

Plenary Session

KEYNOTE LECTURE:

„Artificial Intelligence – Myth or reality: The Third Golden Age“

Prof. Emer. Vojislav Kecman
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Abstract: The lecture will present the origins of today's artificial intelligence (AI). It will present its roots in neural networks (NN), the blossoming period of NN, the appearance of support vector machines followed by a retreat of NN, the introduction of NN with many hidden layers coined as deep learning (DL), and rebirth of AI based on DL algorithms.

Short Bio:



Prof. Emer. Vojislav Kecman is Professor Emeritus in the Computer Science Department at the Virginia Commonwealth University (VCU) in Richmond, VA, USA where he directed the Learning Algorithms and Applications Laboratory (LAAL). He was a Fulbright Scholar at the M.I.T., Cambridge, MA, USA, Konrad Zuse Professor at FH Heilbronn, DFG Visiting Scientist at TH Darmstadt, Research Fellow at the Drexel University, Philadelphia, PA, DAAD Professor at the FHTW in Berlin and Soest as well as at the Stuttgart University. He also was the full faculty at The University of Auckland in Auckland, NZ, and Zagreb University.

Prof. Kecman authored several books in the areas of machine learning and artificial intelligence as well as in the fields of system dynamics modeling and control. His most popular book is 'Learning and Soft Computing, Support Vector Machines, Neural Networks, and Fuzzy Logic Models' published by The MIT Press, Cambridge, MA (about 3,000 citations). The book has been/is a recommended university textbook at about 100 universities all around the world including 20 universities in the USA. The second edition of this book is by Pearson Education, New Delhi, India.

Professor Kecman delivered invited lectures at: Harvard, Moscow Engineering Physics Institute MEPHI, MIT, Uni Stuttgart, UC Santa Barbara, and Rutgers University, as well as at the universities as follows - Humboldt, Singapore, Melbourne, Graz, Bremen, Dresden, Darmstadt, Claustahl, Maastricht, Vaikato, Soest, Novi Sad, Banjaluka.

More about Prof. Kecman can be found here:
<http://www.people.vcu.edu/~vkecman/Index.html>.