ASSOC. PROF. DR. VALENTAS GRUŽAUSKAS
Google Scholar profile
Researchgate
Valentas.gruzauskas@mif.vu.lt
+37068576870

Fields of Expertise. Dr. Valentas Gružauskas brings multidisciplinary expertise in the governance of artificial intelligence (AI), conformity assessment, and the ethical application of AI technologies. His academic and professional endeavours intertwine complex systems, social behaviour modelling, and the intersection of business and society. A leading mind in agent-based modelling, machine learning, and deep learning, Dr. Gružauskas has made significant contributions to fields such as remote sensing and welfare. His deep interest in the ethical implications of AI and data science is reflected in his recent focus on AI regulation, particularly the EU AI Act and the USA's blueprint for AI. Dr. Gružauskas envisions incorporating these considerations into future social simulations to ensure a holistic approach to AI's societal impact.

Academic and Professional Roles. Currently, Dr. Gružauskas serves as an Associate Professor at Vilnius University, having previously held a teaching position at Kaunas University of Technology. His mentorship has been highly impactful, with his students' theses, particularly in AI and data ethics, receiving prestigious accolades. He supervises research topics related to data ethics, including synthetic data generation for data depersonalization, identifying personal data in large language models, and agent-based models analysing household health dynamics. Additionally, he oversaw a summer internship funded by the Research Council of Lithuania, focusing on the psychological aftermath of the Russian military invasion of Ukraine on Lithuania's population. Notably, his master student, Justinas Lekavičius, is planning to apply for a PhD and has prepared a scientific publication, currently under review, titled "Data Augmentation with Generative Adversarial Network for Solar Panel Segmentation from Remote Sensing Images."

Leadership and Consulting Roles. In his professional career, Dr. Gružauskas has held leadership roles such as CEO of the Market Trend Valuation Centre and currently leads AI Conformity & Research Consulting, MB. His work in these positions involves AI conformity assessment, ISO standards, and R&D consultations.

Engagement in AI Governance and Standardization. Dr. Gružauskas is actively engaged in various positions related to AI governance and standardization. He is a member of the Advisory Working Group for Action Group 4 "Digital Technologies, Industry, Space" of the "Horizon Europe" Programme at the Lithuania Research Council (since 2024) and the National Standardization Technical Committee LST TK 4 "Information Technology" at the Lithuanian Standards Board (since 2024). He is an expert in the Work Group on CEN/CLC/JTC 21/WG3 Datasets in AI & Managing Bias and the coordinator for both the Work Group on Conformity Assessment at the Artificial Intelligence Governance Forum (2024) and the Artificial Intelligence Landscape Report at the Artificial Intelligence Association.

Publications and Recognitions. Dr. Gružauskas' publication portfolio includes contributions to esteemed journals such as the 'Journal of Cleaner Production,' and his work has been recognized with awards such as the Best Paper Award in 2021 for his research on urban change detection from aerial images. With an H-index of 10 and 528 citations since defending his thesis in 2020, Dr. Gružauskas has demonstrated his capability to conduct impactful and influential research.

EDUCATION

1. *Doctor of Social Sciences (Management and administration)*
   September 2016 – June 2020: Kaunas University of Technology
   Management theories, statistics, social computational science

2. *Master of Industrial Engineering and Management (In English)*
   September 2014 – June 2016: Kaunas University of Technology
   Logistics and manufacturing processes, industrial equipment

3. *Bachelor of Applied Mathematics and Economics*
   September 2010 – June 2014: Kaunas University of Technology
   Fundamentals of economics and applied mathematics

WORK EXPERIENCE

1. *CEO*
   May 2024 – Present
   AI Conformity & Research consulting, MB
   Artificial intelligence conformity assessment, ISO standards, R&D consultations

2. *Senior Researcher*
   March 2024 – Present
   Vilnius University, Faculty of Mathematics and Informatics.
   Scientific research organization in deep learning, remote sensing, artificial intelligence ethics.

3. *Assoc. Prof.*
   February 2022 – Present
   Vilnius University, Faculty of Mathematics and Informatics.
   Teaching deep learning, Ethical Artificial Intelligence for Social Good.

4. *Assoc. prof.*
   September 2020 - June 2022
   Kaunas University of Technology, School of Economics and Business.
   Lecturer of “Transport logistics”, “External Business Data Analytics Project”, “Logistics”. Supervisor of master and bachelor thesis, coordinator of “Big Business Data Analytics” master program, and “Element of AI” online course.

5. *Lecturer*
   September 2016 - September 2020
   Kaunas University of Technology, School of Economics and Business
   Lecturer of “Fundamentals to logistics”, "Transport logistics”, “Manufacturing planning and control”, supervisor of final bachelor thesis.

6. *CEO*
   September 2020 – September 2023
   Market Trend Valuation Center
   Asset valuation research related to artificial intelligence, seminar organization, valuation related document preparation.

7. *Data Science*
   March 2021 - March 2022: Value Advise, UAB
   MITA “Inostart” No. 01.2.1-MITA-T-852-01-0196 funding, project activities coordination, valuation software development based on machine learning.

8. *Freelance Data Analyst*
   January 2016 - September 2020
   Self-Employed
   Statistical data analysis, machine learning, presentation preparation, data visualization, data extraction automation with API.

9. *Freelance Data Analyst*
   January 2016 - June 2017
   LTD "Euromonitor International"
   Analysis of countries' economic indicators, data forecasting, and automation with R and VBA.

SHORT TERM INTERNSHIPS

1. September 15 – October 2023, J.J. Strossmayer University of Osijek, Faculty of Economics in Osijek, Croatia

HONOURS AND AWARDS

1. Lithuanian Union of Young Scientists, Best PhD thesis award, 2021
2. Letter of Praise, Young researcher and doctoral work competition, Lithuanian Academy of Sciences, 2021
3. Best paper awards, Deep Learning Application for Urban Change Detection From Aerial Images, Data Acquisition and Processing, 7th International Conference on Geographical Information Systems Theory, Applications and Management (GISTAM 2021)
4. Lithuania Research Council Scholarships, 2017, 2018 and 2019
5. Active PHD student, 2017 and 2019
6. Mecenate A. Kantautas, 2017
7. Google scholar h-index = 14, total citations 647

INVENTIONS & PATENTS

1. Invention, Process of large language model agent (Agent LLM) for generating diet plans, 2025

PROJECT LEADER

1. Senior Researcher, European Space Agency, "Real-Time Mapping of Peat Hydration Using Data Fusion and Deep Learning", 2025-2026.
2. Researcher, European Space Agency, "Urban Climate", 2024 -2026.
3. Supervisor, Research Council of Lithuania, Student research during the summer, "Impact of the Russia-Ukraine war on the mental health of the Lithuanian population one year after the invasion", 2023.
4. Data science & supervisor, MITA Inostart, "Realization of a Real Estate Valuation Expert System Prototype", 2022.
5. Supervisor, GovTech, "How to create a real-time satellite image of Lithuania?", 2020.

PRIMARY INVESTIGATOR OF PROJECTS

1. Consultant, Development of an intelligent IP address management system based on goalolocation and IP address reputation prediction, TUI Invest, 2025 – 2027.
2. Senior Researcher, Excellence in Human-Centered Logistics 4.0 (X-HuLog4.0), HORIZON-CSA, 2024-2027
3. Researcher, Arqus Joint Programme development, joint master program "Digital Environmental Law: Navigating Sustainability Challenges in the Age of Technology", 2024 - 2026.
4. Senior Researcher, Vilnius University, "Prompt Engineering in Artificial Intelligence for Social Work Practice: A Pilot Study", 2024 – 2025.
5. Senior Researcher: Ministry of Agriculture, "Control of the metabolic efficiency of selenium and iodine transfer to eggs, using AI technologies and assessment of the bioavailability of these necessary trace elements", 2023-2025.
6. Senior Researcher, Research Council of Lithuania, "New generation of multi-objective satellite image recognition algorithms for climate monitoring", 2023-2026
7. Researcher, Research Council of Lithuania, Postdoctoral internship, „Dynamic routing for e-grocery delivery following sustainability (DREGS)", 2022-2024.

8. Audit, Accounting, Asset Valuation and Insolvency Service, Public procurement, “Development of interpretations of international valuation standards and European valuation standards methodological material”, 2022.
9. Researcher, Erasmus +, Virtual Visiting Professors (VIRTUAL), 2022.
10. Researcher, EUREKA, “A prototype of sustainable higher value antimicrobial properties feedstock (bio) technology (SUSFEETECH)”, 2020 – 2023.
11. KTU Inner Project: Combination of image decomposition and artificial intelligence to identify the evolution of the process, 2019.

EXPERIENCE OF SUPERVISING STUDENTS & STUDIES

1. Justinas Lekavičius applying to PhD position in topic related to „Data Augmentation with Generative Adversarial Network for Solar Panel Segmentation from Remote Sensing Images“, currently publication in review.
2. Miroslavas Seniutis applying to post-doctoral position funded by Lithuania reassert council on topic “Artificial Intelligence for Social Work: Exploring Prompt Engineering and LLM's Impact on Professional Identity and Social Service Delivery” (submitted).
3. Coordinator of the Master's programme "Big Business Data Analytics" at Kaunas University of Technology.
4. Coordinating the Element of AI online course.
5. Competition for schools to teach AI to pupils (340 participants).
6. Supervised over 70 bachelor theses and 9 master theses.
7. 8 Master's theses. "Mass appraisal of real estate with satellite imagery data" and "Warehouse location decision based on predicted demand", “Cyclical generative adversarial network for remote sensing segmentation”, “Vision large language models for satellite imagery captioning: a Geolinguistics approach”, “Use of large language models for chatbot development: Automation of answers to bank customers common questions“, “Machine learning systems testing for data drift under the EU AI Act: case study of credit risk classification”.
8. Arturas Airapetian was awarded in the Lithuanian Academy of Sciences' scientific research competition for university students for his work "Dynamic Changes in Depression Symptoms Following the Onset of a Military Conflict in a Neighboring Country: A Cross-Sectional Study.", 2025.
9. One final thesis was defended very well, the student Pačėsaitė Kotryna was awarded a scholarship for the best bachelor thesis in the DI theme, "Artificial Intelligence-based expert system for freight coordination".
10. The final thesis was the basis for a scientific publication with the student - Gružauskas, V., & Pačėsaitė, K. (2021). Expert system for the freight coordination based on artificial intelligence. In 14th international scientific-methodical-practical conference on sustainable regional development: Economics, management, law and technology opportunities 2021 Klaipeda, Lithuania, 1-2 October, 2021: abstract book. Hungarian University of Agriculture and Life Science.
11. Final thesis was the basis for a scientific publication with a student - Gružauskas, V., & Ragavan, D. (2020). A case study of a logistics service provider. Journal of Management, 36, 119-126.
12. Research Council of Lithuania, summer internship for students, Artur Airapetian, The impact of the Russian military invasion of Ukraine on the mental health of the Lithuanian population, 2023.
13. Master student, Justinas Lekavičius got accepted to PhD and published „Data Augmentation with Generative Adversarial Network for Solar Panel Segmentation from Remote Sensing Images“ scientific paper.

TEACHING

1. Kaunas university of Technology, School of Economics and Business, Production Management and Control S189B168, taught in English, BA. 2017 - 2019.
2. Kaunas university of Technology, School of Economics and Business, External Business Data Analytics Project P160M125, MSc. 2020 - 2021.
3. Kaunas university of Technology, School of Economics and Business, Transport Logistics S189B170, taught in Lithuanian and English, Bachelor. 2018 - 2020.
4. Kaunas university of Technology, School of Economics and Business, Logistics Fundamentals S190B146, taught in Lithuanian and English, Bachelor. 2018 and 2020.
5. Vilnius University, Faculty of Mathematics and Computer Science, Deep Learning, 6211BX004, Master, 2023-present, English.
6. Vilnius University, Faculty of Mathematics and Computer Science, Deep Learning, Bachelor, 2023-present, Lithuanian.
7. Vilnius University, Faculty of Medicine, Medicine, Biostatistics, 6011GX004, 2022-present, Lithuanian and English.

8. Vilnius University, Faculty of Mathematics and Computer Science, Ethical Artificial Intelligence for Social Good, Bachelor, 2024-present, Lithuanian.

DEVELOPMENT OF PROGRAMMES/MODULES/COURSES

1. Production management and control S189B168
2. Transport logistics S189B170
3. Introduction to artificial intelligence P176B109
4. Mathematical modelling of business decisions S189M215
5. Deep learning 6211BX004

DEVELOPMENT OF STUDY METHODOLOGICAL MATERIAL

1. Moodle learning material "Production management and control"
2. Research study "Determining the trade-offs of inventory management approaches in the face of Covid-19" for the studies.
3. Teaching book, International logistics, ISBN: 978-80-7592-153-6 https://vscht.futurebooks.cz/detail-knihy/international-logistic

PUBLICATIONS

1. Simona Kuoraitė, Valentas Gružauskas, Simplifying Lithuanian text into Easy-to-Read language using large language models, 20th Machine Translation Summit, 2025 (accepted).
2. Seniutis, Miroslavas; Gružauskas, Valentas; Lileikiene, Angele; Navickas, Valentinas. Conceptual framework for ethical artificial intelligence development in social services sector // Human technology. Szczecin : Centre of Sociological Research. ISSN 1795-6889. 2024, vol. 20, iss. 1, p. 6-24. DOI: 10.14254/1795-6889.2024.20-1.1. [Scopus; DOAJ] [CiteScore: 3,30; SNIP: 1,048; SJR: 0,390; Q1 (2022, Scopus Sources)] https://ht.csr-pub.eu/index.php/ht/issue/view/49/46
3. Baskutis, Saulius; Gružauskas, Valentas; Leibl, Peter; Obcarskas, Linas. Agent-based modelling approach for autonomous vehicle influence on countries' welfare // Journal of cleaner production. Oxford : Elsevier. ISSN 0959-6526. eISSN 1879-1786. 2022, vol. 374, art. no. 134008, p. 1-11. DOI: 10.1016/j.jclepro.2022.134008. [Science Citation Index Expanded (Web of Science); Scopus; Dimensions] [IF: 11,100; AIF: 7,933; IF/AIF: 1,399; Q1 (2022, InCites JCR SCIE)] [CiteScore: 18,50; SNIP: 2,379; SJR: 1,981; Q1 (2022, Scopus Sources)] https://www.sciencedirect.com/science/article/abs/pii/S0959652622035806
4. Gružauskas, Valentas; Burinskienė, Aurelija; Kriščiūnas, Andrius. Application of information-sharing for resilient and sustainable food delivery in last-mile logistics // Mathematics. Basel : MDPI. ISSN 2227-7390. 2023, vol. 11, iss. 2, art. no. 303, p. 1-20. DOI: 10.3390/math11020303. [Science Citation Index Expanded (Web of Science); Scopus; RePec] [IF: 2,400; AIF: 1,300; IF/AIF: 1,846; Q1 (2022, InCites JCR SCIE)] [CiteScore: 3,50; SNIP: 1,008; SJR: 0,446; Q1 (2022, Scopus Sources)] https://www.mdpi.com/2227-7390/11/2/303
5. Fyleris, Tautvydas; Kriščiūnas, Andrius; Gružauskas, Valentas; Čalnerytė, Dalia; Barauskas, Rimantas. Urban change detection from aerial images using convolutional neural networks and transfer learning // ISPRS international journal of geo-information. Basel : MDPI. ISSN 2220-9964. 2022, vol. 11, iss. 4, art. no. 246, p. 1-19. DOI: 10.3390/ijgi11040246. [Science Citation Index Expanded (Web of Science); Scopus; Dimensions] [IF: 3,400; AIF: 4,733; IF/AIF: 0,718; Q2 (2022, InCites JCR SCIE)] [CiteScore: 6,20; SNIP: 1,194; SJR: 0,738; Q1 (2022, Scopus Sources)] https://www.mdpi.com/2220-9964/11/4/246
6. Gružauskas, Valentas; Gimžauskienė, Edita; Navickas, Valentinas. Forecasting accuracy influence on logistics clusters activities: the case of the food industry // Journal of Cleaner Production. Oxon : Elsevier. ISSN 0959-6526. eISSN 1879-1786. 2019, vol. 240, art. no. 118225, p. 1-13. DOI: 10.1016/j.jclepro.2019.118225. [Social Sciences Citation Index (Web of Science); Science Citation Index Expanded (Web of Science); Scopus] [IF: 7,246; AIF: 5,584; IF/AIF: 1,297; Q1 (2019, InCites JCR SCIE)] [CiteScore: 10,90; SNIP: 2,336; SJR: 1,886; Q1 (2019, Scopus Sources)] https://www.sciencedirect.com/science/article/abs/pii/S0959652619330951
7. Gružauskas, Valentas; Baskutis, Saulius; Navickas, Valentinas. Minimizing the trade-off between sustainability and cost effective performance by using autonomous vehicles // Journal of cleaner production. London : Elsevier. ISSN 0959-6526. eISSN 1879-1786. 2018, vol. 184, p. 709-717. DOI: 10.1016/j.jclepro.2018.02.302. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 6,395; AIF: 5,131; IF/AIF: 1,246; Q1 (2018, InCites

JCR SCIE)] [CiteScore: 8,70; SNIP: 2,288; SJR: 1,620; Q1 (2018, Scopus Sources)] https://www.sciencedirect.com/science/article/abs/pii/S0959652618306401

8. Burinskienė, Aurelija; Gružauskas, Valentas. Managing supply chain complexity and sustainability: the case of the food Industry // Processes. Basel : MDPI. ISSN 2227-9717. eISSN 2227-9717. 2022, vol. 10, iss. 5, art. no. 852, p. 1-21. DOI: 10.3390/pr10050852. [Science Citation Index Expanded (Web of Science); Scopus; DOAJ] [IF: 3,500; AIF: 6,800; IF/AIF: 0,514; Q2 (2022, InCites JCR SCIE)] [CiteScore: 4,70; SNIP: 0,979; SJR: 0,529; Q2 (2022, Scopus Sources)] https://www.mdpi.com/2227-9717/10/5/852
9. Gruzauskas, Valentas; Krisciunas, Andrius; Calneryte, Dalia; Navickas, Valentinas; Koisova, Eva. Development of a market trend evaluation system for policy making // Journal of competitiveness. Zlín : Tomas Bata University in Zlín. ISSN 1804-171X. eISSN 1804-1728. 2020, vol. 12, iss. 2, p. 22-37. DOI: 10.7441/joc.2020.02.02. [Social Sciences Citation Index (Web of Science); Scopus] [IF: 4,725; AIF: 4,505; IF/AIF: 1,048; Q1 (2020, InCites JCR SSCI)] [CiteScore: 2,50; SNIP: 1,821; SJR: 0,000; Q1 (2020, Scopus Sources)] https://www.cjournal.cz/files/363.pdf
10. Gružauskas, Valentas; Čalnerytė, Dalia; Fyleris, Tautvydas; Kriščiūnas, Andrius. Application of multivariate time series cluster analysis to regional socioeconomic indicators of municipalities // Real estate management and valuation. Warsaw : De Gruyter. ISSN 1733-2478. eISSN 2300-5289. 2021, vol. 29, iss. 3, p. 39-51. DOI: 10.2478/remav-2021-0020. [Emerging Sources Citation Index (Web of Science); Scopus; Dimensions] [CiteScore: 1,70; SNIP: 0,472; SJR: 0,279; Q3 (2021, Scopus Sources)] https://sciendo.com/es/article/10.2478/remav-2021-0020

SCIENTIFIC STUDY

1. Gružauskas, Valentas; Burinskienė, Aurelija. Determining the trade-offs of inventory management approaches in the face of Covid-19 : science study. Kaunas : Technologija, 2021. 44 p. ISBN 9786090217436. DOI: 10.5755/e01.9786090217436. [S.fld.: S 003] https://ebooks.ktu.edu/product/determining-tradeoffs-inventory-management-approaches-in-face-covid19

CONFERENCES

1. Valentas Gružauskas, “Practical Management of AI Risks: Strategies for Mitigating Ethical and Safety Challenges”, Human Centric AI: Ethics, Regulation, and Safety, 2024.
2. Valentas Gružauskas, Aurelija Burinskienė, Sustainable Dynamic Routing Framework for Efficient E Grocery Delivery, 33rd European Conference on Operational Research (EURO 33rd), 2024.
3. Valentas Gružauskas, Aurelija Burinskienė, Artur Airapetian, “Digital Transformation in Food Consumption Patterns An Empirical Assessment of E-Grocery Adoption Dynamics”, 14th International Scientific Conference "Business and Management 2024“.
4. Justinas Lekavičius, Valentas Gružauskas, "Data augmentation with generative adversarial network for solar panel segmentation from remote sensing imagery," International conference of environmental remote sensing and GIS, Zagreb, 2024.
5. Valentas Gružauskas, Aurelija Burinskienė, Davor Dujak, Traffic forecasting for dynamic route scheduling, Business Logistics in Modern Management 2023.
6. Fyleris, Tautvydas; Kriščiūnas, Andrius; Gružauskas, Valentas; Čalnerytė, Dalia, “Deep Learning Application for Urban Change Detection From Aerial Images”, Data Acquisition and Processing, 7th International Conference on Geographical Information Systems Theory, Applications and Management (GISTAM 2021)
7. V. Gružauskas, E. Gimžauskienė, A. Kriščiūnas, “Traffic disruption influence to food quality: the case of last-mile logistics”, 30th European conference on operational research (EURO 2019), 2019
8. V, Gružauskas, M. Vilkas, “Cyber-physical system application for sustainable supply chain management”, 29th European Conference on Operational Research (EURO 2018), 2018
9. V, Gružauskas, M. Vilkas, “Cyber-physical systems impact to supply chain competitiveness”, “2nd International Conference Contemporary Issues in Theory and Practice of Management”, 2018

TRAININGS

1. AI Act in Practice: Risk, Compliance, and Opportunity for Business, Invest Lithuania, 2025.
2. Effective Use of LLMs: Basics, Risks, and Practical Examples in the Social Services Sector, Innovation Management Agency, 2025
3. AI Regulation in Practice: What You Need to Know When Developing AI Solutions, KTU Techpark, 2025
4. Training Session on International Project Proposal Writing Using AI Tools, Vilniustech, 2025
5. Effective Use of LLMs: Basics, Risks, and Practical Examples in the Legal Sector, Ministry of Transport and Communications, 2024
6. Effective Use of LLMs: Basics, Risks, and Practical Examples in the Financial Sector, Lithuanian Association of Accountants and Auditors, 2024
7. Foundations of Artificial Intelligence and Risk Management in the Financial Sector: Generative AI Models and Practical Applications, Accountants' Knowledge Forum, 2024

INVITED TALKS

1. AI Standardisation and practical implementation in enterprises under the AI Act and ISO/IEC 42001, TGS Baltic, 2025.
2. AI regulation in practice: what you need to know when developing AI solutions, KTU Techpark, 2025.
3. Artificial Intelligence for ESG Data Analysis, Lithuanian Responsible Business Association (LAVA), 2025.
4. Artificial intelligence in Healthcare, Implementing the AI Act in Healthcare: From Legal Compliance to Cutting-Edge Technologies, 2024.
5. Life Science After Work, "Funding Strategies and Roadmapping for AI-Driven R&D Projects", 2024
6. Life Science After Work, "Artificial intelligence in medicine: regulatory challenges, psychology and innovation", 2024
7. Kaunas AI meetup, "Legal and practical aspects of AI Act", 2024
8. Artificial Intelligence Association of Lithuania, AI standards, audits, certification, what homework can companies start doing?, 2024.
9. Lithuanian Association of Accountants and Auditors, Application of Artificial Intelligence and Compliance in Accounting and Auditing, 2024
10. Lithuanian Banking Association, Conformity of AI act for AI systems, 2024.
11. 22nd Baltic Peat Producer Forum, Leveraging Artificial Intelligence for Innovation in Peat Production: Enhancing Efficiency, Sustainability and Compliance, 2024.
12. The Youth Dialogue on Internet Governance (YOUthDIG), Practical Implementation of the AI Act & Standards of Machine Learning Lifecycle, 2024.
13. Artificial Intelligence Governance Forum, "Challenges for Practical Implementation of Artificial Intelligence Act and Standards in Context of Machine Learning Lifecycle", 2024.
14. Lithuania, PropTech Association, How A.I. will disrupt the Property Industry, 2023.
15. France, ESPACE (Study of Structures and Processes of Adaptation and Change in Space), Social computational science, 2022
16. Poland, University of Warmia and Mazury, Real estate valuation methodology based on the integration of machine learning and expert survey, 2021.
17. Lithuania, Lithuanian Poultry Association (LPA) Seminar, Presentation "Use of computer simulations in business decision making", 2021.
18. Lithuania, Audit, Accounting, Valuation and Insolvency Service, Application of Artificial Intelligence in the Development of Real Estate Valuation Support Tools, 2020.
19. Lithuania, Audit, Accounting, Valuation and Insolvency Service, Determination of Real Estate Correction Factor Using Machine Learning, 2020.

SCIENCE PROMOTION FOR PUBLIC

1. Telia, which has laid off hundreds of workers: artificial intelligence integration part of the reason, LRT: Lithuanian National Radio and Television, https://www.lrt.lt/mediateka/irasas/2000358105/simtus-darbuotoju-atleidusi-telia-dirbtinio-intelekto-integracija-dalis-priezasties
2. Certification of AI systems: do we have the competences we need?, Vilnius University, 2024, https://naujienos.vu.lt/dirbtinio-intelekto-sistemu-sertifikavimas-ar-turime-reikalingas-kompetencijas/
3. Will artificial intelligence replace humans in social work? Vilnius University, 2024, https://www.fsf.vu.lt/naujienos/fakulteto-ivykiai/6145-ar-dirbtinis-intelektas-pakeis-zmogu-socialiniame-darbe
4. What Challenges Do Businesses Face and Will Face Due to Artificial Intelligence?, Žinių radijas, Business Pulse, 2024 https://www.ziniuradijas.lt/laidos/verslo-pulsas/kokius-issukius-verslams-kelia-ir-kels-dirbtinis-intelektas?video=1
5. Broiler Nutrition Strategy – Less Antibiotics, Mano Ūkis, 2023 https://www.manoukis.lt/mano-ukis-zurnalas/2023/02/broileriu-mitybos-strategija-maziau-antibiotiku/
6. Inspired by the Finnish Example, KTU Encourages Lithuanian Students to Better Understand Artificial Intelligence, Kaunas University of Technology, 2021 https://dicentras.ktu.edu/news/suomijos-pavyzdzio-ikveptas-ktu-ragina-lietuvos-moksleivius-geriau-pazinti-dirbtini-intelekta/
7. Inspired by the Finnish Example, KTU Encourages Students to Better Understand AI, Kur Stoti Magazine, 2021 https://kurstoti.lt/s/11331/suomijos-pavyzdzio-ikveptas-ktu-ragina-moksleivius-geriau-pazinti-di
8. The (Non)Use of Artificial Intelligence, Elektronika, 2021 http://www.elektronika.lt/straipsniai/kompiuterija/77957/dirbtinio-intelekto-ne-naudojimas/
9. AI Hero Competition Echoes: Gifts Will Be Used in Informatics Lessons, Kur Stoti Magazine, 2021 https://kurstoti.lt/s/11942/ai-hero-konkurso-atgarsiai-dovanos-bus-naudojamos-informatikos-pamokose
10. Artificial Intelligence – The Field Where You Can Realize Your Talents, Kur Stoti Magazine, 2021 https://kurstoti.lt/s/11884/dirbtinis-intelektas-ta-sritis-kurioje-galima-realizuoti-turimus-gabumus
11. Winners of KTU AI Hero Competition: Artificial Intelligence is the Field Where You Can Realize Your Talents, Kaunas University of Technology, https://ktu.edu/news/ktu-konkurso-ai-hero-laimetojai-dirbtinis-intelektas-yra-ta-sritis-kurioje-galima-realizuoti-turimus-gabumus/
12. Artificial Intelligence: Do You Really Know What You Are Buying?, Verslo Žinios, 2021 https://www.vz.lt/izvalgos/2021/05/04/v-gruzauskas-dirbtinis-intelektas-ar-tikrai-zinote-ka-perkate
13. Artificial Intelligence Will Permeate Our Lives, Lietuvos Ryto Televizija, 2021 https://www.lrt.lt/naujienos/mokslas-ir-it/11/1403835/valentas-gruzauskas-dirbtinis-intelektas-persmelks-musu-gyvenimus
14. Inspired by the Finnish Example, KTU Encourages Lithuanian Students to Better Understand Artificial Intelligence, Kaunas University of Technology, https://dicentras.ktu.edu/news/suomijos-pavyzdzio-ikveptas-ktu-ragina-lietuvos-moksleivius-geriau-pazinti-dirbtini-intelekta/
15. KTU Scientist V. Gružauskas's Research: Creating Business Process "Digital Twins" Will Help Improve Home Food Delivery Services, 2021 https://ktu.edu/news/ktu-mokslininko-v-gruzausko-tyrimas-kuriami-verslo-procesu-skaitmeniniai-dvyniai-pades-pagerinti-maisto-pristatymo-i-namus-paslaugas/
16. Growing Opportunities for the Use of Artificial Intelligence in Business – In Which Fields and Which Specialists Are in Demand?, 15min, 2021 https://www.15min.lt/verslas/naujiena/bendroves/valentas-gruzauskas-dirbtinio-intelekto-panaudojimo-galimybes-versle-auga-kokiose-srityse-ir-kokiu-specialistu-paklausa-del-to-dideja-663-1504950
17. Application of Artificial Intelligence in the Food Industry and Agriculture, Mano Ūkis, 2021 https://manoukis.lt/mano-ukis-zurnalas/2021/07/dirbtinio-intelekto-taikymas-maisto-pramoneje-ir-zemes-ukyje/
18. KTU's Interdisciplinary Research on Satellite Image Analysis Recognized Internationally, Kaunas University of Technology, 2021 https://ktu.edu/news/ktu-atliekami-palydovu-nuotrauku-analizes-tarpdisciplininiai-tyrimai-buvo-ivertinti-tarptautiniu-mastu/
19. Statistics Lithuania x KTU, GovTech, 2020 https://govtechlab.lt/closeup-statistics-lithuania-x-ktu/
20. Reducing Negative COVID-19 Factors Using Mathematics and Collaboration, Verslo Žinios, 2020 https://www.vz.lt/ismani-lietuva/inovatyvus-verslas/2020/11/23/neigiamu-covid-19-veiksniu-mazinimas-pasitelkiant-matematika-ir-bendradarbiavima

PARTICIPATION IN WORK GROUPS, SCIENTIFIC OR STUDY COMMITTEES

1. Croatia, International Conference of Environmental Remote Sensing and GIS (ICERS), 2024
2. Advisory Working Group for Action Group 4 "Digital technologies, industry, space" of the "Horizon Europe" programme, Lithuania Research Council, from 2024

3. National standardization technical committee LST TK 4 „Information technology“, Lithuanian Standards Board from 2024.
4. Artificial Intelligence Governance Forum, Coordinator of work group “Conformity assessment”, 2024.
5. Coordinator, Artificial intelligence landscape report, Artificial Intelligence Association.
6. Innovation Agency, expert consultation on implementation of Artificial intelligence act in Lithuania, 2024.
7. European Commission, AI Board, Standards LT delegates, 2024.

MEMBERSHIPS

1. Editorial board, Vadyba/Journal of Management from 2020
2. Agency for Science, Innovation and Technology (MITA), Expert (until 2022)
3. Innovation Agency Lithuania, Expert from 2023
4. Member of Lithuanian PropTech Association, from 2022
5. Member of Artificial Intelligence association, from 2023
6. Institute of Electrical and Electronics Engineers (IEEE) member from 2023

REVIEWING ACADEMIC PUBLICATIONS

1. „Reliability Engineering and System Safety“
2. „Annals of Operations Research“
3. „Technological Forecasting & Social“,
4. “Artificial Intelligence Review”
5. „Energies“
6. „IEEE”
7. “Sensors”
8. “Applied Sciences”
9. „Computational Economics“
10. „Real Estate Management and Valuation“.

SOCIAL ORGANIZATIONS

1. Student council of mathematics faculty, KTU, 2010 – 2014.
2. KTU doctoral student society – 2016-2020
3. Young scientific researcher union (JMS), 2018 - 2020

TRAININGS

1. Machine Learning in Manufacturing, Addressing the Challenges of Industry 4.0, The University of Warwick
2. Resource-aware Machine Learning, Technical University of Dortmund
3. Control Interfaces in Logistics, Data and Algorithms, Bremen
4. 13th ESA Training Course on Earth Observation, Croatia
5. Bloomberg Market Concepts

COMPUTER SKILLS

1. Programming Languages: R-code, Python, SQL, Visual Basics for Applications (VBA)
2. Statistical Software: SPSS, NetLogo
3. Python Analytical Modules: Pytorch, Sklearn, Pandas, MESA
4. DevOps: FastAPI, Docker, Git, Pytest