

## Call for Papers ESSA 2013

### 9th Conference of the European Social Simulation Association

<http://www.essa2013.org>

Warsaw School of Economics, Warsaw, Poland, September 16-20, 2013

## Introduction

The European Social Simulation Association and Warsaw School of Economics, Division of Decision Analysis and Support, invite researchers and scholars interested in applications and theoretical foundations of simulation modeling in social sciences to participate in the 9th European Social Simulation Association Conference.

The conference aims to provide an interdisciplinary forum for social scientists, theorists, applied researchers and simulation modelers to cooperate and exchange ideas concerning state of the art in methods and applications of computational social sciences.

## Scope and Interests

The topics of interest include, but are not limited to:

- Applications of agent-based modeling in social sciences
  - Agent-based computational economics & finance
  - Conflict resolution & cooperation
  - Coupled human-natural systems
  - Diffusion of innovations
  - Dynamics of trust, social norm, structures, reputation & opinion
  - Epidemiology & pharmacoconomics
  - Group decisions & collective behaviors
  - Market design, mechanism design & auctions
  - Privacy, safety & security
  - Public policy & regulatory issues
  - Resource management, environmental practices & policy
  - Social emergence & evolution of institutions
  - Social media and volunteered information
  - Social networks and their dynamics
- Tools and methods for development of simulation models
  - Advanced distributed computing
  - Agent ontologies
  - Agent-embodied Artificial Intelligence
  - Model replication, verification & validation
  - Participatory & Human-in-the-Loop simulations
  - Simulation software & programming computational frameworks
- Techniques for visualizing, interpreting and analyzing simulation outputs
  - Coupling simulations and optimization methods
  - Data analysis software for simulations
  - Experiment design and data farming for simulations
  - Simulation metamodels
  - Statistical & data mining techniques for simulated data

## Submission

- **Full paper** – in the length of 10 to 12 pages, which should be comprehensive and consists of detailed presentation of theory, methodology and simulation results
- **Extended abstract** – in the length of 3 to 4 pages, which presents the current topic in progress with enough detail to ensure proper evaluation
- **Poster** – should present the current work in progress

Contributions can be submitted to **general session** or the following special tracks:

- Adaptive behavior, social interactions and global environmental change: an agent-based perspective  
(chairs: T. Filatova, G. Polhill, R. van Duinen)
- Applications of computational social science to business strategy and organizational behavior  
(chair: M. Łatek)
- Applications of computational social science in conflict and sensitive contexts  
(chair: A. Geller)
- Heterogeneity and interaction in macroeconomic modeling  
(chair: G. Koloch)
- Social simulation of science processes  
(chair: F. Squazzoni)
- Statistical analysis of simulation models  
(chair: B. Kamiński)
- Using qualitative data to inform behavioral rules  
(chair: B. Edmonds)

## Paper publication

Accepted full papers will be published by Springer in the conference proceedings series “Advances in Intelligent Systems and Computing”, <http://www.springer.com/series/11156> (indexed by ISI Proceedings, DBLP, Ulrich's, EI-Compendex, SCOPUS, Zentralblatt Math, MetaPress, Springerlink). Full papers must have at least one author who has registered for the conference with payment by 1st June 2013 for the paper to appear in the proceedings.

Authors of selected full papers or extended abstracts will be invited to submit their extended version for special issue of Central European Journal of Economic Modelling and Econometrics, <http://cejeme.org/> (indexed by IndexCopernicus, IC Value in 2011: 4.85 and RePEc).

Full paper abstracts, extended abstracts and poster summaries will be presented on conference website.

All PhD students, who are principal authors will be considered for a "Best Student Paper - ESSA 2013" award (350 EUR) and the "Best Student Poster - ESSA 2013" (150 EUR) at the conference.

## Important dates

- **Registration opens:** 1st January 2013
- **Paper submission closes:** 1st March 2013
- **Notification of acceptance:** 15th April 2013
- **Final manuscript due:** 15th May 2013

## Conference fees

Category	Early registration (before 1st June 2013)	Late registration (after 1st June 2013)
Students*	125 EUR	175 EUR
ESSA members	275 EUR	325 EUR
ESSA non members	325 EUR	375 EUR
Business	425 EUR	475 EUR

\* In case of students not being completely funded by the home institution ESSA will offer up to 5 bursaries each worth up to 500 EUR to PhD students, who are the principal author of an accepted paper.

Fees include coffee breaks, lunch (Tuesday to Friday), proceedings, ice breaker on Monday and Dinner on Thursday. Conference fees do not include fees for excursions on Wednesday.

Payment method procedure will be described in *Registration* section on conference website.

## Accompanying ESSA@work workshop

On Monday, 16 September 2013, the 2nd ESSA@work workshop will take place. For further information about content, submission, important deadlines etc., please visit <http://essa2013.org/index.php?id=6>.

## Organizing committee

Decision Support and Analysis Division, Warsaw School of Economics, Poland

Bogumił Kamiński (chair), Tomasz Kuszewski, Marek Antosiewicz, Grzegorz Koloch, Marta Rószkiewicz, Przemysław Szufel, Mateusz Zawisza, Maciej Łatek (CSSSA Liaison to ESSA)

## Contact

Local organizing committee contact: [contact@essa2013.org](mailto:contact@essa2013.org)