmi Äripäev 2025 <https://www.aripaev.ee/arvamus/2025/03/03/palmi-lahe-eakate-hooldus-ei-tohi-ajast-maha-jaada-otse-vastupidi>

Enhancing IT education through tailored course selection : A case study from Estonian general education school

Lorenz, Birgy; Luberg, Ago; Poudel, Diana Learning and Collaboration Technologies : 12th International Conference, LCT 2025, Held as Part of the 27th HCI International Conference, HCII 2025 : Proceedings, Part I 2025 / p. 300-314 https://doi.org/10.1007/978-3-031-93564-0_18

Enhancing synchronous hybrid learning with telepresence robots: a PEPCII pedagogical design model for remote and onsite student engagement

Kasuk, Tiina; Leoste, Janika; Virkus, Sirje Frontiers in education 2025 / 15 p <https://doi.org/10.3389/feduc.2025.1554065>

Enhancing the aspect robustness score of the HAABSA++ model using adversarial training

Agha, Milad; Frasin, Flavius; Zhu, Beilly; **Robal, Tarmo** Web Engineering : 25th International Conference, ICWE 2025, Delft, The Netherlands, June 30 – July 3, 2025 : Proceedings 2026 / p. 89-103 <https://doi.org/10.1007/978-3-031-97207-2>
https://link.springer.com/chapter/10.1007/978-3-031-97207-2_7

Evaluating social assistive robots in clinical nursing care: A pilot study on healthcare workers' perceptions and adoption

Leoste, Janika; Lubi, Kadi; Marmor, Kristel; Kangur, Katrin JMIR Nursing 2025 <https://doi.org/10.2196/70305>

Evaluating the Impact of an International Cybersecurity Camp on Participants' Skills, Knowledge, and Collaboration

Yamin, Muhammad Mudassar; **Lorenz, Birgy** 2025 International Conference on Cybersecurity and AI-Based Systems (Cyber-AI) : Special Issue 2025 / p. 1-10

A holistic approach to curriculum design and development in informatics education at the university level

Lorenz, Birgy; Kikkas, Kaido; Toom, Hanna; Lepikult, Toomas EDULEARN24: Proceedings 2024 / p. 468-477 <https://doi.org/10.21125/edulearn.2024.0192>

How do You ride an elevator? Passenger in-cabin behavior analysis on a smart-elevator platform

Robal, Tarmo; Reinsalu, Uljana Smart Life and Smart Life Engineering : Current State and Future Vision 2025 / p. 209 - 236 https://doi.org/10.1007/978-3-031-75887-4_10

Improving cybersecurity education in schools : An assessment of the "Digitally Safer School" proposal

Lorenz, Birgy Learning and Collaboration Technologies : 12th International Conference, LCT 2025, Held as Part of the 27th HCI International Conference, HCII 2025 : Proceedings, Part I 2025 / p. 315-327 https://doi.org/10.1007/978-3-031-93564-0_19

Innovating IT ethics education : The role of AI in course development

Lorenz, Birgy; Kikkas, Kaido Learning and Collaboration Technologies : 12th International Conference, LCT 2025, Held as Part of the 27th HCI International Conference, HCII 2025 : Proceedings, Part I 2025 / p. 328-338 https://doi.org/10.1007/978-3-031-93564-0_20

Innovation or reinvention? A systematic and bibliometric review of public sector digital infrastructure

Lusi, Josephine; **Lorenz, Birgy**; Pappel, Ingrid Journal of Open Innovation Technology Market and Complexity 2025 / art. 100593 <https://doi.org/10.1016/j.joitmc.2025.100593>

KüberNööpnöel 2025 tulemused

Lorenz, Birgy; Toom, Hanna; Lust, Maia; Talisainen, Aleksei 2025 [KüberNööpnõel 2025 tulemused \(Google Docs\)](#)

KüberNööpnõel tulemused 2024

Lorenz, Birgy; Toom, Hanna; Talisainen, Aleksei; Kirna, Catlyn 2024 [KüberNööpnõel tulemused 2024 \(Google Docs\)](#)

KüberPuuring 2024 analüüs : võistlus 7.-12. klassile ja kutsekoolile

Lorenz, Birgy; Toom, Hanna; Lust, Maia; Kikas, Oliver; Muulmann, Triin; Kirna, Catlyn 2025 [KüberPuuring 2024 analüüs \(Google Docs\)](#)

KüberPähkel 2024 tulemused

Lorenz, Birgy; Toom, Hanna; Kirna, Catlyn; Lust, Maia; Kits, Rasmus 2025 [KüberPähkel 2024 tulemused \(Google Docs\)](#)

Ontology requirements specification for an EU DPP core ontology proposal

Maigre, Riina; Haav, Hele-Mai; Robal, Tarmo; Wolf, Marc-Andree; Danash, Fatima 2025 <https://doi.org/10.5281/zenodo.14892666>

Preface : Doctoral Consortium

Robal, Tarmo; Kalibatiene, Diana; Grundspenkis, Janis BIR-WS 2025 : BIR 2025 Workshops and Doctoral Consortium : Joint Proceedings of the BIR 2025 Workshops and Doctoral Consortium co-located with 24th International Conference on Perspectives in Business Informatics Research, Riga, Latvia, September 17-19, 2025 2025 / p. 11 <https://ceur-ws.org/Vol-4034/preface.pdf>

SC-Block++: A blocking algorithm based on adaptive flood regularization

Ning, Arthur; Frasincar, Flavius; Robal, Tarmo SAC '25 : Proceedings of the 40th ACM/SIGAPP Symposium on Applied Computing 2025 / p. 1258-1266 <https://dl.acm.org/doi/10.1145/3672608.3707946> <https://doi.org/10.1145/3672608.3707946>

Special track on Intelligent Systems for Digital Era (ISDE)

SAC '25: Proceedings of the 40th ACM/SIGAPP Symposium on Applied Computing 2025 / p. 864-915 <https://dl.acm.org/doi/proceedings/10.1145/3672608>

Šotimaa reisimuljed: teadus ja praktika dementsusesõbraliku hoolekande teenistuses

Pärnits, Sten; Merirand, Merike; Lahe, Palmi Sotsiaaltöö 2025 <https://www.tai.ee/et/sotsiaalto/sotimaa-reisimuljed-teadus-ja-praktika-dementsusesõbraliku-hoolekande-teenistuses>

Tehisaru hiilgus ja viletsus – ühe õppejõu vaade

Kikkas, Kaido Mente et Manu 2025 / lk. 4-7 https://haldus.taltech.ee/sites/default/files/2025-06/MM_2025-2%20uus.pdf
<https://trialoog.taltech.ee/kaido-kikkas-tehisaru-hiilgus-ja-viletsus-uhe-oppejou-vaade/>

Through the pandemic and into the AI era: Transformations of an asynchronous e-course

Kikkas, Kaido; Lorenz, Birgy Futureproofing Engineering Education for Global Responsibility : Proceedings of the 27th International Conference on Interactive Collaborative Learning (ICL 2024) ; vol. 3 2025 / p. 457-468 https://doi.org/10.1007/978-3-031-83523-0_42