

PERSONAL INFORMATION

Family name, First name: Eftimov Tome

URL for website: <http://cs.ijs.si/eftimov>



Education:

- 01/2019 - 01/2020 - postdoctoral research fellow at the Department of Biomedical Data Science, Stanford Medicine, Stanford University, California, USA
- 10/2014 - 01/2018 - PhD in Information and Communication Technologies, Jožef Stefan International Postgraduate School, Ljubljana, Slovenia
- 10/2011 - 06/2013 - M.Sc. Eng. in Electrical Engineering and Information Technologies, Ss. Cyril and Methodius - University, Skopje, Macedonia
- 09/2007 - 06/2011 - B.Sc. Eng. in Electrical Engineering and Information Technologies, Ss. Cyril and Methodius - University, Skopje, Macedonia

Titles:

- 04/2022 - present - Assistant Professor
- 12/2020 - present - Senior Researcher
- 10/2017 - 11/2020 - Researcher

Research Positions:

- 12/2020 - present - senior researcher at Jožef Stefan Institute (JSI), Ljubljana, Slovenia
- 03/2020 - 04/2020 - short term scientific mission at Sorbonne University, Paris, France
- 01/2019 - 01/2020 - postdoctoral research fellow at the Department of Biomedical Data Science, Stanford Medicine, Stanford University, California, USA
- 05/2019 - 01/2020 - research associate at the University of California, San Francisco (UCSF), USA
- 10/2014 - 01/2018 - PhD student at Jožef Stefan Institute (JSI), Ljubljana, Slovenia
- 09/2012 - 09/2014 - research assistant at the Macedonian Academy of Sciences and Arts (MANU), Skopje, North Macedonia

Teaching and Supervision:

- 04/2022 - present - assistant professor at the Faculty of Computer and Information Sciences, University of Ljubljana, Slovenia
- 10/2020 - present - visiting assistant professor at the Faculty of Computer Science and Engineering (FINKI), Ss. Cyril and Methodius - University, Skopje, North Macedonia
- 01/2018 - present - supervisor of one PhD student (started at 2021) and co-supervisor of three PhD thesis (two started at 2018, one started at 2020)
- 01/2018 - present - supervisor of two MSc (started at 2021) and co-supervisor of three MSc thesis (two finished (2018, 2019), one started at 2020)
- 09/2011 - 09/2012 - teaching and laboratory assistant at the Faculty of Electrical Engineering and Information Technologies, Ss. Cyril and Methodius - University, Skopje, Macedonia
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Professional Services:

- Member of AAAI Community, ACM Community, IEEE Computational Intelligence Society, and INSTICC Community
- Reviewer of selected international journals (IEEE Transactions on Evolutionary Computation, Nature Communications, Applied Soft Computing, Swarm and Evolutionary Computation, Expert Systems with Applications, Information Sciences)

- Member of programme committees of international conferences (IJCAI (2019, 2020, 2021, 2022), PPSN (2020, 2022), GECCO (2018, 2019, 2020, 2021, 2022), BIOMA (2018, 2020, 2022), SimBig (2019, 2020), LOD (2018, 2019, 2020, 2021, 2022), CIIT (2018, 2019, 2020), IEEE CEC (2019, 2020, 2021, 2022), AutoML 2022)
- Reviewer of HE Marie Sklodowska- Individual Postdoctoral Fellowship 2022 - Reviewer
- Reviewer of H2020 Marie Sklodowska-Curie Innovative Training Networks (H2020-MSCA-ITN-2019)

Bibliography:

- 40 scientific articles published in international peer-reviewed journals
- 64 scientific papers presented at international conferences
- Springer book and 4 chapter of books

Transfer of knowledge and technologies:

- 07/2022 - Student mentor at GECCO 2022 student workshop
- 06/2022 - Organizer of special session on AutoDesign4EC: Automated algorithm design for evolutionary computation at IEEE CEC 2022
- 06/2022 - Linking food and environmental data for trustworthy AI in predictive healthcare workshop organizer at ELIXIR All Hands meeting 2022
- 05/2022 - Invited speaker at CIIT 2022
- 09/2021 - Invited speaker at ETAI 2021
- 09/2021 – Invited speaker at Iberain Health and Food Language Technologies 2021
- 2020, 2021, 2022 - Tutorial speaker: Statistical analyses for meta-heuristic stochastic optimization algorithms at GECCO 2020, 2021, 2022; IEEE CEC 2021, 2022; and PPSN 2020, 2022
- 2020, 2021, 2022 - BENCHMARKING workshop organizer at IEEE CEC 2021, 2022 and GECCO 2020, 2021, 2022
- 06/2021 - Organizer of special session on Representation Learning meets Meta-heuristics at IEEE CEC 2021
- 2020, 2021, 2022 - AI & Food and Nutrition Track organizer at Applied Machine Learning Days (AMLDD 2020, 2021, 2022), EPFL, Lausanne, Switzerland
- 2019, 2020 - BFNDMA workshop organizer at IEEE BigData 2019, 2020
- 10/2020 - Organizer of special session on Representation Learning meets Meta-heuristics at Lorentz workshop at Leiden University, the Netherlands
- 09/2020 - Invited speaker at European Science Open Forum (ESOF), Trieste, Italy
- 12/2019 - Tutorial speaker at IEEE SSCI 2019: Statistical analyses for meta-heuristic stochastic optimisation algorithms
- 12/2019 - Invited speaker at TextXD: Text Analysis Across Domains, University of California, Berkeley, USA
- 06/2019 - UEOB 2019 workshop organizer at IEEE CEC 2019, Wellington, New Zealand
- 06/2019 - Invited speaker at NLP@UCSF meeting, San Francisco, USA
- 04/2019 - Invited speaker at Data Science Meetup Macedonia, Skopje, North Macedonia
- 04/2019 - Invited speaker at the 1 ISO-FOOD International Symposium on Isotopic and Other Techniques in Food Safety and Quality, Piran, Slovenia
- 10/2018 - Invited speaker at the University of Salzburg, Salzburg, Austria
- 09/2018 - Invited speaker at the Stakeholder meeting: Food authenticity and traceability, Ljubljana, Slovenia
- 09/2018 - Tutorial speaker at IJCCI 2018: How to perform a proper study analysis? Where we started and where are we now in statistical performance assessment approaches for stochastic optimization algorithms?

- 04/2018 - Invited speaker at the 15th International Conference on Informatics and Information Technologies
- 01/2018 - Invited speaker at the Multi-method Symposium at the Radboud University, Nijmegen, The Netherlands (organized by ERC Consolidator Grant)

Awards:

- 2021 - Excellent in science ARRS 2021 (interdisciplinary sciences)
- 2021 - Best Paper Award at EvoAPPs 2021
- 2020 - First ranked team at the Open Optimisation Competition at GECCO 2020 and PPSN2020, organized by Sorbonne University and Facebook AI research group, Paris, France
- 2019 - Best young scientist in North Macedonia for 2018 – an award received from the president of North Macedonia
- 2019 - Extraordinary achievements in science - an award received from the mayor of Strumica, North Macedonia

National R&D projects (research work):

- RESPONSE: Representation Learning of Landscape Spaces for Explainable Performance of Stochastic Optimization Algorithms (N2-0239) (**Principal Investigator of ARRS ERC StG Complementary scheme, 2022 - 2024**)
- Mr-BEC: Modern approaches for Benchmarking in Evolutionary Computation (Z2-1867) (**Principal Investigator of ARRS Postdoctoral Project, 2019 - 2021**)
- Toponymic heritage of Primorska (L7-9424) (2018 - 2021)
- Trans fatty acids (L3-7538) (2016 - 2019)
- Computer structures and systems - ARRS program (2015 - 2018; 2019 - 2024)

European R&D projects (research work):

- ExtraCting and Annotating Food NamEd EnTitiEs fRom ScIentific LiterAture – EFSA funded project (**Scientific Coordinator, 2021-2022**)
- Work-Based Learning Grant (**Principal Investigator, 2022-2023**)
- Communities on Food Consumer Science – H2020 (Task leader, 2021-2025)
- Food Nutrition Security Cloud - H2020 (Task leader, 2019 - 2023)
- Supporting Active Ageing through Multimodal coaching - H2020 (2017 - 2020)
- Improving Applicability of Nature-Inspired Optimisation by Joining Theory and Practice - COST Action (2016 - 2020)
- Resource Efficient Food and dRink for the Entire Supply cHain - H2020 WASTE (2015-2019)
- ERA Chair for isotope techniques in food quality, safety and traceability - FP7 ERA Chair (2014-2019)
- Research Infrastructure on Consumer Health and Food Intake for Escience with Linked Data Sharing - H2020 INFRADEV (2015-2018)
- Quantify Life - Feed Yourself - FP7 KBBE (2014-2015)
- Noncoherent Communication - DFG project (2012-2014)