



Name and surname: Zorica Stanimirović

Position: Assistant Professor

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Education

- 2007. PhD in Mathematics (Numerical Mathematics and Optimization), Faculty of Mathematics, University of Belgrade, PhD Thesis: "*Genetic algorithms for solving some NP-hard hub location problems*" ,
- 2004. MSc degree (Magister scientiæ) in Mathematics (Numerical Mathematics and Optimization), Faculty of Mathematics, University of Belgrade, Master thesis : "*Solving some discrete location problems using genetic algorithms*",
- 2000. BSc degree in Mathematics (Numerical Mathematics and Optimization), Faculty of Mathematics, University of Belgrade,

Professional Experience

- From 2008. Assistant Professor, Department for Numerical Mathematics and Optimization, Faculty of Mathematics, University of Belgrade
- From 2008. Vice –Dean for Science and Research of Faculty of Mathematics
- From 2013. Assistant Professor at Faculty of Pharmacy, University of Belgrade on Phd studies, course „Evolutionary algorithms in drug analytics“
- From 2013. Assistant Professor at Military Academy, University of Defense, Serbia, course „Mathematics“, basic studies

- 2000-2005. Teaching Assistant, Faculty of Mathematics, University of Belgrade, Department for Numerical Mathematics and Optimization

Research Interests:

- Combinatorial optimization, Discrete optimization,
- Mathematical modelling
- Evolutionary algorithms and other Metaheuristics
- Hybrid optimization methods
- Hub location problems and other Facility location problems, Network design
- Robust optimization

Research activities

- From 2011 till present: Researcher at the project no. 174010 “*Mathematical Models and Optimization Methods for Large-Scale Systems*”, at Mathematical Institute, Serbian Academy of Sciences and Arts. The project is financially supported by Serbian Ministry of Education and Science <http://www.mi.sanu.ac.rs/projects/174010e.htm>
- From 2011 till present: Researcher and coordinator of the sub-project at the Project no. 17017 "Security and Protection of Organization and Functionality of Educational System of the Republic of Serbia (foundation, principles, protocols, procedures and methods)", at Faculty of Security Studies, University of Belgrade. The project is financially supported by Serbian Ministry of Education and Science
- From 2002- 2010: Researcher at the scientific project "Mathematical optimization models and methods with applications" that was realized at Mathematical Institute, Serbian Academy of Science SANU, Belgrade and supported by the Serbian Ministry of Science
- From 2008-2011: Local coordinator of the TEMPUS IV project 144703-TEMPUS-1-2008-1-BATEMPUS-JPCR (See Doctoral Studies in Computer Science),
- From 2007 till present: coordinator of the current project “Terrorist and Organized Criminal Search Database” with Faculty of security Sciences, University of Belgrade with support of George Marshal Center for Security Studies, Germany (www.tocsearch.com)
- Member of local editorial office of *Zentralblatt Math. and MathEduc* at Mathematical Institute, Serbian Academy of Sciences and Arts.
- Reviewer for international SCI journals: *Soft Computing, Computational Optimization and Applications, Advances in Engineering Software, TOP journal, Inter Computers and Mathematics with Applications, Computer Science and Information Systems COMSIS, Information Technology and Control, Mathematical Problems in Engineering*, and international journal *European Journal of Industrial Engineering*,
- Member of the Society of Mathematicians of Serbia

- Member of the Society for Informatics of Serbia and Member of the Advisory Board of this Society

Research visits

- Student Research Grant from IAESTE: visiting the *Institute für Leichtbau and Kunststofftechnik*, Dresden, Germany (October-December 1998),
- Shorth research visit to Mathematical Institute, Karl-Franzens University, Graz, Austria (February, 2010),
- Shorth research visit to Mathematical Institute, Bulgarian Academy of Sciences and Arts, Sofia, Bulgaria (April, 2010).

Awards

- Graduate students' award from Serbian Ministry of Science in 2001.
- Award from the Society of Informatics of Serbia for cooperation, 2013.
- Award from the Faculty of Security Studies, University of Belgrade for cooperation, 2011.
- Acknowledgment from the Office for KiM of the Government of the Republic of Serbia, for participation and support of the humanitarian activities for children, 2011.

Languages

- English (fluent)
- French (basics)
- Greek (basics)