

Tuesday, August 4, 2015

14:00-18:00

Hall E

SYMPOSIUM

on

Open Problems in Anticipative Models of Physical and Living Systems - PART I

Organized and Chaired by **Dr Ir Daniel M. DUBOIS**

An Anticipatory Model for Self-Organization of Random Boolean Networks toward Criticality

by Prof. Taichi Haruna, Graduate School of Science, Kobe University, Kobe, Japan

Coherent Frequencies and Anticipation in Living Systems

by Dr. Cyril W. Smith (Retired), Ellesmere Park, Eccles, Manchester, England.

The Reliability and Risk Associated with the Maintenance of Bridges

by Prof. Khalid Aboura, Department of Quantitative Methods, College of Business Administration, University of Dammam, Saudi Arabia

Waves and anticipatory effects in constitutive equations of continuum Mechanics

by Péter B. Béda, Budapest University of Technology and Economics, Budapest, Hungary

COFFEE BREAK

Multivalued Aspects of Anticipation

by Pro. Dr. Alexander Makarenko, Institute for Applied System Analysis at National Technical University of Ukraine (KPI), Prospect Peremogy 37, Building 35, 03056, Kyiv-56, Ukraine

Discrete models of hypertext for semantic clustering of web resources

by Prof. Alexander A. Sytnik, Dr. Sergey V. Papshev, Dr. Vladimir S. Salin, Saratov State Technical University, 77 Polytechnicheskaya st., 410054 Saratov, Russia

Social behavioral conversion with anticipating agents

by Dr. Eugene S. Kitamura, Dept. of Earth and Planetary Sciences, Kobe University, Japan,
Dr. Tetsuya Matsui, National Institute of Informatics, Tokyo, Japan,
Dr. Akira Namatame, Dept. of Computer Sci., National Defense Academy, Yokosuka, Japan,
Dr. Yukio-Pegio Gunji, Sch. of Fundamental Sci. & Engg., Waseda University, Tokyo, Japan

Natural Self-Organization and Artificial Intelligence

by Dr. Peter Marcer, Le Richelieu, 139 Ave du 15ieme Corps, 83700, St Raphael, France
Dr. Peter Rowlands, Physics Department, University of Liverpool,
Oliver Lodge Laboratory, Oxford St, Liverpool, UK