



ASIM Dedicated Conference

September 13 – 15, 2023
in Ilmenau, Germany

Europe's largest
conference on
„Simulation in Production
and Logistics“

CALL FOR PAPERS

20. ASIM Dedicated Conference on „Simulation in Production und Logistics“

Every two years, ASIM presents the largest European conference on Simulation in Production and Logistics. Scientific research contributions and interesting application reports from industry show current developments and future-oriented trends from the simulation world.

The thematic focus of the 20th Dedicated Conference is **sustainability in production and logistics**. The conference thus addresses an important social issue and at the same time focuses on current research topics in the world of simulation.

Therefore, applications of simulation for the evaluation and design of sustainable production and logistics systems are of particular interest. The spectrum of methods relevant for the conference ranges from discrete-event simulation methods, which are traditionally the focus of the conference, to hybrid methods and the combination with machine learning methods.

In addition, the conference naturally offers space for the entire spectrum of topics traditionally represented at the conference, covering the entire field of simulation use for the planning, commissioning and operation of factory and logistics systems.

Reports from research and teaching, development and industrial use are deliberately presented on an equal footing. In this constellation, the event offers an ideal platform to exchange ideas with top-class speakers and participants from science and practice, to gain insights into possible applications of simulation, to establish professional contacts and to examine new offers.

The traditionally pleasant and professionally designed environment, the accompanying exhibition and the relaxed evening event effectively support the exchange of ideas between the participants. Technical presentations are possible in German and English language.

We look forward to welcoming you to Ilmenau in September 2023!

Conference Topics

Simulation in the Context of Sustainability

- Energy-efficient Production and Logistics Systems
- Sustainable Mobility Concepts
- Reverse Logistics and Closed Loop Management
- Life Cycle Assessment

Logistics and Supply Chain Simulation

- Intralogistics
- Supply Chains and Production Networks
- Transportation and Traffic

Digital Factory and Industry 4.0

- Digital Twin and Digital Shadow
- Simulation und Data Science
- Virtual Commissioning
- Production Processes
- Human Labor and Personnel Deployment

Methods of Simulation Technology

- Simulation and Optimization
- Verification and Validation
- Hybrid Simulation
- Simulation and Visualization

Conference Committee

Thomas Bauernhansl, Universität Stuttgart (Germany) ■ **Sören Bergmann**, TU Ilmenau (Germany) ■ **Mathias Börs**, SDZ GmbH (Germany) ■ **Thorsten Claus**, IHI Zittau (Germany) ■ **Uwe Clausen**, TU Dortmund (Germany) ■ **Niclas Feldkamp**, TU Ilmenau (Germany) ■ **Johannes Fottner**, TU München (Germany) ■ **Jörg Franke**, FAU Erlangen-Nürnberg (Germany) ■ **Kai Gutenschwager**, Ostfalia HAW (Germany) ■ **Frank Herrmann**, OTH Regensburg (Germany) ■ **Angel A. Juan**, TU Valencia (Spain) ■ **Markus Klug**, SSI Schäfer IT Solutions (Austria) ■ **Bernd Kuhlenkötter**, Ruhr-Universität Bochum (Germany) ■ **Christoph Laroque**, Westsächsische Hochschule Zwickau (Germany) ■ **Lothar März**, Stremler AG (Germany) ■ **Torben Meyer**, Volkswagen AG (Germany) ■ **Bernd Noche**, Universität Duisburg-Essen (Germany) ■ **Sina Peukert**, Karlsruher Institut für Technologie (Germany) ■ **Carsten Pöge**, Volkswagen AG (Germany) ■ **Bastian Prell**, TH Wildau (Germany) ■ **Markus Rabe**, TU Dortmund (Germany) ■ **Tobias Reggelin**, Otto-von-Guericke-Universität Magdeburg (Germany) ■ **Magnus Richter**, TU Ilmenau (Germany) ■ **Andreas Rinkel**, Ostschweizer Fachhochschule Rapperswil (Suisse) ■ **Anna Römer**, IPOL GmbH (Germany) ■ **Oliver Rose**, Universität der Bundeswehr München (Germany) ■ **Johannes Schilp**, Universität Augsburg (Germany) ■ **Andreas Schlegel**, Fraunhofer IWU (Germany) ■ **Monika Schneider**, RSE+ Fabrik Logistik GmbH (Germany) ■ **Peter Schuderer**, TH Ingolstadt (Germany) ■ **Rainer Souren**, TU Ilmenau (Germany) ■ **Sven Spieckermann**, SimPlan AG (Germany) ■ **Dirk Steinhauer**, SimPlan AG (Germany) ■ **Patricia Stock**, REFA-Institut e.V. (Germany) ■ **Johannes Stoldt**, ABB Stotz-Kontakt GmbH (Germany) ■ **Steffen Straßburger**, TU Ilmenau (Germany) ■ **Sebastian Thiede**, University of Twente (Netherlands) ■ **Margit Thomsen**, InControl Enterprise Dynamics (Germany) ■ **Sven Völker**, Hochschule Ulm (Germany) ■ **Christoph von Viebahn**, Hochschule Hannover (Germany) ■ **Markus Vorderwinkler**, University of Applied Sciences Upper Austria (Austria) ■ **Sigrid Wenzel**, Universität Kassel (Germany) ■ **Thomas Wiedemann**, HTW Dresden (Germany)

Exhibition

The exhibition accompanying the conference provides an overview of the latest state of the art in simulation tools and related software as well as current services in the field of simulation.

If you would like to present yourself as an exhibitor at the 20. ASIM Dedicated Conference 2023, please contact us at asim2023@tu-ilmenau.de.

Registration Fees

▪ Base price	990,00 €
▪ Early booking discount (until 07/01/2023)	minus 50,00 €
▪ Members of ASIM, GI or EUROSIM	minus 140,00 €
▪ Submission of contribution	minus 170,00 €
▪ Multiple participants, per institution from the 2nd participant	minus 140,00 €
▪ University members receive a discount of 40% after deduction of the amounts.	

The price includes participation in lectures and exhibition, the conference proceedings, lunch/refreshments, and an evening event.

Paper Submission

Users, vendors and scientists who would like to contribute to the success of the conference with a presentation are requested to submit an exposé by February 10, 2023.

Based on the exposé, a full paper submission request will be issued. In the second stage, the full paper will be reviewed. All accepted contributions will appear in a printed conference volume, which can also be obtained from bookstores.

• Submission of exposés	02/10/2023
• Notification of authors	03/24/2023
• Full paper submission	05/12/2023
• Notification of author (full paper review)	06/23/2023
• Submission of camera ready manuscript	07/14/2023

All submissions will be made via EasyChair. The link for submission is posted on the conference website. Please note that one participant must be registered for the conference per accepted submission.

Conference Management

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Contact

All information on how to
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www.asim-fachtagung-spl.de.



Conference Languages

German and English.