

Application of e-governance solutions in industry 4.0 : The case of e-invoicing

Pappel, Ingrid; Kosenkov, Oleksandr Abstracts of Papers Presented at the 18th European Conference on Digital Government ECDG 2018 : Hosted By University of Santiago de Compostela, Spain, 25 - 26 October 2018 2018 / p. 41-42 <https://www.academic-conferences.org/download/21774/>

Application of e-governance solutions in industry 4.0 : The case of e-invoicing

Pappel, Ingrid; Kosenkov, Oleksandr Proceedings of the 18th European Conference on Digital Government (ECDG2018) : University of Santiago de Compostela, Spain, 25-26 October 2018 2018 / p. 321–324 <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059249500&partnerID=40&md5=1f13e4155021d0e173f1b81582022655>

An architecture for e-learning infrastructures on a national level : a case study of the Afghanistan Research and Education Network

Saay, Mohammad Salim; Norta, Alexander International journal of innovation and learning 2018 / p. 54-75

<https://doi.org/10.1504/IJIL.2018.088790> [Journal metrics at Scopus](#) [Article at Scopus](#)

Assessment of aviation security risk management for airline turnaround processes

Matulevičius, Raimundas; Norta, Alexander; Udokwu, Chibuzor; Nõukas, Rein Transactions on large-scale data- and knowledge-centered systems XXXVI : special issue on data and security engineering 2017 / p. 109-141 : ill https://doi.org/10.1007/978-3-662-56266-6_6 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Bringing service design thinking into the public sector to create proactive and user-friendly public services

Sirendi, Regina; Taveter, Kuldar HCI in Business, Government, and Organizations : Information Systems : third International Conference, HCIBGO 2016 held as part of HCI International 2016, Toronto, Canada, July 17-22, 2016 : proceedings. Part II 2016 / p. 221-230 : ill https://doi.org/10.1007/978-3-319-39399-5_21 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Case study : Free public transport as instrument for energy savings and urban sustainable development - the case of the city of Tallinn

Prause, Gunnar Klaus; Tuisk, Tarmo Energy transformation towards sustainability 2020 / p. 163-177 <https://doi.org/10.1016/B978-0-12-817688-7.00008-2>

Conclusion: reflections on digital transformation in the public sector

Urs, N.; Špaček, D.; Nõmmik, S. Digital transformation in European Public Services : Complexities, challenges, and good practices 2025 / p. 227-232 https://doi.org/10.1007/978-3-031-81425-9_11

Conflict-resolution lifecycles for governed decentralized autonomous organization collaboration

Norta, Alexander; Othman, Anis Ben; Taveter, Kuldar EGOSE '15 : proceedings of the 2015 2nd International Conference on Electronic Governance and Open Society : Challenges in Eurasia : November 24-25, 2015, St.Petersburg, Russian Federation 2015 / p. 244-257 : ill <https://doi.org/10.1145/2846012.2846052> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Designing a smart-contract application layer for transacting decentralized autonomous organizations

Norta, Alexander Advances in Computing and Data Sciences : first International Conference, ICACDS 2016, Ghaziabad, India, November 11-12, 2016 : revised selected papers 2017 / p. 595-604 https://doi.org/10.1007/978-981-10-5427-3_61 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Designing proactive public services as sociotechnical systems by using agent-oriented modelling

Sirendi, Regina Proceedings of the 16th European Conference on e-Government : ECEG 2016 : hosted by Faculty of Administration, University of Ljubljana, Slovenia, 16-17 June 2016 2016 / p. 308-316 : ill

Digital development of the European Union : an interdisciplinary perspective

2023 <https://doi.org/10.1007/978-3-031-27312-4> https://www.ester.ee/record=b5557935*est

Digital transformation insights from an AI solution in search of a problem

Dreyling III, Richard Michael; Tammet, Tanel; Pappel, Ingrid Future Data and Security Engineering. Big Data, Security and Privacy, Smart City and Industry 4.0 Applications : 10th International Conference, FDSE 2023, Da Nang, Vietnam, November 22–24, 2023 : proceedings 2023 / p. 341 - 351 https://doi.org/10.1007/978-981-99-8296-7_24 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

E-court transition process : identifying critical factors and recommendations for developing countries

Adeleye, Jesujoba Tolulope; Ahmed, Rozha Kamal; Nyman-Metcalf, Katrin Merike; Draheim, Dirk Electronic Governance and Open Society: Challenges in Eurasia : 8th International Conference, EGOSE 2021, Saint Petersburg, Russia, November 24–25, 2021 : proceedings 2022 / p. 305–317 https://doi.org/10.1007/978-3-031-04238-6_23 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Educating future digital leaders : developing e-governance curriculum in Estonia and Ukraine

Morze, Nataliia; Makhachashvili, Rusudan; Mosiashvili, Gvantsa; Pappel, Ingrid DHW 2021: Digital Humanities Workshop 2021 / p. 185 - 190 <https://doi.org/10.1145/3526242.3526253> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

e-Governance as a future option

Ramiro Troitino, David E-Governance in the European Union : strategies, tools, and implementation 2024 / p. 1-6

https://doi.org/10.1007/978-3-031-56045-3_1 https://www.ester.ee/record=b5703480*est

E-Governance in Nepal: progress, challenges and possibilities

Shakya, Shobhit Public affairs and governance 2018 / 22 p <https://doi.org/10.5958/2321-2136.2018.00001.2>

E-governance in providing public services in Estonia: a case study

Roots, Lehte Zeszyty naukowe politechniki Poznanskiej 2017 / p. 77-93

http://www.zeszyty.fem.put.poznan.pl/numery/ZN_OiZ_PP_74_05.pdf

Establishing distributed governance infrastructures for enacting cross-organization collaborations

Norta, Alexander Service-Oriented Computing - ICSOC 2015 Workshops : WESOA, RMSOC, ISC, DISCO, WESE, BSCI, FOR-MOVES, Goa, India, November 16-19, 2015 : revised selected papers 2016 / p. 24-35 https://doi.org/10.1007/978-3-662-50539-7_3

[Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

European Values, artificial intelligence and e-governance in Estonia and EU

Salumaa-Lepik, Kärt; Nisu, Nele Internet of Things 2024 / art. 101278 <https://doi.org/10.1016/j.iot.2024.101278> [Journal metrics at](#)

[Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Evolving process views

Eshuis, Rik; **Norta, Alexander**; Roulaux, Raoul Information and software technology 2016 / p. 20-35 : ill

<https://doi.org/10.1016/j.infsof.2016.08.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A historical analysis on interoperability in Estonian data exchange architecture : perspectives from the past and for the future

Jackson, Eric Blake; **Dreyling III, Richard Michael**; **Pappel, Ingrid** ICEGOV '21: Proceedings of the 14th International Conference on Theory and Practice of Electronic Governance 2021 / p. 111-116 <https://doi.org/10.1145/3494193.3494209> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Identifying obstacles of PQC migration in e-Estonia

Vakarjuk, Jelizaveta; **Snetkov, Nikita**; Laud, Peeter 2024 16th International Conference on Cyber Conflict: Over the Horizon

(CyCon) 2024 / p. 63-81 <https://doi.org/10.23919/CyCon62501.2024.10685570> [Conference proceedings at Scopus](#) [Article at](#)

[Scopus](#) [Scopus](#) [Article at WOS](#)

An idol or an ideal? A case study of Estonian e-Governance : public perceptions, myths and misbeliefs

Kerikmäe, Tanel; **Ramiro Troitino, David**; **Shumilo, Olga** Acta Baltica historiae et philosophiae scientiarum 2019 / p. 71-80

<https://doi.org/10.11590/abhps.2019.1.05> https://artiklid.elnet.ee/record=b2874768*est [Journal metrics at Scopus](#) [Article at Scopus](#)

Implementation of e-invoicing principles in Estonian local governments

Pappel, Ingrid; **Pappel, Ingmar**; Tampere, Terje; **Draheim, Dirk** Proceedings of the 17th European Conference on Digital

Government (ECDG) : Military Academy, Lisbon, Portugal, 12-13 June 2017 2017 / p. 127-135 : ill

<http://www.scopus.com/inward/record.uri?eid=2-s2.0-85028462055&partnerID=40&md5=90db5a1632aa8070dc9d7ae92357ae5f>

Implementation of service-based e-government and establishment of state IT components interoperability at local authorities

Pappel, Ingrid; **Pappel, Ingmar** 2011 3rd International Conference on Advanced Computer Control (ICACC 2011) : Harbin, China,

18-20.01.2011 2011 / p. 371-378 <https://ieeexplore.ieee.org/document/6016434>

Key factors in coping with large-scale security vulnerabilities in the eID field

Lips, Silvia; **Pappel, Ingrid**; **Tsap, Valentyna**; **Draheim, Dirk** Electronic Government and the Information Systems Perspective : 7th International Conference, EGOVIS 2018, Regensburg, Germany, September 3-5, 2018 : proceedings 2018 / p. 60-70

https://doi.org/10.1007/978-3-319-98349-3_5 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Legal impediments in the EU to new technologies in the example of e-residency

Kerikmäe, Tanel; **Särav, Sandra** Baltic journal of law and politics 2015 / p. 71-90 <https://doi.org/10.1515/bjlp-2015-0019> [Journal](#)

[metrics at Scopus](#) [Article at Scopus](#)

Maturity Model for Automatization of Service Provision and Decision-Making Processes in Municipalities

Pappel, Ingmar; **Gelashvili, Teona**; **Pappel, Ingrid** Proceedings of Sixth International Congress on Information and Communication

Technology 2022 / p. 399-409 : ill https://doi.org/10.1007/978-981-16-1781-2_37 [Conference proceedings at Scopus](#) [Article at Scopus](#)

On existing trends towards creation of a holistic sociotechnical approach to e-Governance

Kosenkov, Oleksandr; **Pappel, Ingrid**; **Draheim, Dirk** Proceedings of the 12th International Conference on Theory and Practice of Electronic Governance (ICEGOV'19), Melbourne, Australia, April 3-5, 2019 2019 / p. 492-493 : ill

<https://doi.org/10.1145/3326365.3326437> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

On positive feedback loops in digital government architecture

McBride, Keegan David Braun; Kütt, Andres; Ben Yahia, Sadok; Draheim, Dirk MEDES '19 : A Digital Ecosystem for Personal Manufacturing : An Architecture for Cloud-based Distributed Manufacturing Operating Systems : proceedings 2019 / p. 174–180 : ill <https://doi.org/10.1145/3297662.3365817>

On state-level architecture of digital government ecosystems : from ICT-driven to data-centric

Draheim, Dirk; Krimmer, Robert Johannes; Tammet, Tanel Transactions on Large-Scale Data- and Knowledge-Centered Systems XLVIII 2021 / p. 165–195 https://doi.org/10.1007/978-3-662-63519-3_8 [Journal metrics at Scopus](#) [Article at Scopus](#)

On the systematic exploitation of the Estonian data exchange layer X-road for strengthening public-private partnerships

Paide, Karoline; Pappel, Ingrid; Vainsalu, Heiko; Draheim, Dirk ICEGOV2018 : proceedings of the 11th International Conference on Theory and Practice of Electronic Governance : 4 - 6 April 2018, Galway, Ireland 2018 / p. 34-41 <https://doi.org/10.1145/3209415.3209441> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Online incorporation platforms in Estonia and beyond : how administrative spillover effects hamper international taxation

Ylönen, Matti; Drechsler, Wolfgang; Lember, Veiko Transnational corporations 2023 / p. 79-101 <https://doi.org/10.18356/2076099x-30-1-3>

Pathfinder : e-Estonia as the β -version

Drechsler, Wolfgang eJournal of eDemocracy and open government = JeDEM 2018 / 22 p. : ill <https://doi.org/10.29379/jedem.v10i2.513>

Prerequisites for the adoption of the X - Road Interoperability and data exchange framework : a comparative study

Saputro, Rois; Pappel, Ingrid; Vainsalu, Heiko; Lips, Silvia; Draheim, Dirk 2020 Seventh International Conference on eDemocracy & eGovernment (ICEDEG), Buenos Aires, Argentina, April 22–24, 2020 : proceedings 2020 / p. 216-222 <https://doi.org/10.1109/ICEDEG48599.2020.9096704>

The present and future of large-scale systems modeling and engineering

Draheim, Dirk Future Data and Security Engineering : Third International Conference, FDSE 2016, Can Tho City, Vietnam, November 23-25, 2016 : proceedings 2016 / p. 355-370 : ill https://doi.org/10.1007/978-3-319-48057-2_25 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

The Private Sector's Role in e-Government from a Legal Perspective

Löhmus, Kaisa; Nyman-Metcalf, Katrin Merike; Ahmed, Rozha Kamal; Pappel, Ingrid; Draheim, Dirk Fourth International Congress on Information and Communication Technology : ICICT 2019, London, Volume 2 2020 / p. 283–298 https://doi.org/10.1007/978-981-32-9343-4_22 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

The role of service design in increasing regional innovation in the silver economy

Erlenheim, Regina; Pappel, Ingrid Electronic Governance and Open Society: Challenges in Eurasia : 8th International Conference, EGOSE 2021, Saint Petersburg, Russia, November 24-25, 2021 : proceedings 2022 / p. 11–20 https://doi.org/10.1007/978-3-031-04238-6_2 [Conference proceedings at Scopus](#) [Article at Scopus](#)

Security risk management in the aviation turnaround sector

Matulevičius, Raimundas; Norta, Alexander; Udokwu, Chibuzor; Nõukas, Rein Future Data and Security Engineering : Third International Conference, FDSE 2016, Can Tho City, Vietnam, November 23-25, 2016 : proceedings 2016 / p. 119-140 : ill https://doi.org/10.1007/978-3-319-48057-2_8 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Self-aware agent-supported contract management on blockchains for legal accountability [Online resource]

Norta, Alexander; Vedešin, Anton; Rand, Hando; Tobies, Simon; Rull, Addi; Poola, Margus; Rull, Teddi 2017 https://docs.agrello.org/Agrello-Self-Aware_Whitepaper-English.pdf

Smart-contract value-transfer protocols on a distributed mobile application platform [Online resource]

Dai, Patrick; Mahi, Neil; Earls, Jordan; Norta, Alexander 2017 <https://qtum.org/user/pages/03.tech/01.white-papers/Qtum%20Whitepaper.pdf>

Social, legal, and technical considerations for machine learning and artificial intelligence systems in government

Dreyling III, Richard Michael; Jackson, Eric Blake; Tammet, Tanel; Labanava, Alena; Pappel, Ingrid Proceedings of the 23rd International Conference on Enterprise Information Systems ; vol. 1 2021 / p. 701-708 <https://doi.org/10.5220/0010452907010708>

Sound conflict management and resolution for virtual-enterprise collaborations

Narendra, Nanjangud C.; Norta, Alexander; Mahunnah, Msury; Ma, Lixin; Maggi, Fabrizio Maria Service-oriented computing and applications 2016 / p. 233-251 : ill <https://doi.org/10.1007/s11761-015-0183-0> [Journal metrics at Scopus](#) [Article at Scopus](#)

Technology push in AI-enabled services : how to master technology integration in case of Bürokratt

Dreyling III, Richard Michael; Tammet, Tanel; Pappel, Ingrid SN computer science 2024 / art. 738 <https://doi.org/10.1007/s42979-024-03064-0> [Journal metrics at Scopus](#) [Article at Scopus](#)

The Machine-to-Everything (M2X) economy: business enactments, collaborations and e-governance

Leiding, Benjamin; Sharma, Priyanka; **Norta, Alexander** Future Internet 2021 / 15 p. : ill <https://doi.org/10.3390/fi13120319> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Three decades, four phases : public administration development in Central and Eastern Europe, 1989-2017

Randma-Liiv, Tiina; Drechsler, Wolfgang International journal of public sector management 2017 / p. 595-605
<https://doi.org/10.1108/IJPSM-06-2017-0175> [Journal metrics at Scopus](#) [Article at Scopus](#)