

Call for Papers

Special Track on:

„Computational Economics: Using simulation-based techniques to reflect on economic theory“

Social Simulation Conference 2018

August 20-24, 2018

Stockholm, Sweden

Call for Papers

We sincerely invite you to submit a paper to the special session on **Computational Economics: Using simulation-based techniques to reflect on economic theory** to be held at the **Social Simulation Conference 2018**.

There is a long and stunning history on economic thought, which, during the last decades, for not to say centuries, has led to the development of a large number of economic theories. At the same time, existing theories have frequently been criticized for (sometimes) rather restrictive assumptions regarding, e.g., individual characteristics, and the distribution and availability of rather specific pieces of information. On the one hand, these assumptions can be seen as virtue as they allow for rigorous closed-form solutions of economic models. On the other hand, these assumptions might be regarded as pitfall, as the theories' capability to explain empirical phenomena might be limited. It is, for instance, the empirical principal-agent literature which characterizes normative principal-agent theory as being far from reality. This discrepancy has also been discussed as an aspect of the science-practice divide.

Recent developments — like the rise of new research methods, such as (agent-based) simulation — has opened up entirely new possibilities for research in the academic field of Economics. These assumptions allow, for instance, for further enriching economic models with empirically sound assumptions. To do so might not only be of substantial importance for the further development of economic theory but might also help to bridge the gap between research and practice. Moreover, the recent advancement in research methods allows to study economic models from an interdisciplinary perspective and — by doing so — contributes to bridging a disciplinary divide. The recent literature, for instance, strives for integrating findings from the academic field of Psychology into economic models.

The **aim of this special track** is to facilitate the meeting of people who work in the field of Economics (as well as adjacent fields) and who employ simulation-based approaches. We aim at providing a multidisciplinary forum for the presentation and discussion of recent research findings which challenges economic models by integrating empirically sound assumptions and integrating findings from other disciplines. The special track has the ultimate objective to promote the further development of economic theory.

Submission

We welcome the submission of **Extended Abstracts** (3-4 pages; short oral presentation) and **Full Papers** (max. 12 pages, long oral presentation). All work must be original, i.e. must not have appeared in conference proceedings, books, or journals and may not be under review for other archival conferences, books, or journals.

All accepted submissions will be included in the **proceedings** (the Organizing Committee is in contact with Springer) unless the author(s) choose(s) otherwise. A number of full papers will be invited to submit revised versions to various journals with which the Organizing Committee is in contact with (e.g. JASSS, JAAMAS).

Please submit your papers through the [EasyChair system](#).

Conference Venue

The conference will be held in Stockholm, Sweden. Details on the conference venue and some practical information can be found at the [conference homepage](#).

Important dates

Submission deadline:	March 30, 2018
Notification of acceptance:	May 14, 2018
Camera-ready version of papers & extended abstracts:	June 11, 2018

Homepages

Conference homepage:	<u>http://ssc2018.dsv.su.se</u>
Submission page:	<u>https://easychair.org/</u>
European Social Simulation Association (ESSA):	<u>http://www.essa.eu.org</u>

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