



Call for Contributions

Note: Onsite and Online Options

To accommodate many 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+2022+Special>

Please select Track Preference as **SIM-SC**

Special track

SIM-SC: Simulation and Modelling in Supply Chains

Chair and Coordinator

Professor Dr. Frank Herrmann, OTH Regensburg, Germany

Frank.Herrmann@OTH-Regensburg.de

along with

SIMUL 2022, The Fourteenth International Conference on Advances in System Simulation

October 16 - 18, 2022 – Lisbon, Portugal

<https://www.iaria.org/conferences2022/SIMUL20.html>

For enterprises, the control of all processes along the complete supply chain is essential. For many years, almost all enterprises have been using so-called Enterprise Resource Planning systems (ERP systems) for this purpose. Essentially, almost all tasks are performed in close coordination with such ERP systems. Among other things, these systems name the next upcoming orders, record the progress of work by means of confirmation messages and, in some cases, define tasks.

Essentially by parameterizing such an ERP system, it can be used in almost all existing companies. Therefore, it is not surprising that special problems in companies are not solved by such ERP systems. Such ERP systems then serve as a backbone for IT systems used to control companies and special solution tools, which are mainly offered by smaller software companies, are deployed in a company through a connection to such an ERP system.

This motivates more and more researchers to develop concepts (including methods, models, procedures, process techniques) for problems along the supply chain around which ERP systems can be complemented. Often simulation techniques are directly or indirectly integrated into these processes. Presenting examples of such approaches is the subject of this Special Track.

Topics include, but not limited to:

- Simulation of process problems in supply chains
- Modelling of business process problems in manufacturing
- Optimisation of process problems in supply chains
- Solutions of planning problems in supply chains
- Simulation of business processes

These are only suggestions; we welcome papers discussing other issues related to supply chains.

Important Datelines

Inform the Chairs: As soon as you decide to contribute

Submission: Sept 2 (earlier, better)

Notification: Sept 18

Registration: Sept 28

Camera-ready: Sept 28

Note: The submission deadline is somewhat flexible, providing arrangements are made ahead of time with the chair.

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

<https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=SIMUL+2022+Special>

Please select Track Preference as **SIM-SC**

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.iaria.org/registration.html>

Contacts

Chair

Frank Herrmann: Frank.Herrmann@OTH-Regensburg.de

Logistics: steve@iaria.org