

Europass Curriculum Vitae

Personal Information

Name: Sime Arsenovski

Phone: +389 70 227533

E-mail: s.arsenovski @utms.edu.mk

Nationality: Macedonian

Date of Birth: 22.04.1967

Gender: Male

Academic Title: Professor

Work Experience

- Full Professor, UTMS Skopje, 2017-
- Rector Sep, FON University, Skopje, 2013 - 2016
- Vicerector, FON University, Skopje, 2009 - 2013
- Professor, FON University, 2012 - 2017
- Associate Professor, FON University, 2007 - 2012
- Dean, European University, Skopje, 2005 - 2008
- Assistant Professor, European University, Skopje, 2003 - 2007
- Teaching Assistant, Military Academy, Skopje, 1995 - 2003
- Software Engineer, Ministry of Defense, Skopje, 1990 - 1995

Education and Training

- Ph.D. in Technical Sciences, UKIM Skopje (2001 – 2003)
- M.Sc. in Technical Sciences, UKIM Skopje (1999 – 2001)
- B.Sc. in Informatics, Technical Military academy Zagreb, (1985 – 1990)

Scientific and Academic Production

- Over 60 co-authored scientific papers in international journals and conferences
- Participation in ICON BEST, MIPRO, IT Innovations and other international congresses

- Editorial board member and organizer of international conferences

Teaching Activities

- Courses: Computer architecture, Operating systems, Artificial intelligence, Theory of systems, Designing information systems, Performance and reliability analysis of computer systems

International Cooperation

- Erasmus+ Staff Mobility, Bulgaria
- PEIP World Bank - Ministry of education of RNM
- Millennium foundation Kosovo - Information Systems (Design, Supply and Installation) ICT Systems for Public Access to Judicial Information,
- RESPA - Developing the National Electronic Archival and Records Management System in RNM.

Publications (Selected)

- LAMINAR: BENCHMARKING AND OPTIMIZING DEFENSE-IN-DEPTH ARCHITECTURES FOR ENTERPRISE RAG SYSTEMS, Emerging Technologies and New Challenges 2025, International Conference, University of Skopje, 11th of November 2025, Skopje, Republic of North Macedonia
- FROM TEXT GENERATION TO AGENCY: THE OPERATIONALIZATION OF GENERATIVE AI IN ENTERPRISE ECOSYSTEMS, Emerging Technologies and New Challenges 2025, International Conference, University of Skopje, 11th of November 2025, Skopje, Republic of North Macedonia
- IMPROVING EMPLOYEE PHISHING ATTACK DETECTION FOR STRONGER ORGANIZATIONAL SECURITY POSTURE, Emerging Technologies and New Challenges 2025, International Conference, University of Skopje, 11th of November 2025, Skopje, Republic of North Macedonia
- ARTIFICIAL INTELLIGENCE AND CYBERSECURITY AS MACROECONOMIC FORCES: GROWTH, STABILITY, AND STRUCTURAL TRANSFORMATION, Icon Best 2024 International Conference for Business, Education Sport and Tourism, The 9th International Scientific Congress, Shaping the Future: Trends and Insights for Tomorrow, University of Skopje, 18th of November 2024, Skopje, Republic of North Macedonia
- AGENTIC RAG ON DELL AI FACTORY WITH NVIDIA_ A COMPREHENSIVE ANALYSIS, , Iconbest2024, Shaping The Future: Trends and Insights for Tomorrow, 18 November 2024, University of Skopje, Skopje, Republic of North Macedonia.

- CHALLENGES OF AGILE METHODOLOGIES IN ADDRESSING HIGH-SEVERITY ISSUES IN INFORMATION SYSTEMS DEVELOPMENT, , Iconbest2024, Shaping the Future: Trends and Insights for Tomorrow, 18 November 2024, University of Skopje, Skopje, Republic of North Macedonia.
- THE INFLUENCE OF THE USE OF DIGITAL DEVICES ON THE RESULTS OF THE PISA TEST IN NORTH MACEDONIA, Iconbest2024, Shaping the Future: Trends and Insights for Tomorrow, 18 November 2024, University of Skopje, Skopje, Republic of North Macedonia.
- DELL CYBER RECOVERY FOR ENHANCED DATA RESILIENCE AND RANSOMWARE PROTECTION, , Iconbest2022, Innovative Trends In International Business and Sustainable Management, 14 November 2022, University of Tourism and Management In Skopje, Skopje, Republic of North Macedonia.
- DIGITAL TRANSFORMATION OF HIGHER EDUCATION IN RN MACEDONIA, Iconbest2022, Innovative Trends In International Business and Sustainable Management, 14 November 2022, University of Tourism and Management In Skopje, Skopje, Republic of North Macedonia.
- CISO-AS-A-SERVICE MODEL_ STRATEGIC CONSIDERATIONS FOR COMPANY ADOPTION, Iconbest2022, Innovative Trends In International Business and Sustainable Management, 14 November 2022
- TPC-H BENCHMARK Q3, Q6 AND Q12 SEQUENTIAL, OPENMP PARALLEL AND CUDA PARALLEL IMPLEMENTATION, Mipro 2021 44th International Convention, Cts - Computers In Technical Systems (Accepted Paper), 2021

Language Skills

Language	Understanding	Speaking	Writing
English	Excellent	Excellent	Excellent

Digital Competences

- Proficient in Microsoft Office, Power BI, Zoom, Teams, and academic databases

Additional Information

- Member of national and international scientific committees, many projects, etc.