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**GRIGORE T. POPA UNIVERSITY OF  
MEDICINE AND PHARMACY IASI**

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## Invited Plenary Speakers



### **Radu-Emil PRECUP, Politehnica University of Timisoara, ROMANIA**

#### ***Metaheuristic algorithms in fuzzy control and model building, and learning-based control of servo systems in medical applications***

**Radu-Emil Precup** is currently with the Politehnica University of Timisoara (UPT), Romania, where he became a Professor in the Department of Automation and Applied Informatics, in 2000, and he is currently a Ph.D. supervisor in automation and systems engineering. Since 2022 he is also a senior researcher (CS I) and the head of the Data Science and Engineering Laboratory of the Center for Fundamental and Advanced Technical Research, Romanian Academy – Timisoara Branch, Romania. From 2016 to 2022, he was an Adjunct Professor within the School of Engineering, Edith Cowan University, Joondalup, WA, Australia. He is currently the director of the Automatic Systems Engineering Research Centre of the UPT. From 1999 to 2009, he held research and teaching positions with the Université de Savoie, Chambéry and Annecy, France, Budapest Tech Polytechnical Institution, Budapest, Hungary, Vienna University of Technology, Vienna, Austria, and Budapest University of Technology and Economics, Budapest, Hungary. He has been an Associate Editor of IEEE Transactions on Fuzzy Systems (2018-2022), is an Executive Co-Editor-in-Chief of Information Sciences (Elsevier), the Editor-in-Chief of Romanian Journal of Information Science and Technology, and is an editorial board member of several prestigious journals including IEEE Transactions on Neural Networks and Learning Systems, IEEE Transactions on Cybernetics, Engineering Applications of Artificial Intelligence (Elsevier), Applied Soft Computing (Elsevier), Expert Systems with Applications (Elsevier), Evolving Systems (Springer), Applied Artificial Intelligence (Taylor & Francis), Healthcare Analytics (Elsevier), and Communications in Transportation Research (Elsevier).

Prof. Precup is a Fellow of IEEE, a corresponding member of the Romanian Academy, a Doctor Honoris Causa of the Óbuda University, Budapest, Hungary, and a Doctor Honoris Causa of the Széchenyi István University, Győr, Hungary.

He received the Elsevier Scopus Award for Excellence in Global Contribution (2017), was named a 2022 academic data leader by Chief Data Officer (CDO) Magazine, and was listed as one of the top 10 researchers in artificial intelligence and automation (according to IIoT World as of July 2017).



## **Mihail POPESCU, University of Missouri, Columbia, USA**

### ***Semantic Biomedical Knowledge Extraction: The New Frontiers***

Dr. Mihail Popescu is a Professor of Medical Informatics at the University of Missouri School of Medicine. He holds a PhD in Computer Science (2003), an MS in Electrical Engineering (1997), and an MS in Medical Physics (1995), all from the University of Missouri. Dr. Popescu's research focuses on biomedical intelligent systems, eldercare technologies, and medical decision-making. His work aims to develop advanced decision support systems for managing chronic diseases, improving eldercare and patient monitoring. Dr. Popescu has been widely published and cited in the fields of medical informatics and machine learning.

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