**Welcome to the 1st International Stuttgart Conference on Automotive Production.**

The SCAP conference series is the international successor to the previous “Stuttgart conference on the future of automotive production” and addresses advances in robotics & automation, logistics and innovative manufacturing technologies for future automotive production environments. The theme of this year's conference is:

**Next Gen Mobility Production – Sustainability via Reconfigurability**

**Date:** November 9 and 10, 2020  
**Venue:** ARENA2036 Research Campus, Stuttgart, Germany

**Scientific Topics**

We are happy to invite you to submit an abstract for a conference paper and presentation that should address the following scientific topics:

- **User-centered Robotics and Automation** (e.g. AGVs, UX in Production, Machine Safety)
- **Reconfiguration and Control of Production Systems** (e.g. Adaptive processes, Production Scheduling, Indoor Positioning, Digital Twin of Production Systems)
- **Data-driven Production & Logistics** (e.g. Connectivity, Cybersecurity, Machine Learning)
- **Sustainability-driven Production & Logistics** (e.g. Integrated value creation, Material & Asset Tracking, Eco-efficiency, Circular Economy)
- **Production Technologies for Smart and Sustainable Products** (e.g. Smart Products, Additive/Composite/Metal Production, Process Monitoring, Remanufacturing, Reuse and Recyclability)

For a more detailed overview of the conference topics, please visit the conference website [scap2020.arena2036.de](http://scap2020.arena2036.de). The conference proceedings including your revised full papers will be published shortly after the conference at Springer Nature within the ARENA2036 series with an ISBN.

**Key Dates**

- **08.01.2020** Call for Abstracts is open  
- **31.03.2020** Deadline Submission of Abstracts  
- **30.04.2020** Notification of Abstract Acceptance  
- **30.06.2020** Deadline Submission of Full Paper

**Registration Fees**

- **ARENA2036 Members** 130,00 €  
- **Early Bird Registration** 350,00 € (Deadline June 1, 2020)  
- **Regular Full Registration** 470,00 €
Stuttgart Conference on Automotive Production 2020

Call for Abstracts

Local organizing committee

- Dr.-Ing. Frieder Heieck  
  (ARENA2036 e.V., Stuttgart, Germany)
- Dr.-Ing. Philipp Weiβgraeb er  
  (ARENA2036 e.V., Stuttgart, Germany)
- M.Sc. Manuel Fechter  
  (Fraunhofer Institute for Manufacturing Engineering and Automation IPA, Germany)
- Dipl.-Ing. David Korte  
  (Institute of Mechanical Handling and Logistics, University of Stuttgart, Germany)

Scientific Committee

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  (Fraunhofer Institute for Manufacturing Engineering and Automation IPA, Stuttgart, Germany)
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  (Ulsan National Institute of Science and Technology, Republic of Korea)
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  (Lehrstuhl für Produktionssysteme, Ruhr University Bochum, Germany)
- Prof. António Mendes Lopes  
  (Faculdade de Engenharia da Universidade do Porto, Portugal)
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