

Tuesday, July 31, 2007

9:00 – 17:30

Hall F

**Symposium on Systems Research in Mathematics, Logic, Informatics,
AI Modeling and Cognition – Keynote Addresses**

Joint Chairs: Prof. Michele Malatesta, Univ. degli Studi di Napoli Federico II, Napoli, Italy
Prof. Felipe Lara-Rosano, President of the Mexican Academy of Sciences, and
CCADET, The National University of Mexico (UNAM) Mexico City, Mexico

The Extended Observer Revisited

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

A Classical Three-Valued Logic

by Prof. Michele Malatesta, Univ. degli Studi di Napoli Federico II, Napoli, Italy

A Hierarchical Logical Structure of Information in the Cell

by Dr. Jorge Carrera, National University of Mexico (UNAM), Mexico City, Mexico

Logic of Systems with Big Numbers with Atomic Sentences

by Dr. Arturo Graziano Grappone, METALOGICON, Rome, Italy

The Lessons from a Study of Ten Notational Systems

by Dr. Jeffrey G. Long, San Francisco, California, USA

LUNCH BREAK 12:00 – 14:00

Models of the Stock Indexes and Exchange Rates Differences

by Dr. Jaroslav Potměšil, University of Western Bohemia, Pilsen, Czech Republic

Modeling of Inventory Control Processes

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

Almost Periodic Oscillations and Waves in Various Classes of Dynamic Systems

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

Cognitive Aspects of Fractal Time

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

Evocation Processes in an Artificial Tectal Column

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

Consciously Looking for Conscience

by Prof. Tudor Niculiu, Politecnica University of Bucuresti, ETTI, Bucurest, Romania

DISUSSION