

Automatization of cross-border customs declaration : potential and challenges : a case study of the Estonian customs authority

Liutkevičius, Markko; Pappel, Karl Ivory; Butt, Sidra Azmat; Pappel, Ingrid Electronic Government : 19th IFIP WG 8.5 International Conference, EGOV 2020, Linköping, Sweden, August 31 - September 2, 2020 : proceedings 2020 / p. 96-109 https://doi.org/10.1007/978-3-030-57599-1_8 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

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>

Enhancing public employment services with AI-enabled virtual competence assistant = Avalike tööturuteenuste parendamine tehisintellektil põhineva virtuaalse kompetentsiassistendiga

Liutkevičius, Markko 2024 https://www.ester.ee/record=b5702542*est <https://digikogu.taltech.ee/et/Item/05da711f-6b9e-4942-b6f1-50465521ccbb> <https://doi.org/10.23658/taltech.51/2024>

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

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](#)

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>

The use of artificial intelligence in job seeking and competence development

Liutkevičius, Markko; Ben Yahia, Sadok Human factors, business management and society : proceedings of the 13th AHFE International Conference on Human Factors, Business Management and Society, New York, USA, July 24-28, 2022 2022 / p. 128-136 <https://doi.org/10.54941/ahfe1002260>

Validating the usage of occupational classification systems in the process of creating a national virtual competency assistant within the EU labor market

Liutkevičius, Markko; Erlenheim, Regina Proceedings of the 14th International Conference on Theory and Practice of Electronic Governance (ICEGOV 2021), 6 – 8 October 2021, Athens, Greece 2022 / p. 254-259 <https://doi.org/10.1145/3494193.3494228> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)