



CALL FOR PAPERS

**Electric & Electronic in Hybrid and Electric Vehicles
and Electrical Energy Management**

June 16-17, 2020 in Bamberg/Germany
www.eehe.de



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SUBMISSION OF ABSTRACTS FOR PAPERS OR POSTERS: NOVEMBER 15TH, 2019

- › **Headline in english, abstract in german or english, based on template at www.eehe.de**
- › **An extended abstract of about 2 pages with 1 plot, diagram or chart is appreciated**
- › **Author(s): degree, last name, first name, address, telephone and email address!**

Please upload your paper on the website www.eehe.de !

Papers for the Conference Proceedings are strictly mandatory. Exceptions can only be approved by the Advisory Board.



Organizer: Haus der Technik e.V.
Hollestraße 1, 45127 Essen/Germany
www.hdt.de

DEADLINE: NOVEMBER 15TH, 2019

Every contribution is scheduled with 20 - 25 minutes for the presentation and 5 - 10 minutes for questions and discussion. The conference language is German or English, simultaneous translation will be available. Papers and slides in English!

Additionally, Posters will be presented in a Poster Exhibition. Some of them may be selected for a 5 - 10 min presentation (max. 3 - 5 slides) in the auditorium.

TOPICS

› E/E Architectures and Components for Electrification

- Architectures, Systems and Components for xEVs
- High Voltage Components incl. Wiring Harnesses and Connectors
- High Voltage Safety and Standards

› Charging and Infrastructure

- Electric Charging Systems and Components
- Vehicle-to-Grid

› Energy Management

- Electrical Energy Management and Operating Strategies incl. Connectivity
- Low Voltage Accumulators
- Battery Management for High Voltage and Low Voltage

› 48 Volt

- Power Supply Architectures
- Systems, Components and Technologies

› Power Electronics

- Semiconductors and Passive Components for xEV Applications
- Technologies for Power Electronics

› Vehicle Concepts - related to Electrification

- Heavy Duty Vehicles
- Commercial Vehicles
- Agriculture Vehicles

› Reliable Power Supply Systems

- Power Supply Systems for Automated Driving Features
- Diagnosis and Fault Handling for Reliable Power Supplies
- Hardware and technologies for ASIL D
- Design Methods and Tools

› Digitalization and Artificial Intelligence

- Big Data - (Data Acquisition, Protection and Processing)
- Cyber Security
- Cloud Computing

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FURTHER MILESTONES

Confirmation to the authors: January 15th, 2020

Deadline for the final papers (in English): April 15th, 2020

Submission of the final presentations: June 10th, 2020

**Please send your abstract
at latest by November 15, 2019**
via upload on www.eehe.de

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