ECCS '06



EUROPEAN CONFERENCE ON COMPLEX SYSTEMS

25-29 SEPTEMBER 2006 AT SAID BUSINESS SCHOOL

INVITED PLENARY SPEAKERS

• Henri Atlan, EHESS, Paris (France)

ECCS '06 – TOWARDS A SCIENCE OF COMPLEX SYSTEMS This is the annual conference of the European Complex Systems Society, and includes invited speakers who are widely recognised as leaders in their respective fields of research, as well as multi-track sessions for the presentation of high quality, peer-reviewed papers which reflect some of the most exciting research presently underway on complex systems. The orientation of this conference is highly interdisciplinary, and we aim to mix together a broad range of disciplines and a variety of rigorous research methods in a way that will stimulate new ideas, and help build the complex systems research community. The main broadly defined topics that have been identified for this conference are:

- Dennis Bray, University of Cambridge (UK)
- Eric Goles, Institute for Complex Systems, ISCV, Valparaiso (Chile)
- Matthias Kaiserswerth, Vice President IBM Research (Switzerland)
- Holger Kantz, Max-Planck Institute for the Physics of Complex Systems (Germany)
- Cris Moore, University of New Mexico and Santa Fe Institute (USA)
- David Mumford, Brown University (USA)
- Rolf Pfeifer, University of Zurich (Switzerland)
- Sander van der Leeuw, Arizona State University and Santa Fe Institute (USA)
- Alessandro Vespignani, University of Indiana at Bloomington (USA)
- Marcelo Viana, IMPA (Brazil)

OUTLINE TIMETABLE

Monday, September 25th – Wednesday, September 27th Mornings: Invited Plenary Talks Afternoons: Multi-session tracks for submitted papers

Wednesday, September 27th Evening: Conference banquet dinner, Christ Church, Oxford

Thursday, September 28th – Friday, September 29th Mornings and Afternoons: Satellite Workshops

PROGRAMME COMMITTEE CHAIRS

- Peter Schuster, University of Vienna (Austria) Programme Committee Chair
- Felix Reed-Tsochas, University of Oxford (UK) Local Chair and Programme Committee Vice-Chair
- Jürgen Jost, Max Planck Institute for Mathematics in the Sciences, Leipzig (Germany) Programme Chair-Elect ECCS '07

- Biology and Cognition
- Concepts and Methods
- Networks
- Social and Economic Systems

Empirical studies of complex systems have made substantial progress in recent years as a result of the rapidly increasing mass of data which has become accessible and manageable in many application domains through technological advances. At the same time, it seems that radically different disciplinary domains now share many new and fundamental theoretical questions. The conjunction of these two trends should encourage the interdisciplinary development of a new science of complex systems.

Phanerochaete velutina Image courtesy of M. Tlalka, S.C. Watkinson, P.R.Darrah and M.D. Fricker Research supported by BBSRC and NERC

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