

Access to artificial intelligence for persons with disabilities : legal and ethical questions concerning the application of trustworthy AI

Joamets, Kristi; Chochia, Archil Acta Baltica historiae et philosophiae scientiarum 2021 / p. 51-66

<https://doi.org/10.11590/abhs.2021.1.04> [Journal metrics at Scopus](#) [Article at Scopus](#)

AI applications to enhance resilience in power systems and microgrids - a review

Zahraoui, Younes; Korötko, Tarmo; Rosin, Argo; Mekhilef, Saad; Seyedmahmoudian, Mehdi; Stojcevski, Alex; Alhamrouni, Ibrahim Sustainability 2024 / art. 4959 <https://doi.org/10.3390/su16124959> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#)

[Article at WOS](#)

AI technologies and their applications in small-scale electric power systems

Shahid, Arqum; Plaum, Freddy; Korötko, Tarmo; Rosin, Argo IEEE Access 2024 / p. 109984-110001

<https://doi.org/10.1109/ACCESS.2024.3440067> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

AI transformation is platform driven

Koppel, Tarmo; Tšernikova, Olga; Vilcane, Inese AI IN BUSINESS : proceedings of the scientific workshop on business implications of artificial intelligence, June 7, 2022 2022 / p. 6-8 : ill https://www.ester.ee/record=b5506022*est

Analysis of the impact of predictive models on the quality of the model predictive control for an experimental building

Proceedings of Building Simulation 2021: 17th Conference of IBPSA 2022 / p. 302-309 <https://doi.org/10.26868/25222708.2021.30566>

Anti-money laundering powered by graph machine learning: 'Show me your friends and I will tell you who you are'

Astrova, Irina Intelligent decision technologies 2023 / p. 243-261 <https://doi.org/10.3233/IDT-220193> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Artificial intelligence and its impact on labour relations in Estonia

Joamets, Kristi; Chochia, Archil Slovak journal of political sciences 2020 / p. 255-277 <https://doi.org/10.34135/sjps.200204> [Journal metrics at Scopus](#) [Article at Scopus](#)

Artificial intelligence for the public sector : results of landscaping the use of AI in government across the European Union

Noordt, Colin Pascal van; Misuraca, Gianluca Government Information Quarterly 2022 / art. 101714

<https://doi.org/10.1016/j.giq.2022.101714> [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>

An artificial intelligence maturity model for the public sector : a design science approach

Dreyling III, Richard Michael; Lemmik, Juhani; Tammet, Tanel; Pappel, Ingrid TalTech journal of European studies 2024 / p. 217-239 <https://doi.org/10.2478/bjes-2024-0023> https://www.ester.ee/record=b5290032*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Artificial intelligence within the military domain and cyber warfare

Hallaq, Bil; Sömer, Tiia; Osula, Anna-Maria; Ngo, Kim; Mitchener-Nissen, Timothy Proceedings of the 16th European Conference on Cyber Warfare and Security, ECCWS 2017 : hosted by University College Dublin, Ireland, 29-30 June 2017 2017 / p. 153-156 <https://www.scopus.com/record/display.uri?eid=2-s2.0-85028013021&origin=resultslist&zone=contextBox>

Artificial intelligence yesterday, today and tomorrow

Jaakkola, Hannu; Henno, Jaak; Mäkelä, Jukka; Thalheim, Bernhard 2019 42nd International Convention on Information and Communication Technology, Electronics and Microelectronics (MIPRO) : May 20 – 24, 2019, Opatija, Croatia : proceedings 2019 / p. 860 - 867 : ill <https://doi.org/10.23919/MIPRO.2019.8756913>

Artificial intelligence, value alignment and rationality

Bekenova, Zhumagul; Mürsepp, Peeter; Nuryшева, Gulzhikhan; Turarbekova, Laura TalTech journal of European studies 2022 / p. 79-98 <https://doi.org/10.2478/bjes-2022-0004> https://www.ester.ee/record=b5290032*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Assessment of the use of artificial intelligence to support public services : methodology and roadmap

Veenstra, Anne Fleur van; Bodea, Gabriela; Timan, Tjerk; Misuraca, Gianluca; Noordt, Colin Pascal van EGOV-CeDEM-ePart-* 2020 : Ongoing Research, Practitioners, Posters, Workshops, and Projects at EGOV-CeDEM-ePart 2020 2020 / p. 359 - 361 <https://ceur-ws.org/Vol-2797/paper37.pdf> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Basic values in artificial intelligence : comparative factor analysis in Estonia, Germany, and Sweden

Masso, Anu; Kaun, Anne; Noordt, Colin Pascal van AI & Society : Knowledge, Culture and Communication 2024 / p. 2775-2790 <https://doi.org/10.1007/s00146-023-01750-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

BLAIC 2022: 1st workshop on blockchain and AI for community : chairs' welcome and workshop summary

Cheah, WaiShiang; Norta, Alex; **Ben Yahia, Sadok**; Hakiri, Akram; Sim, Yee Wai WebSci '22: Proceedings of the 14th ACM Web Science Conference 2022 2022 / p. 433 - 434 <https://doi.org/10.1145/3501247.3539019> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Challenges of generative AI chatbots in public services - an integrative review

Dreyling III, Richard Michael; Koppel, Tarmo; Tammet, Tanel; Pappel, Ingrid SSRN 2024 / 11 p
<http://dx.doi.org/10.2139/ssrn.4850714>

Common use cases of AI-based self-learning manufacturing

Patel, Pankesh; **Koppel, Tarmo** AI IN BUSINESS : proceedings of the scientific workshop on business implications of artificial intelligence, June 7, 2022 2022 / p. 13-16 : ill https://www.ester.ee/record=b5506022*est

Current challenges in operation, performance, and maintenance of photovoltaic panels

Orosz, Tamas; **Rassõlkin, Anton**; Arsenio, Pedro; Poor, Peter; **Valme, Daniil**; Sleisz, Adam Energies 2024 / art. 1306
<https://doi.org/10.3390/en17061306> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Custom simplified machine learning algorithms for fault diagnosis in electrical machines

Raja, Hadi Ashraf; Asad, Bilal; Vaimann, Toomas; Kallaste, Ants; Rassõlkin, Anton; Belahcen, Anouar Diagnostika '22 : 2022 International Conference on Diagnostics in Electrical Engineering : Conference proceedings 2022 / 4 p.
<https://doi.org/10.1109/Diagnostika55131.2022.9905174>

Customary international humanitarian law and Article 36 of Additional Protocol I to the Geneva Conventions : a stopgap regulator of Autonomous Weapons Systems?

Tsybulenko, Evhen; Kajander, Aleks Oskar Johannes TalTech journal of European studies 2022 / p. 87-112
<https://doi.org/10.2478/bjes-2022-0013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Data quality problem in AI-based network intrusion detection systems studies and a solution proposal

Halisdemir, Emre; Karacan, Hacer; **Pihelgas, Mauno; Lepik, Toomas**; Cho, Sungbaek 14th International Conference on Cyber Conflict : Keep Moving 2022 / p. 367-383 https://ccdcoe.org/uploads/2022/06/CyCon_2022_book.pdf

Deep magnitude management of clinical code embeddings to predict unplanned hospital readmissions

Bignoumba, Nzamba; Bertl, Markus; Mellouli, Nedra; **Ben Yahia, Sadok** Research Square 2024 / 32 p. : ill
<https://doi.org/10.21203/rs.3.rs-4705729/v1>

Demystifying consumer digital cocreated value : social presence theory-informed framework and propositions

Hollebeek, Linda Desiree; Clark, Moira K.; Macky, Keith Recherche et applications en marketing 2021 / p. 24-42
<https://doi.org/10.1177%2F2051570720961986> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Designing of a retail chatbot and analysing its impact on customer experience

Lepp, Brenda AI IN BUSINESS : proceedings of the scientific workshop on business implications of artificial intelligence, June 7, 2022 2022 / p. 51-54 : ill https://www.ester.ee/record=b5506022*est <https://digikogu.taltech.ee/et/Item/2096bada-661d-4928-99a7-bfbce51825d8>

Detecting Simpson's paradox : a step towards fairness in machine learning

Sharma, Rahul; Kaushik, Minakshi; Arakkal Peious, Sijo; Bertl, Markus; Ankit, Vidyarthi; Ashwani, Kumar; **Draheim, Dirk** New Trends in Database and Information Systems : ADBIS 2022 Short Papers, Doctoral Consortium and Workshops : DOING, K-GALS, MADEISD, MegaData, SWODCH, Turin, Italy, September 5-8, 2022 : proceedings 2022 / p. 67-76 : ill https://doi.org/10.1007/978-3-031-15743-1_7 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Development of artificial intelligence towards singularity

Pedai, Andrus; Astrov, Igor World Academy of Science, Engineering and Technology. Knowledge and innovation engineering 2014 / p. 81

Development of process optimization model for autonomous mobile robot used in production logistics

Majak, Jüri; Karjust, Kristo; Mahmood, Kashif; Hermaste, Aigar; Raamets, Tõnis AIP conference proceedings 2024 / art. 020008 <https://doi.org/10.1063/5.0189299> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Diagrammatic Representation and Inference : 10th International Conference, Diagrams 2018, Edinburgh, UK, June 18-22, 2018 : proceedings

2018 <https://doi.org/10.1007/978-3-319-91376-6>

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](#)

DocOnTap : AI-based disease diagnostic system and recommendation system

Abideen, Zain Ul; Khan, Talha Ali; Ali, Raja Hashim; Ali, Nisar; Baig, Muhammad Muneeb; Ali, Muhammad Sajid 17th International Conference on Emerging Technologies (ICET), Swabi, Pakistan, 29-30 November 2022 2022 / p. 148-153 <https://doi.org/10.1109/ICET56601.2022.10004621>

The dynamics of AI capability and its influence on public value creation of AI within public administration

Noordt, Colin Pascal van; Tangi, Luca Government information quarterly 2023 / art. 101860, 14 p <https://doi.org/10.1016/j.giq.2023.101860> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Editorial: Trustworthy AI for healthcare

Agafonov, Oleg; Babic, Aleksandar; **Da Costa Sousa, Sonia Claudia;** Alagaratnam, Sharmini Frontiers in Digital Health 2024 / art. 1427233 <https://doi.org/10.3389/fdgth.2024.1427233> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Electronic Voting : 5th International Joint Conference, E-Vote-ID 2020, Bregenz, Austria, October 6–9, 2020 : proceedings 2020 <https://doi.org/10.1007/978-3-030-60347-2>

Emotions analysis in public spaces for urban planning

Kaklauskas, Arturas; Bardauskiene, D.; Cerkauskienė, R.; **Ubarste, Ieva;** Raslanas, S.; Radville, E.; Kaklauskaitė, Ulijona; Kaklauskienė, Loreta Land Use Policy 2021 / Art. nr. 105458 <https://doi.org/10.1016/j.landusepol.2021.105458> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Energy-efficient operation of linear Delta robots with an artificial intelligence model

Vodovozov, Valery; Raud, Zoja; Petlenkov, Eduard; Semjonova, Natalia 2024 19th Biennial Baltic Electronics Conference (BEC) 2024 / 5 p <https://doi.org/10.1109/BEC61458.2024.10737977> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Entrepreneurship education at the dawn of generative artificial intelligence

Winkler, Christoph; **Hammoda, Basel Osama Sayed Ahmed;** Noyes, Erik; Van Gelderen, Marco Entrepreneurship education and pedagogy 2023 / p. 579-589 <https://doi.org/10.1177/25151274231198799> [Journal metrics at Scopus](#) [Article at Scopus](#)

Ethical lawyer or moral computer - historical and contemporary discourse on incredulity between the human and a machine

Kerikmäe, Tanel; Müürsepp, Peeter; Särav, Sandra; Chochia, Archil Вісник Національної академії правових наук України 2017 / p. 27-42

Ética y tecnologías emergentes: reconocimiento facial

Chochia, Archil; Nässi, Teele Revista de Internet, Derecho y Política 2021 / 12 p <https://doi.org/10.7238/ido.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/ido.v0i34.387744> [Journal metrics at Scopus](#) [Article at Scopus](#)

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](#)

Evaluating the impact of artificial intelligence technologies in public services : towards an assessment framework

Noordt, Colin Pascal van; Misuraca, Gianluca ICEGOV '20 : proceedings of the 13th International Conference on Theory and Practice of Electronic Governance : Athens, Greece, September 23-25, 2020 2020 / p. 8-16 <https://doi.org/10.1145/3428502.3428504> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Exploratory insights on artificial intelligence for government in Europe

Noordt, Colin Pascal van; Misuraca, Gianluca Social science computer review 2022 / p. 426-444 <https://doi.org/10.1177/0894439320980449> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fault detection and predictive maintenance of electrical machines : perspective chapter

Raja, Hadi Ashraf; Kudelina, Karolina; Asad, Bilal; Vaimann, Toomas New Trends in Electric Machines - Technology and Applications 2022 <https://doi.org/10.5772/intechopen.107167>

Finding indicator diseases of psychiatric disorders in BigData using Clustered Association rule mining

Bertl, Markus; Shahin, Mahtab; Ross, Peeter; Draheim, Dirk SAC '23: proceedings of the 38th ACM/SIGAPP Symposium on Applied Computing : Tallinn Estonia, March 27-31, 2023 2023 / art. 4, p. 826-833 : tab <https://doi.org/10.1145/3555776.3577594>

Fully autonomous ship - will AI make "machine errors" or will they human errors in a new form?

Alop, Anatoli 2023 12th Mediterranean Conference on Embedded Computing (MECO) 2023 / p. 616-618
<https://doi.org/10.1109/MECO58584.2023.10154946>

The Future of Cybersecurity at Sea : Human vs Human or AI vs AI?

Alop, Anatoli Maritime Cybersecurity 2025 / p. 1-13 https://doi.org/10.1007/978-3-031-87290-7_1

Future opportunities for systematic AI support in healthcare

Bertl, Markus; Piho, Gunnar; Draheim, Dirk; Ross, Peeter; Pechmann, Ludwig; Bucciarelli, Nicholas; **Sharma, Rahul** Bridging the Gap Between AI and Reality : First International Conference, AISoLA 2023, Crete, Greece, October 23–28, 2023, Selected Papers 2024 / p. 203 - 224 https://doi.org/10.1007/978-3-031-73741-1_13 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Guest editorial: Smart cities 2.0 : how artificial intelligence and internet of things are transforming urban living

Chai, Zheng-Yi; Shah, Syed Attique; **Draheim, Dirk;** Hameed, Sufian; Rathore, Muhammad Mazhar Ullah IET Smart Cities 2024 / p. 129-131 <https://doi.org/10.1049/smc2.12091> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

High voltage circuit breaker charging motor's condition monitoring - importance, possibilities, and challenges

Asad, Bilal; Sardar, Muhammad Usman; Vaimann, Toomas; Kallaste, Ants; Asefi, Sajjad; Kilter, Jako 2024 International Conference on Diagnostics in Electrical Engineering (Diagnostics) 2024 / 7 p <https://doi.org/10.1109/Diagnostika61830.2024.10693906>

The impact and future of artificial intelligence in medical genetics and molecular medicine : an ongoing revolution

Ozcelik, Firat; Dundar, Mehmet Sait; Yildirim, A. Baki; Henehan, Gary; Vicente, Oscar; Sanchez-Alcazar, Jose; Gokce, Nuriye; Yildirim, Duygu T.; Bingol, Nurdenez Nalbant; **Nei, Lembit** Functional & integrative genomics 2024 / art. 138
<https://doi.org/10.1007/s10142-024-01417-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The impact of control environments on global parameters of electrical machines in case of broken rotor bars

Kudelina, Karolina; Raja, Hadi Ashraf; Autsou, Siarhei; Asad, Bilal; Vaimann, Toomas; Rassõlkin, Anton; Kallaste, Ants Diagnostika '22 : 2022 International Conference on Diagnostics in Electrical Engineering : Conference proceedings 2022 / 4 p.
<https://doi.org/10.1109/Diagnostika55131.2022.9905149>

The impact of load on global parameters of electrical machines in case of healthy and broken rotor bars

Kudelina, Karolina; Raja, Hadi Ashraf; Autsou, Siarhei; Asad, Bilal; Vaimann, Toomas; Rassõlkin, Anton; Kallaste, Ants; Shabbir, Noman 2022 18th Biennial Baltic Electronics Conference (BEC) 2022 / 5 l. <https://doi.org/10.1109/BEC56180.2022.9935614>

The implication of Artificial Intelligence based systems and human interactions in the workplace

Tsiskaridze, Rusudan; Reinhold, Karin; Järvis, Marina AI IN BUSINESS : proceedings of the scientific workshop on business implications of artificial intelligence, June 7, 2022 2022 / p. 23-25 : ill https://www.ester.ee/record=b5506022*est
<https://digikogu.taltech.ee/et/Item/2096bada-661d-4928-99a7-bfbce51825d8>

Information literacy and peer-to-peer infrastructures : an autopoietic perspective

Gonzalez-Rodriguez, Diego; **Kostakis, Vasileios** Telematics and informatics 2015 / p. 586-593 : ill
<https://doi.org/10.1016/j.tele.2015.01.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Iterative optimization of hyperparameter-based metamorphic transformations

Sudheerbabu, Gaadha; Ahmad, Tanwir; Truscan, Dragos; **Vain, Jüri;** Porres, Ivan 2024 IEEE International Conference on Software Testing, Verification and Validation Workshops (ICSTW) 2024 / p. 13-20 <https://doi.org/10.1109/ICSTW60967.2024.00016> [Article at Scopus](#) [Article at WOS](#)

Knowledge based decision making in mechanical workshops

Kruuser, Kaarel; Riives, Jüri; Kiolein, Indrek Proceedings of the 32nd International DAAAM Virtual Symposium "Intelligent Manufacturing & Automation" 2021 / p. 0514-0521 <https://doi.org/10.2507/32nd.daaam.proceedings.074>

Leadership in the era of sustainable development : challenges and opportunities for modern managers

Järvis, Marina Law, business and sustainability herald 2023 / p. 4-20 <https://lbersherald.org/index.php/journal/article/view/50>

Legal Person- or Agenthood of Artificial Intelligence Technologies

Kerikmäe, Tanel; Mürsepp, Peeter; Pihl, Henri Mart; Hamulak, Ondrej; Kocharyan, Hovsep *Acta Baltica historiae et philosophiae scientiarum* 2020 / p. 73-92 https://www.ies.ee/bahps/acta-baltica/abhps-8-2/05_Kerikmae-2020-2-05.pdf
<https://doi.org/10.11590/abhps.2020.2.05> [Journal metrics at Scopus](#) [Article at Scopus](#)

Leveraging the machine learning techniques for demand-side flexibility - a comprehensive review

Shahid, Arqum; Ahmadihangar, Roya; Rosin, Argo; Blinov, Andrei; Korötko, Tarmo; Vinnikov, Dmitri *Electric power systems research* 2025 / art. 111185 <https://doi.org/10.1016/j.epsr.2024.111185>

LLM-augmented curriculum design : a framework for curriculum innovation in digital public infrastructure education

Lusi, Josephine; Nikiforova, Anastasija; **Pappel, Ingrid** *Augmented Cognition : 19th International Conference, AC 2025, Held as Part of the 27th HCI International Conference, HCII 2025, Gothenburg, Sweden, June 22–27, 2025, Proceedings, Part I* 2025 / p. 193-204 https://doi.org/10.1007/978-3-031-93724-8_15

LSPR23: A novel IDS dataset from the largest live-fire cybersecurity exercise

Dijk, Allard; Halisdemir, Emre; Melella, Cosimo; Schu, Alari; **Pihelgas, Mauno;** Meier, Roland *Journal of Information Security and Applications* 2024 / art. 103847, 14, p. : ill <https://doi.org/10.1016/j.jisa.2024.103847> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Machine learning-based prediction of specific energy consumption for cut-off grinding

Awan, Muhammad Rizwan; Rojas, Hernan A. Gonzalez; **Hameed, Saqib;** Riaz, Fahid; Hamid, Shahzaib; **Hussain, Abrar** *Sensors* 2022 / art. 7152 <https://doi.org/10.3390/s22197152> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Methods of condition monitoring and fault detection for electrical machines

Kudelina, Karolina; Asad, Bilal; Vaimann, Toomas; Rassõlkin, Anton; Kallaste, Ants; Khang, Huynh Van *Energies* 2021 / art. 7459, 20 p. : ill <https://doi.org/10.3390/en14227459> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Model and Data Engineering : 10th international conference, MEDI 2021, Tallinn, Estonia, June 21–23, 2021 : proceedings

2021 <https://doi.org/10.1007/978-3-030-78428-7>

Object segmentation for autonomous driving using iseAuto data

Gu, Junyi; Bellone, Mauro; Sell, Raivo; Lind, Artjom *Electronics (Switzerland)* 2022 / Art. 1119 <https://doi.org/10.3390/electronics11071119> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An overview of smart workplace solutions and potential improvement areas

Kelpman, Karolin; Karjust, Kristo; Majak, Jüri *Proceedings of the Estonian Academy of Sciences* 2025 / p. 155-159 <https://doi.org/10.3176/proc.2025.2.13>

Policy initiatives for Artificial Intelligence-enabled government: an analysis of national strategies in Europe

Noordt, Colin Pascal van; Medaglia, Rony; Tangi, Luca *Public policy and administration* 2023 / 39 p. : ill <https://doi.org/10.1177/09520767231198411> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Possibilities of modeling the creative part of engineering design process using the synergetic approach

Loginov, Dmitri *International journal of mathematical models and methods in applied sciences* 2011 / p. 95-104 : ill

Preliminary analysis of global parameters of induction machine for fault prediction in rotor bars

Kudelina, Karolina; Raja, Hadi Ashraf; Autsou, Siarhei; Asad, Bilal; Vaimann, Toomas; Rassõlkin, Anton; Kallaste, Ants *2022 IEEE 20th International Power Electronics and Motion Control Conference (PEMC) : Brasov, Romania, 25-28 Sept. 2022 : proceedings* 2022 / p. 243-248 : ill <https://doi.org/10.1109/PEMC51159.2022.9962922>

Preliminary analysis of mechanical bearing faults for predictive maintenance of electrical machines

Kudelina, Karolina; Raja, Hadi Ashraf; Autsou, Siarhei; Naseer, Muhammad Usman; Vaimann, Toomas; Kallaste, Ants; Pomamacki, Raimondas; Hyunh, Van Khang *2023 IEEE 14th International Symposium on Diagnostics for Electrical Machines, Power Electronics and Drives (SDEMPED)* 2023 / p. 430-435 : ill <https://doi.org/10.1109/SDEMPED54949.2023.10271451>

Proactive approach to innovation management

Pedai, Andrus; Astrov, Igor *World Academy of Science, Engineering and Technology. International journal of social, education, economics and management engineering* 2014 / p. 2241-2245 : ill

PROMISE – PROMoting AI's Safe usage for Elections

2025 <https://link.springer.com/book/9783031898525#bibliographic-information>

Research ethics committees as knowledge gatekeepers : the impact of emerging technologies on social science

research

Masso, Anu; Gerassimenko, Jelena; Kasapoglu, Tayfun; Beilmann, Mai Journal of responsible technology 2025 / art. 100112
<https://doi.org/10.1016/j.jrt.2025.100112>

A review on the application of machine learning in gamma spectroscopy : challenges and opportunities

Zehtabvar, Mehrnaz; Taghandiki, Kazem; Madani, Nahid; Sardari, Dariush; **Bashiri, Bashir** Spectroscopy journal 2024 / p. 123-144 <https://doi.org/10.3390/spectroscj2030008>

Self-driving car ISEAUTO for research and education

Sell, Raivo; Leier, Mairo; Rassõlkin, Anton; Ernits, Juhan-Peep Proceedings of the 2018 19th International Conference on Research and Education in Mechatronics : (REM 2018), Delft, The Netherlands, June 7-8, 2018 2018 / p. 111-116 : ill
<https://doi.org/10.1109/REM.2018.8421793>

Signal processing and machine learning techniques for predictive maintenance of rotor bars in induction machine

Kudelina, Karolina; Raja, Hadi Ashraf; Rjabtšikov, Viktor; Naseer, Muhammad Usman; Vaimann, Toomas; Kallaste, Ants 2023 International Conference on Electrical Drives and Power Electronics (EDPE) 2023 / 7 p. : ill
<https://doi.org/10.1109/EDPE58625.2023.10274030>

Signal spectrum-based machine learning approach for fault prediction and maintenance of electrical machines

Raja, Hadi Ashraf; Kudelina, Karolina; Asad, Bilal; Vaimann, Toomas; Kallaste, Ants; Rassõlkin, Anton; Khang, Huynh Van Energies 2022 / art. 9507 <https://doi.org/10.3390/en15249507> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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>

Stimulating the uptake of AI in public administrations : overview and comparison of AI strategies of european member states

Noordt, Colin Pascal van; Medaglia, Rony; Misuraca, Gianluca EGOV-CeDEM-ePart-* 2020 : Ongoing Research, Practitioners, Posters, Workshops, and Projects at EGOV-CeDEM-ePart 2020 2020 / p. 269-277 <https://ceur-ws.org/Vol-2797/paper26.pdf>
[Conference Proceedings at Scopus](#) [Article at Scopus](#)

A systematic literature review of AI-based digital decision support systems for post-traumatic stress disorder

Bertl, Markus; Metsallik, Janek; Ross, Peeter Frontiers in Psychiatry 2022 / art. 923613, 13 p. : ill
<https://doi.org/10.3389/fpsy.2022.923613> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The regulatory intersections between artificial intelligence, data protection and cyber security : challenges and opportunities for the EU legal framework

Andraško, Jozef; Mesarčik, Matuš; Hamulak, Ondrej AI & Society 2021 / p. 623–636 <https://doi.org/10.1007/s00146-020-01125-5>

Transferal skills in applied artificial intelligence : the case of financial sector

Porjazoska Kujundziski, Aleksandra; Domazet, Ervin; Kamberaj, Hiqmet; Rahmani, Damir; Feta, Amra; Petlenkov, Eduard; Vassiljeva, Kristina; Štajduhar, Ivan; Hagen, Tobias MIC2023 . Management International Conference. Toward Green, Inclusive, and Digital Growth, Trieste, Italy • 7–10 June 2023. Abstracts of the Joint International Conference 2023 / p. 24 <https://doi.org/10.26493/978-961-293-234-3>

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 AI in public services : results from a preliminary mapping across the EU

Misuraca, Gianluca; Noordt, Colin Pascal van; Boukli, Anys Proceedings of the 13th International Conference on Theory and Practice of Electronic Governance : ICEGOV 2020, 23-25 September, 2020 : Online Conference 2020 / p. 90-99
<https://doi.org/10.1145/3428502.3428513> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Why not to trust big data : discussing statistical paradoxes

Sharma, Rahul; Kaushik, Minakshi; Arakkal Peious, Sijo; Shahin, Mahtab; Vidyarthi, Ankit; Tiwari, Prayag; **Draheim, Dirk** Database Systems for Advanced Applications : DASFAA 2022, International Workshops BDMS, BDQM, GDMA, IWB, MATQTD, and PMBD, Virtual Event, April 11–14, 2022 : proceedings 2022 / p. 50-63 : ill https://doi.org/10.1007/978-3-031-11217-1_4 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)