



## 4. AutoTest

Fachkonferenz zum Thema Test von Hard- und Software in der Automobilentwicklung

17.- 18. Oktober 2012 | Stuttgart | [www.fkfs.de](http://www.fkfs.de)

# Call for Papers

The 4th AutoTest Technical Conference on 'Test of Hardware and Software in Automotive Development' offers a platform for OEMs, system suppliers, service providers and tool manufacturers to specify the requirements for testing automotive electronics and software and to discuss methods for optimizing the test processes. The technical conference is aimed at experts and managers from industry and research in the fields of electronics, mechatronics, software and control. The conference is complemented by an industry fair.

### Main Topic 2012:

#### Testing of electronic powertrain systems

The evolution of automotive powertrains is highly dynamical. The scope of functionality, the number of variants, the degree of networking of electronic controls in engines, gearboxes and 4WD systems is increasing continually. Hybrid and battery electric vehicles contain additional electric drives, complex batteries, power converters and a charging interface which pose new challenges for testing. Test methods for these power train components and the related control software will be discussed in several lectures.

### Further topics:

- » Test methods for ECU hardware and software
- » Automatic generation and execution of test sequences
- » Test result analysis
- » Test processes and test technology
- » Standardization and migration scenarios
- » Testing in the field of Functional Safety

### Scientific management:

Prof. Dr. Hans-Christian Reuss (FKFS)

### Program committee :

Dr. Gerd Baumann (FKFS), Peter Feulner (ZF Friedrichshafen AG), Dr. Maximilian Fuchs (BMW AG), Dr. Klaus Grimm (Daimler AG), Dr. Rainer Kallenbach (Robert Bosch GmbH), Christof Kellerwessel (Ford-Werke GmbH), Hans-Jürgen Mäurer (DEKRA Automobil GmbH), Dietmar Möbus (Adam Opel GmbH), Dr. Thomas Scharnhorst (WiTech-Engineering GmbH), Norbert Strupf (AUDI AG), Dr. Rolf Zöllner (Dr. Ing. h.c. Porsche AG)

#### Submission of Abstracts:

If are interested in presenting at the 4<sup>th</sup> AutoTest on any of the key topics indicated above, you are kindly requested to submit an abstract to FKFS. Please use exclusively the following MS Word abstract submission form:

[www.fkfs.de/autotest\\_2012/Formular\\_Abstract.doc](http://www.fkfs.de/autotest_2012/Formular_Abstract.doc)

Convert the completed form into a PDF document and send it to [autotest@fkfs.de](mailto:autotest@fkfs.de)

#### Deadlines:

Submission of abstracts: **January 26<sup>th</sup>, 2012**  
Notification of authors: **March 20<sup>th</sup>, 2012**  
Submission of papers: **September 14<sup>th</sup>, 2012**

#### Further information:

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