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Citizenship: Romania

Research interests

I work at the interface of biological sciences, engineering and robotics with the goal of a greater understanding of biological information processing and creating of intelligent computational systems.

Current position

Faculty member of the [Department of Automatic Control and Systems Engineering](#)

Head of the Natural Computing and Robotics Lab.

Head of the Cognitive Robotics in Assistive Medicine Lab.

I conduct research and supervise Ph. D. theses in the areas of Systems Engineering, Natural Computing, Cognitive Robotics, Modeling of Biological Processes, Bioinformatics, Educational Technologies.

Education

2015: Ph. D. in Natural Sciences (Biology), *Faculty of Biology, University of Bucharest.*

1997: Ph. D. in Control Systems, *Faculty of Control and Computer Science, Politehnica University of Bucharest.*

1992: M.Sc (Grade: 9.72/10.00), *Faculty of Control and Computer Science, Politehnica University of Bucharest*

Professional experience

Teaching Assistant (1992-1998), Assistant Professor (1998-2001), Associate Professor (2001-2004), Professor (2004-present), *Politehnica University of Bucharest.*

Publications

More than 100 papers in refereed journals, and Conference Proceedings. Author or co-author of 17 books and book chapters. See [recent publications on my website](#).

More than 130 citations in different books, journal papers, conference proceedings and Ph.D. theses.

National and international grants

Director and co-director of 15 national and international grants.

Community activities

Independent expert: European Commission (FP7), Scientific Research National Council of Romania, Bulgarian National Research Fund, Croatian Science Foundation, NRC Poland

Conference Service – Member of Organizing Committees and of International Program Committees, various Conferences

Membership to Professional Associations

IEEE Member

Member of IEEE Technical Committee on Safety, Security, and Rescue Robotics

Member of the IFAC Technical Committee on Intelligent Autonomous Vehicles

ACM Member

Member of SRAIT, Romanian Society for Automatic Control and Technical Informatics

Languages

English (fluent), French (fluent), Italian (fluent), Chinese (HSK2)

