Tuesday, July 29, 2008 **8:30 – 17:30** **Hall F**

Symposium on Computer Science, AI & Engineering Cybernetics

Chairs:

Prof. Vladimir Mařik, Czech Technical University of Prague, Czech Republic
Docent Dr. Ladislav Lukaš, University of West Bohemia in Pilsen, Czech Republic.

Uncertain Decision Making for a Complex of Operations (Keynote Address)
by Prof. Jerzy Jozefczyk, Wroclaw University of Technology, Wroclaw, Poland

Comparison of Different Versions of Uncertain Variables with Application to Rate Allocation in Computer Networks
by Mr. Dariusz Gasior, Wroclaw University of Technology, Wroclaw, Poland

Resource Allocation in Computer Networks under Uncertainty (Invited Paper)
by Dr. Magdalena Turowska, Dariusz Gasior, Wroclaw University of Technology, Wroclaw, Poland

Effects of Information Characteristics and Integration Strategies on Reducing Uncertainty in Multi-Indices Probabilistic Decision-Making
by Stephanie Nann & Bernard Cadet, University of Caen, Basse Normandie, France

Predictor Domination Model for File Importance Determination
by Profs. K. C. Wong, Governors State University, Univ. Park, IL, USA, and
by Albrecht Inhoff, State University of New York at Binghamton, NY, USA

Multi-Agent Systems for Manufacturing – (Keynote Address)
by Prof. Vladimir Mařik, Czech Techn. University of Prague & Rockwell Automation, Czech Republic

Lunch Break 12:00-14:00

The Looming Programming Crises due to Multicore Computing (Keynote Address)
by Dr. Keith Bromley, U.S. Navy, San Diego, California, USA

The Role of Noncommutative Geometry in Connectionist Network Structure Modeling: Introduction to the Category GeoNET. A Brief Report (Keynote Address)
by Prof. Jochen Pfalzgraf, Dept. of Computer Science, University of Salzburg, Austria

A New Approach on Effectively Constructing Transformation Steps for Base Diagram Manipulation in Multiagent Systems
by Dipl.-Ing. Thomas Soboll, Dept. of Computer Science, University of Salzburg, Austria

Cybernetic Models of Inventory Control
by Docent Dr. Ladislav Lukaš, University of West Bohemia in Pilsen, Czech Republic.

A Handy Random Number Generator
by Dr. S. K. Bhattacharyya, Supercomputer E. & R. Center, Indian Inst. of Science, Bangalore, India

Graphical Representation of Digital Signatures
by Mr. Dibakar Pal, Independent Scholar, India

The RFID Services Optimization Scheduling Method
by Dr. Whe Dar Lin, The Overseas Chinese Institute of Technology, Taichung, Taiwan,