

CURRICULUM VITAE

PERSONAL INFORMATION

Name and Surname	Tadas ŽVIRBLIS
Address	Žirmūnų str. 129-56, Vilnius
Phone	+370 655 71481
Email	tadas.zvirblis@mf.vu.lt tadas.zvirblis@vilniustech.lt tadas.zvirblis@gmail.com
Nationality	Lithuanian
Date of birth	1985-03-27
Gender	Male
Scientific portfolio	Google scholar ; ResearcherID ; ResearchGate ; Orcid



EDUCATION

Institution	Graduation year	Specialty / Degree
Vilniaus Gediminas Technical University	2022	PhD of Technology sciences, Mechanical engineering (T 009)
Vilniaus University	2010	Master's degree of statistics
Vilniaus University	2008	Bachelor's degree of statistics

WORK EXPERIENCE

Date (from – to)	Institution	Position
2024 – now	Vilniaus Gediminas Technical University	Chief Research Fellow
2023 – now	Vilniaus University	Associate Professor
2022 – now	Vilniaus University	Postdoctoral Fellow
2022 – 2023	Vilniaus University	Assistant Professor
2022 – 2023	Vilniaus Gediminas Technical University	Research Fellow
2020 – 2022	Vilniaus University	Junior Researcher Fellow
2019 – 2020	Government strategic analysis center	Data Analytic
2015 – 2019	Scope Baltija	Statistician
2010 – 2015	Vilniaus University Hospital Santaros Klinikos	Chief Specialist

RESEARCH INTERESTS

artificial intelligence, machine learning, deep learning, neural networks, prognostic models, classification models, natural language processing, large language models, applied statistics, biostatistics, survival analysis, medical image processing, statistics in mechanical engineering, probability theory.

RESEARCH/TRAINING VISITS IN FOREIGN COUNTRIES

Date	Institution
2023	Budapest University of Technology and Economics, Hungary
2022	Kazimierz Pulaski University of Technology and Humanities, Poland

RESEARCH PROJECTS

Date (from – to)	Project name	Project No	Position
2024 – 2025	Brain magnetic resonance imaging changes and their associations with inflammatory factors, cognitive functions, and suicide risk in patients with postpartum depression	S-MIP-24-65	Research Fellow
2023 – 2026	Resolving complex outcomes in 15q13.3 copy number variants using emerging diagnostic and biomarker tools	S-EJP RD-23-1	Senior Research Fellow
2022 – 2024	Development of artificial intelligence methods for prediction and classification of mechatronic systems parameters	P-PD-22-036	Scientific Fellow
2022 – 2023	Competence center for development and design of innovative environmentally friendly devices	01.2.2-CPVA-K-703-03-0016	Research Fellow
2020 – 2022	Development of a strategy for the optimization and treatment of type 2 myocardial infarction diagnosis	09.3.3-LMT-K-712-01-0148	Junior Researcher Fellow

TEACHING SUBJECTS

Date (from – to)	Name of Lecture	Type of studies	University
2025 – now	Bayesian statistics and modelling	Master	Vilnius University
2025 – now	Data Science and Mathematical Statistics	Bachelor	Vilnius Gediminas Technical University
2024 – now	Probability theory and mathematical statistics	Bachelor	Vilnius Gediminas Technical University
2022 – now	Biomedical statistics	PhD	Vilnius University
2022 – now	Multivariate statistical methods with R	Master	Vilnius University
2022 – now	Statistics in genetics	Master	Vilnius University
2022 – now	Research methodology and biostatistics	Integrated	Vilnius University
2023 – 2024	Statistics in kinesiotherapy	Bachelor	Vilnius University

TEACHING SUBJECTS

Type of studies	Name of Lecture	Type of studies
2024 – now	Probability theory and mathematical statistics	Bachelor
2022 – now	Biomedical statistics	PhD
2022 – now	Multivariate statistical methods with R	Master
2022 – now	Statistics in genetics	Master
2022 – now	Research methodology and biostatistics	Integrated
2023 – 2024	Statistics in kinesiotherapy	Bachelor

SUPERWISING STUDENTS

Type of studies	Number of supervised students	Number of consulted students
PhD	1	1
Master	6	2
Bachelor	4	1

Comments: Supervision of students started in 2022. Supervision area: artificial intelligence, machine learning, deep neural networks, applied statistics, biostatistics.

ASSOCIATIONS

Date (from – to)	Name	Position
2024 – now	Artificial Intelligence Association of Lithuania	Member
2022 – now	Lithuanian Mathematical Society	Member
2022 – now	Association of Lithuanian Statisticians	Member
2020 – now	Institute of Electrical and Electronics Engineers (IEEE)	Member
2018 – now	Association of Lithuanian Young Scientists	Member
2012 – now	Association of Hematology, Oncology and Transfusion LTU	Member

PUBLICATIONS

5 main publications in recent 5 years:

1. Žvirblis, Tadas; Pikšrys, Armantas; Bzinkowski, Damian; Rucki, Mirosław; Kilikevičius, Artūras; Kurasova, Olga. Data Augmentation for Classification of Multi-Domain Tension Signals // Informatica. 2024, vol. 35, iss. 4, p. 1-26. DOI: 10.15388/24-INFOR578. [Sponsors: Research Council of Lithuania (LMTLT); Grants: S-PD-22-81]
2. Žvirblis, Tadas; Hunicz, Jacek; Matijošius, Jonas; Rimkus, Alfredas; Kilikevičius, Artūras; Geça, Michał. Improving diesel engine reliability using an optimal prognostic model to predict diesel engine emissions and performance using pure diesel and hydrogenated vegetable oil // Eksploatacja i niezawodność – Maintenance and reliability. Warsaw : Polish Maintenance Society. ISSN 1507-2711. eISSN 2956-3860. 2023, vol. 25, iss. 4, p. 1-19. DOI: 10.17531/ein/174358. [Science Citation Index Expanded (Web of Science); Scopus; DOAJ] [IF: 2,500; AIF: 3,800; IF/AIF: 0,657; Q2 (2022, InCites JCR SCIE)] [CiteScore: 5,40; SNIP: 1,009; SJR: 0,488; Q1 (2022, Scopus Sources)] [S.fld.: T 009] [Contribution: 0,170] [Sponsors: Research Council of Lithuania (LMTLT); Grants: S-PD-22-81]
3. Tulytė, Skaistė; Characiejus, Dainius; Matuzevičienė, Rėda; Janiulionienė, Aušra; Radzevičius, Mantas; Jasiūnaitė, Elena; Žvirblis, Tadas; Šileikis, Audrius. Prognostic value of circulating T-lymphocyte subsets in advanced pancreatic cancer patients treated with mFOLFIRINOX or gemcitabine // International immunopharmacology. Amsterdam : Elsevier B.V. ISSN 1567-5769. eISSN 1878-1705. 2023, vol. 115, art. no. 109722, p. [1-8]. DOI: 10.1016/j.intimp.2023.109722. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 5,600; AIF: 5,600; IF/AIF: 1,000; Q1 (2022, InCites JCR SCIE)] [CiteScore: 8,70; SNIP: 1,048; SJR: 1,100; Q1 (2022, Scopus Sources)] [S.fld.: M 001] [Contribution: 0,125] [Sponsors: Vilnius University]
4. Žvirblis, Tadas; Petkevičius, Linas; Bzinkowski, Damian; Vaitkus, Dominykas; Vaitkus, Pranas; Rucki, Mirosław; Kilikevičius, Artūras. Investigation of deep learning models on identification of minimum signal length for precise classification of conveyor rubber belt loads // Advances in mechanical engineering. London : SAGE Publishing. ISSN 1687-8132. eISSN 1687-8140. 2022, vol. 14, no. 6, p. [1-13]. DOI: 10.1177/16878132221102776. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 2,100; AIF: 4,550; IF/AIF: 0,461; Q3 (2022, InCites JCR SCIE)] [CiteScore: 3,40; SNIP: 0,812; SJR: 0,380; Q2 (2022, Scopus Sources)] [S.fld.: T 009, N 009] [Contribution: 0,148]
5. Puišys, Algirdas; Deikuvienė, Justina; Vindašiūtė-Narbutė, Eglė; Razukevičius, Dainius; Žvirblis, Tadas; Linkevičius, Tomas. Connective tissue graft vs porcine collagen matrix after immediate implant placement in esthetic area: A randomized clinical trial // Clinical implant dentistry and related research. Hoboken : Wiley. ISSN 1523-0899. eISSN 1708-8208. 2022, vol. 24, iss. 2, p. 141-150. DOI: 10.1111/cid.13058. [Science Citation Index Expanded (Web of Science); Scopus; PubMed] [IF: 3,600; AIF: 3,200; IF/AIF: 1,125; Q1 (2022, InCites JCR SCIE)] [CiteScore: 7,70; SNIP: 1,739; SJR: 1,382; Q1 (2022, Scopus Sources)] [S.fld.: M 002, T 009] [Contribution: 0,166] [Sponsors: Institut Straumann AG; Grants: IIS 14/18]

All publications: <https://scholar.google.com/citations?user=IquMntAAAAAJ&hl=lt>