

AESCS 2013

The 8th International Workshop on Agent-based Approaches in Economic and Social Complex Systems



September 11-13, 2013

Shibaura Institute of Technology, Tokyo, Japan

1st Call for Papers

AESCS 2013

The 8th International Workshop on Agent-based Approaches in Economic and Social Complex Systems

Workshop dates: September 11–13, 2013

Location: Shibaura Institute of Technology, Tokyo, Japan

3-7-5 Toyosu, Koto-ku, Tokyo 135-8548 Japan [[Access](#)]

Workshop website: <http://www.paaa.asia/aescs2013/>

Aim:

Social sciences are now on a new stage. One of the promising methodologies is agent-based modeling. Pan-Asian Association for Agent-based Approach in Social Systems Sciences (PAAA) is the Pan-Asian regional platform to explore the frontiers.

AESCS 2013, the regular conference of PAAA, mainly focuses on applications of agent-based technologies to social complex systems. Conference participants will present the latest results of various researches, and discuss emergent phenomena and modeling issues of social complex systems, which will provide further understanding on social complex problems with agent-based technologies. AESCS 2013 will also give opportunities to discuss the effectiveness and limitations of computational models and methodologies for social sciences.

Important Dates:

- March 11, 2013: Paper submission deadline
- June 11, 2013: Acceptance/Rejection notification
- July 31, 2013: Camera-ready copies of accepted papers due
- July 31, 2013: Early registration deadline
- September 11–13, 2013: Conference dates

Post-Conference Publication:

Selected papers presented in AESCS 2013 will be published by Springer as a series of Agent-Based Social Systems (ISSN: 1861-0803, <http://www.springer.com/series/7188>).

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Topics:

The topics include, but are not limited to:

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| 1) <u>Formal Theories on Agent-based Approaches</u>
Theories on rationality, intention, and emotion;
Social behaviors, social action, and social interaction;
Mathematical organization theory | 5) <u>Collective Intelligence</u>
Collective decision and behaviors;
Emergent intelligence;
Social intelligence |
| 2) <u>Computational Economics and Organization</u>
Theory
Agent-based computational economics and finance;
Computational organization theory; | 6) <u>Applications of Agent-based Modeling</u>
Organization and industrial design;
Service sciences;
Medical and insurance systems;
Public policies;
Spatial modeling and pedestrian modeling;
Innovation diffusion and management;
Market dynamics and consumer behavior;
Social networks and their dynamics;
Prevention of disasters, epidemic diseases and finance collapse; |
| 3) <u>Modeling, Simulation and Validation Techniques</u>
Toolkits and methods for agent-based simulation;
Large scale social simulation;
Validation and verification of simulation results and simulation systems; | 7) <u>Conceptual Model and Methodologies</u>
Conceptual modeling of agent-based approach;
Philosophical issues of agent-based modeling |
| 4) <u>Gaming Simulation</u>
Gaming simulation;
Participatory simulation; Hybridization of agent-based simulation and gaming simulation; | |

Committee:

Workshop Chair:	Takao Terano	Tokyo Institute of Technology, Japan
Organizing Committee Chair:	Yutaka Nakai	Shibaura Institute of Technology, Japan
Program Committee Chair:	Yuhusuke Koyama	Shibaura Institute of Technology, Japan

Query Address:

aescs2013 [at] paaa.asia

Details of conference information will be announced soon.

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