



Electrified Mobility + Grid Integration 2020

2 Conferences under one Roof

24. 11. – 25. 11. 2020
Stuttgart, Germany

Call for Papers
Apply online now

Submission of proposals
no later than
15 April 2020

Impressions of 2019



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FOCUS ON

Sustainability check 2020

Sustainability check 2020

/ MOBILITY CONCEPTS

Projects and necessary conditions

/ AUTOMOTIVE TECHNOLOGY FOR BEV / FCEV

Utility values and sustainability

/ GRID INTEGRATION

Standardized energy and
data management

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Welcome

Vehicles powered by batteries and fuel cells can make an important contribution toward the ongoing transition in powertrains, energy, and traffic, all of which still need to be comprehensively interconnected. The development and marketing of electric vehicles must therefore be sensibly synchronized, among other things through the construction of charging infrastructures. This process requires stronger impetus. ATZlive is now helping to achieve this by interconnecting two established events, the ATZlive Congress “Electrified Mobility” and the Conference “Grid Integration of Electric Mobility” under one roof.

You too can support this as a potential speaker. We welcome not only examples of best practice, but also critical papers that point out where there is still a lack of innovation and suitable conditions regarding the electrification of mobility. Stricter climate protection targets demand more sustainability, and projects or products claiming to deliver this are being more critically examined than ever before. We cordially invite you to present your innovations to both Scientific Advisory Boards.

We look forward to your participation in the congress.

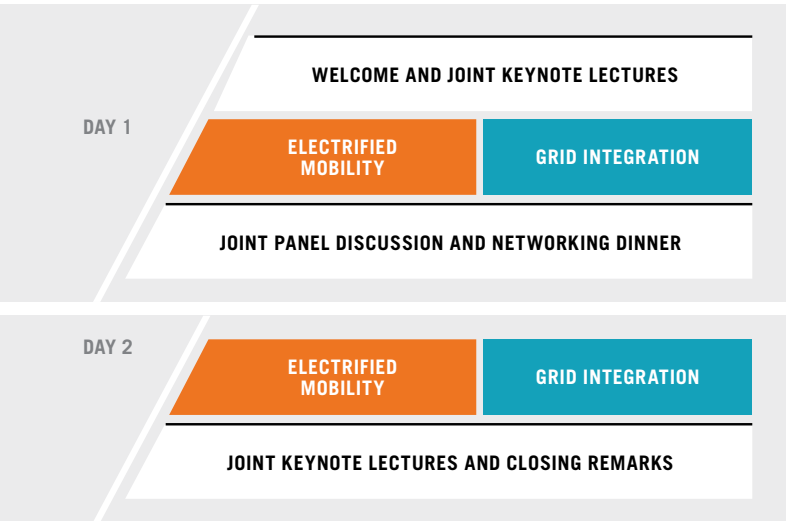
On behalf of the Scientific Advisory Boards

Stay at the cutting edge!

- ✓ Highly relevant technical papers presented by renowned speakers
- ✓ Networking in the international expert community
- ✓ Innovative products and services

Electrified Mobility + Grid Integration

A breakthrough in electric mobility will require traffic concepts, vehicles, and infrastructure to interact perfectly. In order to provide the participants with sufficient space for an interdisciplinary dialogue and a broader opportunity to form opinions, the two established conferences “Electrified Mobility” and “Grid Integration” are being merged. Those attending the congress will be able to switch between the parallel strands of lectures, thus broadening their perspective. The Networking Dinner and the centralized refreshment breaks with an accompanying exhibition also support interdisciplinary communication and the systemic thinking that is required.



Participants



This ATZ Congress is aimed at managers and engineers from car manufacturers, suppliers, development service providers, research institutes, and universities, and at employees of telecommunications services providers, IT companies, financial services providers, energy suppliers and grid operators, federal and state ministries, associations, and NGOs involved in all disciplines of electric mobility.

Media partners

Scientific Advisory Boards

Our two Scientific Advisory Boards, which are composed of outstanding experts in their field, provide support in planning and finding topics for our conference.

Their expertise will play a key role in defining the focus of the program of lectures.

ELECTRIFIED MOBILITY	GRID INTEGRATION
 <p>Prof. Dr. Hans-Christian Reuss Research Institute of Automotive Engineering and Vehicle Engines Stuttgart (FKFS)</p> <p>Scientific Director Electrified Mobility</p>	 <p>Dr. Kathrin Goldammer Reiner Lemoine Institut gGmbH</p> <p>Scientific Director Grid Integration</p>
<p>Klaus Baumgärtner BridgingIT GmbH</p> <p>Dr. Wolfgang Bernhart Roland Berger GmbH</p> <p>Isabell Knüttgen e-mobil BW GmbH – State Agency for New Mobility Solutions and Automotive Baden-Wuerttemberg</p> <p>Florian Mayr Apricum GmbH</p> <p>Jürgen Schenk P3 Group GmbH</p> <p>Prof. Dr. Gernot Spiegelberg Technical University of Munich (TUM)</p> <p>Markus Wiedemann Stuttgarter Straßenbahnen AG (SSB)</p>	<p>Klaus Baumgärtner BridgingIT GmbH</p> <p>Axel Hausen Netze BW GmbH</p> <p>Gero Lücking LichtBlick SE</p> <p>Xaver Pfab BMW Group</p> <p>Dr. Gunnar Steg Volkswagen Group Charging GmbH</p> <p>Prof. Dr. Ulrich Wagner Technical University of Munich (TUM)</p>
<p>Dr. Johannes Liebl Editor-in-Charge ATZ MTZ ATZelektronik</p>	<p>Markus Schöttle Senior Editor Automotive Developments</p>

ELECTRIFIED MOBILITY

Mobility and markets

- Intermodal traffic concepts and mobility solutions
- New business models
- National and international conditions in politics and business

Automotive engineering

- Electric powertrains (BEV, FCEV) for cars and commercial vehicles
- Power electronics
- Electric charging
- Energy and thermal management (powertrain / interior)
- HV batteries
- Vehicle concepts
- Standardization
- Digitization / intelligent technologies
- Research projects

GRID INTEGRATION

Complete system

- Political conditions
- Electricity generation, transmission, distribution
- Sector coupling
- Charging infrastructure – expansion and standardization
- Use of flexibilities
- Data services and transmission, data security

Engineering

- Component and system requirements
- Energy storage systems (stationary batteries, hydrogen)
- Charging systems (external and integrated into the vehicle)
- Energy management
- Thermal management

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:

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Further information and online submission of your proposal:

www.atzlive.de/en/elmo

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**Submission of
proposals
no later than
15 April 2020**

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

If so, please submit a short version of your paper via the online portal to the event page indicated.

Your submission proposal in English should contain:

- The title of the paper
- The name of the speaker with job title, company address, telephone number and e-mail address
- The name of any co-authors with company address
- The main points and a brief summary of the paper's contents (abstract)
- Brief summary of the innovative value of the work (please submit documents in PDF)
- Classification under one of the main subject areas

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

Information on the congress

The time allowed for presentation is 20–25 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: **15 April 2020**
Notification of the authors: **Mid-June 2020**
Submission of final manuscripts: **9 October 2020**
The final congress program will be published in August 2020.