

01 March 2026

Opening of submission system and registration

31 May 2026

Submission of scientific paper (option 1) or submission of abstract (option 2)

31 July 2026

Notification of review results; re-review where necessary

15 September 2026

Submission of camera-ready papers; registration deadline for presenting authors; early-bird registration ends

4 / 5 November 2026

Presentation at SCAP 2026

December 2026

Publication of scientific papers in Springer Nature within the ARENA2036 series



**Stuttgart Conference On Automotive Production**

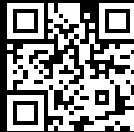


**Advances in Automotive Production Technology**

**Engineering Intelligent and Sustainable  
Automotive Value Chains**

## **CONTACT:**

conference@arena2036.de



<https://scap-stuttgart.de>



4. - 5. November 2026



ARENA2036 e.V.

## INVITATION & CALL4PAPERS

### Welcome to the 4<sup>th</sup> International Stuttgart Conference on Automotive Production (SCAP)

ARENA2036 hosts the 4th SCAP in cooperation with the Institute for Control Engineering of Machine Tools and Manufacturing Units (ISW), the Institute of Electrical Energy Conversion (IEW) and the Institute for Acoustics and Building Physics (IABP) of the University of Stuttgart.

SCAP provides an international forum for scientists, researchers and engineers to present and discuss recent advances in automotive production and related engineering disciplines. The conference addresses both fundamental research and industrial applications shaping future automotive value chains.

The focus of this year's conference is:

### „Advances in Automotive Production Technology - Engineering Intelligent and Sustainable Automotive Value Chains“

The two-day program features keynote lectures, parallel scientific sessions, technology demonstrations, poster presentations and interactive workshops. The conference encourages interdisciplinary exchange between academia, industry and applied research.

We warmly invite you to submit your contributions and to participate in the 4th SCAP.

## OPTIONS FOR PARTICIPATION

### Option 1: Oral presentation and scientific paper

Oral presentation at the conference and submission of a scientific paper. Scientific papers will be peer-reviewed by a scientific committee and published open-access shortly after the conference with Springer Nature within the ARENA2036 series.

### Option 2: Oral presentation only

Oral presentation at the conference and submission of an abstract. By selecting this option, a presentation can be given at the conference without having to submit a scientific paper.

### Option 3: Session or workshop

It is also possible to organize your own session or workshop at the conference, provided that it fits in with the key topics. Please contact us in advance at: [conference@arena2036.de](mailto:conference@arena2036.de)

## AWARDS

The following awards will be presented to participants during the conference:



**Best Paper Award**



**Best Presentation Award**

## SCIENTIFIC TOPICS

We invite you to submit a conference paper addressing one or more of the following topics:

### I. AI & Intelligent Automation in Engineering & Production

- ▶ AI Foundations and Learning-Based Methods for Engineering Systems
- ▶ AI-Driven Engineering, Design and Industrial Knowledge Systems
- ▶ Intelligent, Autonomous and Self-Optimizing Production Systems
- ▶ AI Infrastructure, Integration and Responsible Deployment

### III. Emission-Free Mobility and Electric Drive Systems

- ▶ Advanced Electric Machines and Drive Concepts
- ▶ Intelligent Energy Management and Charging Technologies
- ▶ Design, Testing and Validation of E-Mobility Systems
- ▶ Production Technologies for Electric Mobility

### II. Robotics & Autonomous Systems in Production & Logistics

- ▶ Modeling, Control and Learning for Robotic Systems
- ▶ Cognitive, Collaborative and Human-Centered Robotics
- ▶ Autonomous Robotic Systems for Production and Logistics
- ▶ Advanced Robotic Capabilities and Emerging Technologies

### IV. Sustainable and Digital Automotive Value Chains

- ▶ Sustainability Management, Regulatory Frameworks, Business Models
- ▶ Digital Solutions for Industrial Value Chains (Data Spaces, Interoperability, Ecosystems)
- ▶ Advanced Materials and Sustainability
- ▶ Trends in Automotive Production Methods and Solutions for Circular Value Chains

## ORGANIZING COMMITTEE

**Dr. Daniel Holder**  
ARENA36 e.V., Stuttgart, Germany

**Dr. Muhammad Saeed**  
ARENA36 e.V., Stuttgart, Germany

**Simon Nowinski**  
Institute for Control Engineering of Machine Tools and Manufacturing Units (ISW) of the University of Stuttgart, Stuttgart, Germany

**Marco Zimmer**  
Institute of Electrical Energy Conversion (IEW) of the University of Stuttgart, Stuttgart, Germany

**Dr. Michael Held**  
Institute for Acoustics and Building Physics (IABP) of the University of Stuttgart, Stuttgart, Germany