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 **SIMMaApp**

Special track

SIMMaApp: The Use of Simulation for Manufacturing Applications

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

For manufacturing companies, the control of manufacturing processes is of essential importance. For many years, almost all companies have been using so-called Enterprise Resource Planning systems (ERP systems) for this purpose. In essence, almost all tasks in production - and beyond - 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 determine production plans.

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.

As a result, more and more researchers are motivated to develop algorithms for industrial problems. Simulation techniques are often directly or indirectly integrated into these processes. To present examples of these aspects is the subject of this special track.

Topics include, but not limited to:
- Modelling of process problems in manufacturing
- Solutions of planning problems in manufacturing
- Simulation of processes in manufacturing

These are only suggestions; we welcome papers discussing other issues related to the manufacturing applications.

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
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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.iaria.org/registration.html

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