

AI readiness assessment for Data-driven Public Service Projects : change management and human elements of procurement

Dreyling III, Richard Michael; Erlenheim, Regina; **Tammet, Tanel**; **Pappel, Ingrid** Human factors, business management and society : proceedings of the 14th AHFE International Conference on Applied Human Factors and Ergonomics : San Francisco Marriott Marquis, California, USA, July 20-24, 2023. Vol. 97 2023 / p. 178–187 : ill <https://doi.org/10.54941/ahfe1003894>

Artificial intelligence and the GDPR : Inevitable nemeses?

Kesa, Aleksandr; **Kerikmäe, Tanel** TalTech journal of European studies 2020 / p. 68-90 <https://doi.org/10.1515/bjes-2020-0022>
https://content.sciendo.com/view/journals/bjes/bjes-overview.xml?tab_body=latestIssueToc-79907 https://www.ester.ee/record=b5290032*est
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Artificial intelligence in businesses : importance and context

Kalvet, Tarmo AI IN BUSINESS : proceedings of the scientific workshop on business implications of artificial intelligence, June 7, 2022 2022 / p. 9-12 : ill https://www.ester.ee/record=b5506022*est <https://digikogu.taltech.ee/et/Item/2096bada-661d-4928-99a7-bfbce51825d8>

Artificial intelligence in the defence sector

Carlo, Antonio Modelling and Simulation for Autonomous Systems : 7th International Conference, MESAS 2020, Prague, Czech Republic, October 21, 2020, Revised Selected Papers 2021 / p. 269-278 https://doi.org/10.1007/978-3-030-70740-8_17 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

Beyond the attention economy, towards an ecology of attending. A manifesto

Bombaerts, Gunter; Hannes, Tom; Adam, Martin; Aloisi, Alessandra; Anderson, Joel; Arvidson, P. Sven; Berger, Lawrence; Bettera, Stefano Davide; **Drechsler, Wolfgang**; **Shakya, Shobhit** AI & Society 2025 <https://doi.org/10.1007/s00146-025-02405-8>

Challenges of transition to paperless management: readiness of incorporating AI in decision-making processes

Gelashvili, Teona; **Pappel, Ingrid** 2021 Eighth International Conference on eDemocracy and eGovernment (ICEDEG) : Quito, Ecuador, 28-30 July 2021 2021 / p. 41-46 <https://doi.org/10.1109/ICEDEG52154.2021.9530905>

Current AI applications by Estonian tax authorities and use case scenarios

Künnapas, Kaido; Maslionkina, Palina; Hinn, Risto; Liberts, Raivis TalTech Journal of European Studies 2025 / p. 179-208
https://www.ester.ee/record=b5290032*est <https://doi.org/10.2478/bjes-2025-0010>

Design of dimension chains and fits by using AI methods

Tiidemann, Tiit; **Raba, Karl**; **Üksti, Lembit** OST-97 Symposium on Machine Design, Tallinn, Estonia, May 22-23, 1997 : proceedings 1997 / p. 58-63 : ill https://www.ester.ee/record=b1083704*est

Designing a proof of concept for a virtual competence assistant

Liutkevičius, Markko; **Kõosaar, Madis**; **Ben Yahia, Sadok** Human Factors, Business Management and Society : proceedings of the 15th International Conference on Applied Human Factors and Ergonomics and the Affiliated Conferences, Nice, France, 24-27 July 2024. Vol. 135 2024 / p. 139–147 : ill <https://doi.org/10.54941/ahfe1004939>

Digital transformation in European public services : Complexities, challenges, and good practices

2025 <https://link.springer.com/book/9783031814242>

Ética y tecnologías emergentes: reconocimiento facial

Chochia, Archil; **Nässi, Teele** Revista de Internet, Derecho y Política 2021 / 12 p <https://doi.org/10.7238/idp.v0i34.387466> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The European approach to building AI policy and governance : a haven for bureaucrats or innovators?

Shumilo, Olga; **Kerikmäe, Tanel** IDP Revista de Internet Derecho y Política 2021 / 14 p <https://doi.org/10.7238/idp.v0i34.387744>
[Journal metrics at Scopus](#) [Article at Scopus](#)

From an attention economy to an ecology of attending. A manifesto

Bombaerts, Gunter; Hannes, Tom; Adam, Martin; Aloisi, Alessandra; Anderson, Joel; Berger, Lawrence; Bettera, Stefano Davide; Campo, Enrico; Candiotto, Laura; Panizza, Silvia Caprioglio; **Drechsler, Wolfgang**; **Shakya, Shobhit** arXiv.org 2024 / 21 p
<https://doi.org/10.48550/arXiv.2410.17421>

Frontiers in AI judiciary : a contribution to legal futurology

Kerikmäe, Tanel; Hamulak, Ondrej; Gabris, Tomas Acta Baltica historiae et philosophiae scientiarum 2023 / p. 55-75
<https://doi.org/10.11590/abhs.2023.2.03> [Journal metrics at Scopus](#) [Article at Scopus](#)

In pursuit of AI excellence in public employment services : identifying the requirements

Liutkevičius, Markko; **Samaranayaka, Piyum**; **Nõmmik, Sander**; **Ben Yahia, Sadok**; Weck, Marina TalTech journal of European studies 2024 / p. 167-189 <https://doi.org/10.2478/bjes-2024-0021> https://www.ester.ee/record=b5290032*est [Journal metrics at Scopus](#)
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Knowledge management in the age of generative artificial intelligence - from SECI to GRAI

Boehm, Karsten; **Durst, Susanne** Vine journal of information and knowledge management systems 2025 / 16 p
<https://doi.org/10.1108/VJKMS-10-2024-0357>

Machine vision for automated collaborative robot programming in manufacturing industrial factories

Ahmadilivani, Mohammad Hasan; Karatopuk, Emre; Roots, Marten; Raik, Jaan Smart machines and systems at the service of mankind : Abstracts of the 12th annual entrepreneurship and innovation conference 2024 / p. 10 <https://conference.euas.eu/2024/wp-content/uploads/2024/10/ConferenceProceedings2024-1.pdf> https://www.ester.ee/record=b5705417*est

PCGOD: Enhancing object detection with synthetic data for scarce and sensitive computer vision tasks

Remmas, Walid; **Lints, Martin**; Uudmae, Jaak Joonas IEEE Access 2025 / p. 91325-91333
<https://doi.org/10.1109/ACCESS.2025.3572719>

Practical demand side management and demand response in large scale buildings with multiple case studies

Köse, Ahmet; Sukhanov, Ivan; Maivel, Mikk; **Tepljakov, Aleksei; Hokmabad, Hossein Nouroollahi; Petlenkov, Eduard** 2024 20th International Conference on the European Energy Market (EEM) 2024 / 5 p <https://doi.org/10.1109/EEM60825.2024.10608965>
[Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Practical demand side management: one day case study

Köse, Ahmet; Hokmabad, Hossein Nouroollahi; Belikov, Juri; Tepljakov, Aleksei; Petlenkov, Eduard Healthy Buildings 2023 Europe: Beyond Disciplinary Boundaries: proceedings ; 1 2023 / p. 36-42 <https://www.proceedings.com/content/070/070278webtoc.pdf>

Public administration studies : the digital trajectory

Drechsler, Wolfgang Transylvanian review of administrative sciences 2022 / p. 40-51 <https://doi.org/10.24193/tras.SI2022.4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Real-time crack detection on concrete using non-destructive approaches based on Yolo series : Review

Bassir, David; Chang, Haochen; **Majak, Jüri** Advances in Machinery, Materials Science and Engineering Application X : Proceedings of the 10th International Conference (MMSE 2024), Paris, France, 27-28 July 2024 2024 / p. 820-826
<https://doi.org/10.3233/ATDE240712> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Research roadmap for designing a virtual competence assistant for the European labor market

Liutkevičius, Markko; Ben Yahia, Sadok Procedia computer science 2022 / p. 2404-2413 <https://doi.org/10.1016/j.procs.2022.09.299>
[Conference Proceedings at Scopus](#) [Article at Scopus](#)

Stakeholder-oriented investment activities for sustainable supply chain management

Kitzmann, Harald; **Prause, Gunnar Klaus** Reliability and Statistics in Transportation and Communication : selected papers from the 22nd International Multidisciplinary Conference on Reliability and Statistics in Transportation and Communication: Artificial Intelligence in Transportation, RelStat-2022, October 20-21, 2022, Riga, Latvia 2023 / p. 131-140 https://doi.org/10.1007/978-3-031-26655-3_12 <https://link.springer.com/book/10.1007/978-3-031-26655-3>

Systems driven intelligent decision support methods for ship collision and grounding prevention : Present status, possible solutions, and challenges

Zhang, Mingyang; Taimuri, Ghalib; Zhang, Jinfen; Zhang, Di; Yan, Xinping; **Kujala, Pentti Jouko Sakari**; Hirdaris, Spyros Reliability engineering and system safety 2025 / art. 110489 <https://doi.org/10.1016/j.ress.2024.110489>

Understanding the challenges of today's labor market service provision in the EU

Liutkevičius, Markko; Ben Yahia, Sadok; Weck, Marina Human factors, business management and society : proceedings of the 14th AHFE International Conference on Applied Human Factors and Ergonomics : San Francisco Marriott Marquis, California, USA, July 20-24, 2023. Vol. 97 2023 / p. 30-39 <https://doi.org/10.54941/ahfe1003880>