Dr. Vesna Šešum-Čavić

Vesna Šešum-Čavić is Associate Professor at University of Belgrade, Faculty of Civil Engineering and Senior Scientist and University Lecturer in Computational Intelligence, Institute of Information Systems Engineering, Compilers and Languages Group, Vienna University of Technology. She is a graduated mathematician (Dipl.Math) and Magistar of Computer Science (Mag.) from University of Belgrade. She received a doctoral degree in Computer Science from Vienna University of Technology (Dr. techn.).

Her research interests cover swarm intelligence, evolutionary computation, network optimization, p2p systems, scalable distributed systems, theory and design of algorithms, combinatorial optimization, complex systems, self-organization, and multi-agent systems. She combines her double background – mathematics and computer sciences, using them in the scope of computational intelligence, specifically nature-inspired computational methodologies, and applying to complex real-world problems from the domain of distributed systems.

Vesna was the Chair of IEEE Women in Computational Intelligence in 2019 and member of the IEEE Women in Engineering Committee as well as IEEE CIS Member Activities Committee. She has served as conference chair, program committee member, keynote speaker of international conferences and Associated Editor of IEEE Transactions on Emerging Topics in Computational Intelligence. Currently, she serves as Associated Editor of IEEE Open Journal of Intelligent Transportation Systems.