

# 5TH PH.D. SCHOOL - CONFERENCE

## «MATHEMATICAL MODELLING OF COMPLEX SYSTEMS»



20 - 30 July, 2015, Patras, Greece

University of Patras Conference Center (<http://www.confer.upatras.gr>)  
<http://www.math.upatras.gr/~phdsch15>

### LECTURE MODULES AND SPEAKERS:

#### I. Fundamental Concepts of Complexity

*G. Nicolis (Brussels), C. Grebogi (Aberdeen), V. Basios (Brussels), J.J.P. Veerman (Portland)*

#### II. Global Systems Science and Complex Networks

*A. Barrat (Marseille), J. Johnson (London), A. Provata (Athens), M. Boudourides (Patras)*

#### III. Complex Physical and Chemical Systems

*I. Procaccia (Rehovot), H. Skokos (Cape Town), G. Tsironis (Heraclion), M. G. Velarde (Madrid), L. Vlahos (Thessaloniki), J. P. v.d. Weele (Patras), Y. Kevrekidis (Princeton), M. Robnik (Maribor)*

#### IV. Complexity in Biological and Social Sciences

*E. Schöll (Berlin), P. Tass (Jülich), A. S. Fokas (Cambridge), A. Carbone (Torino) J. - L. Deneubourg (Brussels)*

### APPLICATIONS:

Interested postgraduate (but also advanced undergraduate) students are asked to apply by e-mail (with CV and letter of intent) at the latest by May 15 to the Chairman of the Organizing Committee, Professor Tassos Bountis, Department of Mathematics, University of Patras, [tassos50@otenet.gr](mailto:tassos50@otenet.gr).

### REGISTRATION AND FINANCIAL MATTERS

The registration fee of 250€ covers all printed material, social activities and coffee breaks. Limited financial support can be provided to deserving students after

sufficient justification. Comfortable single/double rooms will be provided to students at the "Stavropoulos" Foundation housing facilities, at the fee of 15 euros per day, <http://www.stavropouloufound.gr>.

### LOCAL ORGANIZING COMMITTEE:

Dr. Astero Provata (NCSR Demokritos, Athens). Prof. Giorgos Tsironis (University of Crete and FORTH, Heraklion), Prof. Tassos Bountis (Chairman, University of Patras), Dr. Ioanna Hitzanidi, Dr. Helen Chriistodoulidi, Dr. George Kanellopoulos, Evelyn Panagakou and Vassilis Kanas.