

Thursday, August 2, 2007

8:30 – 17:30

Hall F

Symposium on Computer Science, AI & Engineering Cybernetics

Chairs: Prof. Vladimír Mařík, Czech Technical University of Prague, Czech Republic
Dr. Alexandru Murgu, BT Network Research Centre, Ipswich, United Kingdom

Replicator Dynamics in Networked Multi-Agent Systems (Invited Paper)

by Dr. Alexandru Murgu, BT Network Research Centre, Ipswich, United Kingdom

Agent-Based Collision Avoidance Algorithm – (Keynote Address)

by Prof. Vladimír Mařík, Czech Technical University of Prague, Czech Republic

Target Levels Optimization of Two-Stage Serial Production System with Procedure Solution in Java

by Docent Dr. Ladislav Lukaš, University of West Bohemia in Pilsen, Czech Republic.

Stability Analysis and Stabilization of Control Systems with Two-Level Uncertainty

by Dr. Magdalena Turowska, Wrocław Technical University, Wrocław, Poland

Knowledge Based Decision Making in a Class of Operation Systems With Three-Level Uncertainty

by Dr. Donat Orski, Wrocław Technical University, Wrocław, Poland

Strategies for Iterated Prisoner's Dilemma Game

by Prof. Yuichi Kobuchi, Ryukoku University, Seta, Japan

Designing Media Contents for Ubiquitous Space

by Dr. Takuya Yamauchi and Toru Iwatake, Keio University SFC, Endo, Japan

Lunch Break 12:00-14:00

Inventory Control Models – Generalization of the EOQ with Time Dependent Demand Rate and Holding Costs

by Docent Dr. Ladislav Lukaš, University of West Bohemia in Pilsen, Czech Republic.

Asynchronous Distributed Systems of Cooperation in RFID

by Dr. Whe Dar Lin, The Overseas Chinese Institute of Technology, Taichung, Taiwan,

An Extended Model of Artificial Neuron

by Profs. J. L. Pérez-Silva, A. Garcés-Madrigal, F. Lara-Rosano, F. Gamboa-Rodriguez,
A. Miranda-Vitela, National University of Mexico (UNAM), Mexico D.F., Mexico

Using Neural Networks for Image Interpolation-Supporting Methods

by Drs. Maciej Czapla and Aleksander Zgrzywa, Wrocław University of Technology, Poland

On Fractal Time

by Dr. Susie Vrobel, The Institute for Fractal Research, Kassel, Germany

Systems Representation Using Mathematical Models

by Prof. Constantin Corduneanu, University of Texas at Arlington, TX, USA