

# **E C C S ' 10 - European Conference on Complex Systems**

Lisbon, September 13-17, 2010

**1st CALL FOR PAPERS - submissions deadline  
February 15, 2010**

The main goal of the ECCS'10 conference is to stimulate and facilitate the presentation and discussion of new ideas, methods, and approaches related to different domains, both theoretical and applied, in the general area of Complex Systems research. Previous ECCS conferences have provided an excellent environment allowing the propagation of new ideas to a large audience, leading to the publication of papers in several journals (see, for instance, <http://eccs09.info/> ).

\*\*\*\* SCOPE \*\*\*\*

The range of domains that ECCS has dealt with, and continues to deal with, is diverse, concerning a variety of Complex Systems research areas. The ECCS'10 main conference is organized in the following tracks:

### **\* Track A: Policy, Planning & Infrastructure**

Policymaking; Urban Planning; Internet; Transport & Power Networks; Medical & Health Systems.

### **\* Track B: Collective Human Behaviour and Society**

Philosophy of Science; Economics & Finance; Sociology; Psychology; Game theory.

### **\* Track C: Interacting Populations and Environment**

Climate Change; Pollution; Demography; Ecology; Epidemiology.

### **\* Track D: Complexity and Computer Science**

Natural and Pervasive Computing; Global Computing Infrastructure; Swarms and Robot Teams; Mobile and Fleet Computing; Graphs and Neural Networks; Language and Cognition; Collaborative Human Computer Networks.

### **\* Track E: From Molecules to Living Systems**

Self-assembly & Self-organisation; Biochemistry, Cell Biology, Neuroscience; Systems Biology; Medicine & Physiology.

### **\* Track F: Mathematics and Simulation**

Mathematics; Theoretical Physics; Modelling; Theory of Simulation (both numerical mathematics and agent based); Network Theory.

\*\*\*\* SUBMISSIONS \*\*\*\*

The ECCS'10 Organising Committee invites paper submissions for the ECCS'10 main conference, taking place in Lisbon from 13-17 September 2010.

All submitted papers must be formatted according to the instructions and templates available in the conference website. Long papers, which correspond to a 40min talk at ECCS'10, should have 12 pages maximum. Short papers, which correspond to a 20min talk at ECCS'10, should have no more than 6 pages.

Papers should be submitted via the MyReview System (<http://myreview.eccs2010.eu/>).

\*\*\*\* IMPORTANT DATES \*\*\*\*

February 15, 2010 - Paper submission deadline

April, 2010 - Paper reviews and notification of paper acceptance

June 30, 2010 - Poster submission deadline

September 13, 14 and 17, 2010 - ECCS'10 Main Conference

September 15 and 16, 2010 - ECCS'10 Satellite Meetings

\*\*\*\* ORGANISATION \*\*\*\*

Conference Organising Chair:

Jorge Louçã (Lisbon University Institute)

Conference Programme Chair:

Tsou Sheung Tsun (University of Oxford)

Complex Systems Society:

Jeffrey Johnson (Open University; President of the CSS)

Conference Programme Committee: TBA

Complex Systems Society Conference Steering Committee members:

Markus Kirkilionis (Warwick; Committee Chair)

Fatihcan Atay (Leipzig)

Jürgen Jost (Leipzig)

Scott Kirkpatrick (Jerusalem)

David Lane (University of Modena and Reggio Emilia)

Andreas Lorincz (Hungarian Academy of Sciences)

Denise Pumain (Sorbonne)

Felix Reed-Tsochas (Oxford)

Eörs Szathmáry (Collegium Budapest)

Stephan Thurner (Wien)

Paul Verschure (Barcelona)

Alessandro Vespignani (Indiana, ISI)

Riccardo Zecchina (Torino)

Questions should be addressed to the ECCS'10 Organizing Committee through the e-mail address [eccs2010@eccs2010.eu](mailto:eccs2010@eccs2010.eu) or using the contact form in the conference website.

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ECCS'10 - European Conference on Complex Systems - [eccs2010.eu](http://eccs2010.eu)

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