

Call for Contributions

Note: Onsite and Online Options

In order to accommodate a large number of situations, we are offering the option for either physical presence or virtual participation. We would be delighted if all authors manage to attend in person, but are aware that special circumstances are best handled by having flexible options.

Submission:

1. Inform the Chairs: with the Title of your Contribution

2. Submission URL:

<https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=SIMUL+2020+Special>

Please select Track Preference as **ABM-MEPM**

Special track

ABM-MEPM: Agent-based models in Managerial Economics and Policy Making

Chair and Coordinator

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along with

SIMUL 2020, The Twelfth International Conference on Advances in System Simulation

October 18, 2020 to October 22, 2020 - Porto, Portugal

<https://www.iaria.org/conferences2020/SIMUL20.html>

Agent-based Modeling (ABM) is a bottom-up analysis methodology. It allows the creation of "artificial societies" in which many entities, endowed with rules at the micro-level, interact within an environment and create a — not necessarily linear — aggregate behavior. This peculiarity, along with the great freedom in the definition of these models, makes ABM a particularly suitable tool to study issues within the domain of social sciences at large. The rules on the micro-level are best derived from empirical data or, where these cannot be collected, from stylized facts.

The aim of this collection is to present both theoretical and practical studies and applications of ABM, specifically applied to the areas of both Management and political strategies.

For the former topic, the submitted works should mainly deal with the investigating of strategic corporate aspects (both endogenous and exogenous), such as – but not limited to - collaboration strategies, promotion and marketing strategies, capital budgeting policies, business process reengineering, manufacturing, supply chain management, risk analysis, innovation and product development and those, at a broader level, belonging to international, national or regional economy.

For the latter topic, the submitted works should mainly deal with the investigation of strategic aspect, such as, for instance coping with contemporary challenges, like as climate change, pandemics, migration, both at international and national/regional levels.

Topics include, but not limited to:

- For Management
 - Presents specific models, both conceptual and practical, both general and specific, applied to any field of strategic business management and economics;
 - Studies the macro/market effects of a given enterprise-level strategy;
 - Analyses the connection between a business unit and the rest of the firm;
 - Explores theoretical management topics by means of ABM;

- Discusses real systems studied with this approach;
 - Deals with the validation of ABM models applied to the mentioned fields;
 - Demonstrates a clear significance and contribution to advancing knowledge in the area of application;
 - Provides hints for decision-making within firms and within supply chains, preferably in a world where supply chains are likely to break due to pandemics, war, and the loosening of ties that used to be guaranteed by, for instance, the WTO or the EU (e.g., in the context of Brexit).
- For Policy Making:
 - Presents specific models, both conceptual and practical, both general and specific, applied to any field of policymaking;
 - Studies the effects on different levels such as regional, national and international Analyses the connection between a national state and a regional unit (e.g., United Kingdom/Scotland or Spain/Cataluña);
 - Discusses real systems studied with this approach;
 - Deals with the validation of ABM models applied to the mentioned fields;
 - Demonstrates a clear significance and contribution to advancing knowledge in the area of application;
 - Provides hints for decision making within and between different branches and levels of government and administration, for instance, under the aspect of the executability of legislation (e.g., rules enacted by international, national, and regional authorities in times of crisis).

Important Datelines

Inform the Chairs (see Contacts below): as soon as you decide to contribute

Submission: August 24

Notification: September 13

Registration: September 23

Camera-ready: September 23

Contribution Types

- Regular papers [in the proceedings, digital library]
- Short papers (work in progress) [in the proceedings, digital library]
- Posters: two pages [in the proceedings, digital library]
- Posters: slide only [slide-deck posted on www.iaria.org]
- Presentations: slide only [slide-deck posted on www.iaria.org]
- Demos: two pages [posted on www.iaria.org]

Paper Format

- See: <http://www.iaria.org/format.html>

- Before submission, please check and comply with the editorial rules: <http://www.iaria.org/editorialrules.html>

Publications

- Extended versions of selected papers will be published in IARIA Journals: <http://www.iariajournals.org>
- Print proceedings will be available via Curran Associates, Inc.: <http://www.proceedings.com/9769.html>
- Articles will be archived in the free access ThinkMind Digital Library: <http://www.thinkmind.org>

Paper Submission

<http://www.iariasubmit.org/conferences/submit/newcontribution.php?event=SIMUL+2020+Special>

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Registration

- Each accepted paper needs at least one full registration, before the camera-ready manuscript can be included in the proceedings.

- Registration fees are available at <http://www.aria.org/registration.html>

Contacts

Chair

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