



With driving event at IAV

9th Symposium: 14 - 15 February 2012 at Braunschweig Stadthalle

CALL FOR PAPERS

Hybrid and Electric Vehicles

Recent years have seen a surge in research and development work on the subject of electric drives, with many countries launching national electromobility programs. Therefore, the symposium will provide detailed coverage of the latest solutions in the field of hybrid, plug-in and electric vehicles, including infrastructure. Special focus will be placed on vehicle concepts, energy storage systems, energy management, drive components and infrastructure. In addition to the papers delivered, the traditional driving event is once again planned at IAV in Gifhorn.

Against this background, paper proposals are requested on the following subject areas:

- ▶ Vehicle Concepts
 - Hybrid vehicles, plug-in
 - Electric vehicles
 - Fuel cell vehicles
- ▶ Drive Components
 - Electric motors
 - Power electronics
 - Energy storage systems
 - Combustion engines
- ▶ Energy Storage Systems
- ▶ Infrastructure
 - Charging Process
- ▶ Energy Management
 - Vehicle electrical systems
 - Simulation processes
 - Open and closed-loop control
 - Energy balances
- ▶ Heat Management for Electric and Plug-In-Hybrid Vehicles
- ▶ Safety and Stability

30 minutes will be allocated for each paper, including 10 minutes for discussion. The conference languages are German and English. Simultaneous interpretation will be provided. You are kindly requested to submit abstracts by September 15, 2011. Authors of the papers selected will be contacted by October 17, 2011.

Contact:

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The 9th Braunschweig Symposium on Hybrid and Electric Vehicles will be taking place from February 14 to 15, 2012 at Braunschweig. A speakers' dinner is planned for the eve of the event. In the evening of the first day of the event, IAV in Gifhorn will be presenting hybrid vehicles and offering demonstration drives. All participants are invited to attend this event in the course of an evening reception organised by ITS Niedersachsen and IAV.

Direction

Prof. Wolf-Rüdiger Canders (Braunschweig University of Technology); Prof. Burghard Voß (IAV GmbH)

Program Committee

Prof. Wolf-Rüdiger Canders, chair (Braunschweig University of Technology); Prof. Burghard Voß, deputy chair (IAV); Prof. Ludwig Brabetz (University of Kassel); Dr. Marco Falco (hofer eds); Dr. Jürgen K. H. Friedrich (Daimler); Bernd Gaubitz (ZF Friedrichshafen); Prof. Holger Hanselka (Fraunhofer LBF); Dr. Christoph Herrmann (NFF); Klaus-Jürgen Hetzel (Toshiba); Hanno Jelden (Volkswagen); Hans Günter Baliko (MAGNA E-Car Systems); Dr. Bernhard Koonen (TÜV Rheinland); Prof. Ferit Küçükay (Braunschweig University of Technology); Stefan Lorenz (Continental); Dr. Siegfried Meuresch (Federal Ministry of Economics and Technology - BMWi); Patrick Müller (BMW Group); Dr. Klaus Prenninger (MAGNA Powertrain); Dr. Karl-Oskar Proskawetz (ITS Niedersachsen); Walter Rau (Voith Turbo); Prof. Walter Schumacher (Braunschweig University of Technology); Prof. Ulrich Seiffert (wiTech Engineering); Dr. Guido Weissmann (Lower Saxony Fuel Cell & Battery Technology Initiative)

Accompanying Exhibition

The accompanying exhibition will give manufacturers, developers and suppliers of systems, equipment, components, software and services in the field of hybrid vehicles and energy management the opportunity to present themselves and deepen contacts with participants and guests. For this purpose, please request further information from Mr. Redeker.