

ATZ live

Call for Papers

www.ATZlive.com

Electrified Mobility

Digitization and Electrification for Sustainable Mobility

2nd International ATZ Congress

12 and 13 November 2019 | Stuttgart | Germany



In conjunction with
“Grid Integration of Electric Mobility I
4th International ATZ Conference”

MOBILITY

Connected in an
integrated system

POWERTRAINS

Climate and
emissions neutrality

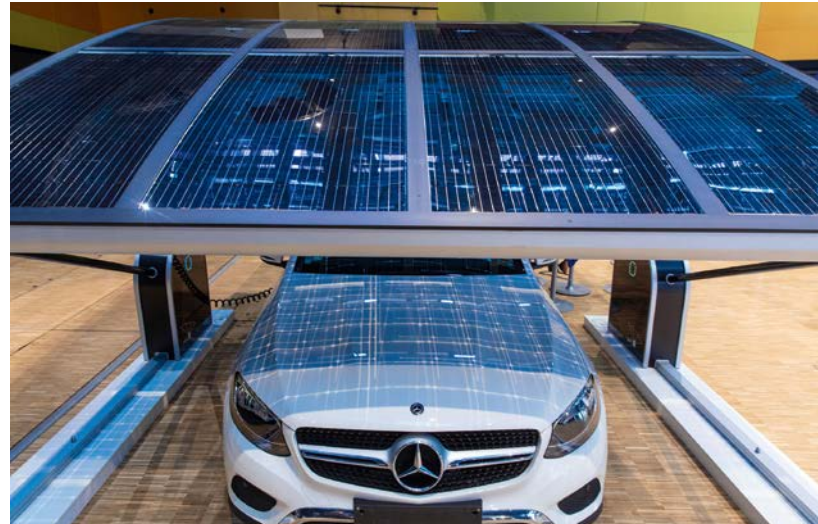
ENERGY STORAGE

Eco-friendly with a
high energy density

/// SCIENTIFIC DIRECTOR

Prof. Dr. Hans-Christian Reuss, Research Institute of
Automotive Engineering and Vehicle Engines Stuttgart (FKFS)

SCHAEFFLER



Impressions of the 2018 conference





Dr. Dirk Kesselgruber
Schaeffler Technologies AG



Isabell Knüttgen
e-mobil BW GmbH



Dr. Johannes Liebl
Editor-in-Charge
ATZ | MTZ | ATZelektronik



Florian Mayr
Apricum GmbH



Prof. Dr. Hans-Christian Reuss
Research Institute of Automotive Engineering and
Vehicle Engines Stuttgart (FKFS)
Scientific Director of the Conference



Jürgen Schenk
Daimler AG



Markus Schöttle
Deputy
Editor-in-Chief
ATZelektronik



**Prof. Dr.
Gernot Spiegelberg**
Technical University of Munich (TUM)

Electrified Mobility

WELCOME

Mobility gives us prosperity and a sense of freedom. Until now, these values of our culture have been ensured by internal combustion engines, turbines, and the fuels used to power our cars, commercial vehicles, aircraft, and ships. However, the need to protect our climate and to improve air quality is now forcing us to pursue new approaches towards mobility and drive systems.

Digitization and electrification are levers that can help us to achieve sustainable mobility. This year, car manufacturers are expanding their model range of electrified vehicles. A real breakthrough in electric mobility will only take place when this product offensive interacts with an infrastructure offensive. Communication that goes beyond the customary technical boundaries is becoming increasingly essential.

For that reason, ATZlive is organizing the conferences on “Electrified Mobility” and “Grid Integration of Electric Mobility” for the first time as a joint event. Participants will be able to freely choose which lectures of the parallel conferences they want to attend, thus gaining the ideal opportunity to expand their perspective. The communal networking evening as well as the central refreshment breaks and the accompanying exhibition provide the perfect setting for interdisciplinary communication, thus supporting the increasingly important aspect of systemic thinking.

I would therefore like to cordially invite you to actively contribute towards the success of this conference in its new format by presenting a paper. Details on submitting a paper can be found in this Call for Papers. We look forward to your submission proposal.

On behalf of the Scientific Advisory Board

Dr. Johannes Liebl
Editor-in-Charge
ATZ | MTZ | ATZelektronik



PARTICIPANTS

Decision-makers on a strategic and technical level, development engineers and experts working for car and commercial vehicle manufacturers, suppliers, and development service providers, employees at research institutes and universities, planners and operators of testing facilities, employees of telecommunications service providers, IT companies, energy providers, power grid operators, federal agencies and state ministries, city planning, vehicle fleet organizations, associations, and NGOs dealing with mobility concepts and electric mobility.

MAIN SUBJECT AREAS

National and International Conditions

Legislation | funding and support | social developments

Markets

National and international examples | urban/rural developments | experience reports from the private sector and fleet operators

Traffic Concepts

Individual mobility | public transportation | delivery traffic | 2-wheeled traffic | parking space management | connected mobility | research projects

Digitization / Intelligent Technologies

Big data and AI | vehicles and services

Vehicle Technologies

PHEV | BEV | FCV | on-board power systems

Powertrain Technology

Electric motors | power electronics | thermal management

Energy Storage Systems

Cell development | battery development | battery management | hydrogen storage | crash validation

Energy Storage Materials

Raw materials | production/processing | recycling

YOUR PRESENTATION PLATFORM

Take this opportunity to present your latest products and services to the specialist audience: as an exhibitor in our exclusive exhibition and/or as a sponsor with an attractive advertising presentation. Make use of this industry meeting place to make valuable contacts with customers.

For information on the various presentation options, please contact:
Elke van Lon
Phone +49 611 7878-320
elke.vanlon@springernature.com

CALL FOR PAPERS

Are you interested in presenting a paper on one of these subjects?

If so, please send a short version of your proposed paper to:

Gabriele Bozsa | ATZlive
Abraham-Lincoln-Straße 46 | 65189 Wiesbaden | Germany
Phone +49 611 7878-160 | Fax +49 611 7878-452
gabriele.bozsa@springernature.com

Your submission proposal should contain:

- The title of the paper in English
- The main points and a brief summary of the paper's contents (**abstract** with a detailed description of the innovative value, **maximum 2 pages**)
- Classification under one of the main subject areas
- The name of the speaker and any co-authors with job title, company address, telephone number and e-mail address (Please submit documents in PDF or Microsoft Word format)

On the basis of the short version of the paper, the Scientific Advisory Board for the conference will decide on its acceptance.

Information on the Conference

The time allowed for each presentation is 20 minutes with a subsequent discussion. The registration fee will be waived for one speaker per paper presented. The language of the manuscripts and slides is English.

Schedule

Deadline for submission proposals: **27 March 2019**

Notification of the authors: **in June 2019**

Submission of final manuscripts: **27 September 2019**

The final conference program will be published in August 2019.

DEADLINE FOR SUBMISSION PROPOSALS

27 MARCH 2019