

Call for Papers for:

## ESSA 2009

*The 6<sup>th</sup> Conference of the European Social Simulation Association*

*14-18 September 2009, Univ. of Surrey, Guildford (just outside London), UK*

*Deadline for submissions: 14<sup>th</sup> April, 2009*

<http://cress.soc.surrey.ac.uk/essa2009>

### The Conference

Computer simulation is a powerful tool for helping us understand aspects of society (both observed and in the abstract). However, how best to do this and under what conditions it is useful are still open questions.

ESSA 2009 will, like its predecessors, attract the best papers from across the world, describing the newest and most significant social simulation work. The papers will cover a wide range of social subjects: human, animal and artificial, and apply a wide range of simulation techniques. The methodology and, indeed, the very nature of the enterprise will be discussed and debated. The simulations described will go from the abstract to the specific and practical. Results and ideas from social simulation are starting to inform real life decisions (for good or ill) and there will be, no doubt, considerable discussion about this. A hot issue will be how and when one should compare a simulation to evidence.

Social Simulation seems to be at a "tipping point" between revolutionary and normal science where it is trying to introduce more care and rigour into its methods. Come to participate in the formation of a new science!

The invited speakers are:

- **Mark Bedau**, Professor of Philosophy and Humanities, Reed College and Editor of *Artificial Life*
- **Jim Doran**, Emeritus Professor of the Univ. of Essex and one of the founders of Social Simulation
- **Tim Kohler**, Professor in the Dept. of Anthropology, Washington State University and Santa Fe

### Submission of papers

Reasonably mature papers on all aspects of social simulation will be carefully and anonymously considered — however most papers will (1) describe an individual/agent-based computer simulation (2) exhibit the outcomes of running the simulation in more than a cursory way and (3) make some comparison of these with either: evidence from, or other models of, social phenomena (human, animal or artificial). The ultimate goal of social simulation is to use computer simulations to increase our understanding of observed social phenomena — papers will be judged on their long-term contribution to this project.

[Notes: Purely philosophical papers will be accepted if of exceptional importance but there is a specialist series of workshops for such papers (the "EPOS" [workshops](#)). Papers concerned with the social phenomena of exchange (i.e. those with an economic subject) are *welcome* and will be considered equally to all others, but be aware there are different standards of judgement in social simulation: in particular, modelling assumptions are expected to be more credible at the micro level; and they are generally individual-based, focussing on the interaction between actors.]

If you are in doubt as to the relevance of a paper, you may email the Scientific Chair for his opinion; however decisions about relevance will be made by the Programme Committee.

You can submit either full papers (12 pages) or short papers (6 pages). These will be anonymous and reviewed by 2-5 reviewers on the usual criteria of relevance, soundness, significance, and readability. Full papers will be presented either during plenary sessions or the parallel sessions, depending on their evaluation. They will be considered also for the post-proceedings publication.

Short papers will be considered only for parallel sessions. All the accepted papers will be included in the ESSA 2009 electronic proceedings.

The Deadline for all submissions is **14<sup>th</sup> April 2009**. See the website for full details on submission: <http://cress.soc.surrey.ac.uk/essa2009/submission.php>

## Student Papers

PhD students who wish to be considered for a bursary or award and who are the principal author of a submitted paper should indicate this by choosing the appropriate option during the electronic submission procedure.

There will be up to 5 bursaries each worth £500 (c. €600) available for PhD students who are the principal author of an accepted paper. To be eligible the student must attend the conference; be a paid-up member of ESSA; and not have access to other sources of funding.

Separately, all PhD students who are principal authors will be considered for a “Best Student Paper – ESSA 2009” award at the conference.

## The Venue

The conference will be held at the University of Surrey, Guildford. The Sociology Department of the University of Surrey is rated as one of the top centres for sociological research in the UK. The Centre for Research in Social Simulation (CRESS) there has been crucial for the development of social simulation across the world, hosting the seminal workshops in 1992 and 1994 as well as being home to the *Journal of Artificial Societies and Social Simulation*.

## Organizing Committee

The conference chair is **Nigel Gilbert**, University of Surrey, UK

Other members of the organising committee are:

- Edmund Chattoe, University of Leicester, UK
- Bruce Edmonds, Manchester Metropolitan University, UK
- Fred Amblard, University of Toulouse 1, France
- Flaminio Squazzoni, University of Brescia, Italy
- Lu Yang, University of Surrey, UK (Admin)

## The Programme Committee

A large program committee has been chosen, representing the top social simulation academics from across the world, covering a large variety of different views and approaches. The scientific chair is Bruce Edmonds of the Centre for Policy Modelling in Manchester, UK. Other members include (in alphabetical order):

- *Iqbal Adjali*, Unilever Corporate Research UK
- *Petra Ahrweiler*, Universitat Hamburg, Germany
- *Shah Alam*, University of Michigan, USA
- *Frederic Amblard*, CNRS IRIT, France
- *Giulia Andrighetto* ISTC CNR, Italy
- *Luis Antunes*, GUESS/Univ. Lisboa, Portugal
- *Istvan Back*, University of Groningen, Hungary
- *Joao Balsa*, GUESS/Univ. Lisboa, Portugal
- *Olivier Barreteau*, Cemagref, France
- *Mark Birkin*, University of Leeds, UK
- *Orjan Bodin*, Stockholm Resilience Centre, Sweden
- *Riccardo Boero*, University of Torino, Italy
- *Rafael H Bordini*, University of Durham, UK
- *Seth Bullock*, University of Southampton, UK

- *Edmund Chattoe-Brown*, University of Leicester, UK
- *Helder Coelho*, FCUL, Portugal
- *Nuno David*, ISCTE, Portugal
- *Paul Davidsson*, Blekinge Institute of Technology, Sweden
- *Guillaume Deffuant*, Cemagref, France
- *Virginia Dignum*, Utrecht University, The Netherlands
- *Alexis Drogoul*, IRD, Vietnam
- *Julie Dugdale*, IRIT, France
- *Andreas Ernst*, CESR, Germany
- *Giorgio Fagiolo*, Sant'Anna School of Advanced Studies, Italy
- *Thomas Fent*, IDEAS, Austria
- *Andreas Flache*, ICS University of Groningen The Netherlands
- *Ulrich Frank*, University of Duisburg-Essen, Germany
- *Armando Geller*, Carnegie Mellon, UK
- *Francesca Giardini*, Institute of Cognitive Sciences and Technologies - CNR, Italy
- *Nigel Gilbert*, University of Surrey, UK
- *Laszlo Gulyas*, Aitia International Inc., Hungary
- *David Hales*, Delft University of Technology, The Netherlands
- *Lynne Hamill*, University of Surrey, UK
- *Richard Harrison*, University of Texas, USA
- *Takashi Hashimoto*, School of Knowledge Science, Japan Advanced Institute of Science and Technology, Japan
- *Rainer Hegselmann*, Bayreuth University, Germany
- *Charlotte Hemelrijk*, University of Groningen, The Netherlands
- *Cesareo Hernandez Iglesias*, University of Valladolid, Spain
- *Luis Izquierdo*, Universidad de Burgos, Spain
- *Wander Jager*, University of Groningen, The Netherlands
- *Marco Janssen*, Arizona State University, USA
- *Jean-Daniel Kent*, Pierre and Marie Curie - Paris VI France
- *Christophe Le Page*, CIRAD, Thailand
- *Adolfo Lopez-Paredes*, INSISOC, Spain
- *Ugo Merlone*, University of Torino, Italy
- *Ruth Meyer*, Manchester Metropolitan University, UK
- *Michael Moehring*, University of Koblenz, Germany
- *Scott Moss*, Manchester Metropolitan University, UK
- *Paul Ormerod*, Volterra Consulting, UK
- *Javier Pajares*, INSISOC, University of Valladolid, Spain
- *Mario Paolucci*, Institute of Cognitive Sciences and Technologies, Italy
- *Domenico Parisi*, ISTC CNR, Italy
- *Juan Pavon* Universidad Complutense Madrid, Spain
- *Gary Polhill*, The Macaulay Institute, UK
- *Camille Roth*, CNRS, France
- *Juliette Rouchier*, CNRS-GREQAM, France
- *Nicole Saam*, University of Muenchen, Germany
- *Jordi Sabater Mir*, IIIA-CSIC, Spain
- *Keith Sawyer*, Washington University, US
- *Frank Schweitzer*, ETH Zurich, Switzerland
- *Christophe Sibertin-Blanc*, CNRS-IRIT, France
- *Jaime Sichman*, University of Sao Paulo, Brazil
- *Alex Smajgl*, CSIRO Sustainable Ecosystems, Australia
- *Flaminio Squazzoni*, University of Brescia, Italy
- *Richard Taylor*, Stockholm Environment Institute, UK
- *Oswaldo Teràn* Universidad de Los Andes, Venezuela
- *Pietro Terna*, University of Torino, Italy

- *Klaus G Troitzsch*, University of Koblenz-Landau, Germany
- *Bogdan Werth*, Manchester Metropolitan University, UK
- *Kees Zoethout*, University of Groningen, The Netherlands

## Contact

For queries about the organisation of the conference, bookings, travel etc. see <http://cress.soc.surrey.ac.uk/essa2009/contactUs.php> and for the submission of papers, the reviewing process or the programme, <mailto:essa2009@cfpm.org>