

Tuesday, 16 March 2010

6 p.m. Welcome address by Dr. Klaus Weichel,
Lord Mayor of the City of Kaiserslautern and
Doris Ahnen, Minister for Education, Science,
Youth and Culture of the State of Rhineland-
Palatinate (invited)

Opening of the exhibit; refreshments served

Wednesday, 17 March 2010

9 a.m. Official opening by Prof. Dr. Helmut Schmidt,
President of the University of Kaiserslautern

Welcome address by Kurt Beck, Minister Pres-
ident of the State of Rhineland-Palatinate
(invited)

Talk by Prof. Dr. Ulrich Buller, Senior Vice Pres-
ident Research Planning of the Fraunhofer-
Gesellschaft

10 a.m. Keynote from industry

Keynote from academia

Presentations in topic groups
until approx. 5.30 p.m.

7 p.m. Dinner at Fritz-Walter Stadium

Welcome address by Hendrik Hering,
Minister for Economic Affairs, Transportation,
Agriculture and Viniculture of the State of
Rhineland-Palatinate (invited)

Thursday, 18 March 2010

9 a.m. Presentations in topic groups

2 p.m. Final plenary session

3 p.m. End of the event

Program Committee

- Prof. Dr.-Ing. J. C. Aurich, TU Kaiserslautern
- Prof. Dr. K. Berns, TU Kaiserslautern
- Dr. K. Dreßler, Fraunhofer ITWM, Kaiserslautern
- Prof. Dr.-Ing. P. Eberhard, Universität Stuttgart
- Dr. B. Jörg, CVC, Kaiserslautern
- R. Kalmar, Fraunhofer IESE, Kaiserslautern
- Prof. Dr.-Ing. P. Liggesmeyer, TU Kaiserslautern
- Prof. Dr.-Ing. Steven Liu, TU Kaiserslautern
- Prof. Dr. J. de Maré, Chalmers University Göteborg
- Dr. J. F. Reid, John Deere, Moline, Illinois USA
- Dr. F. Sager, BPW Bergische Achsen, Wiehl
- Prof. Dr.-Ing. C. Schindler, TU Kaiserslautern
- B. Walter, VOLVO CE, Konz
- G. Weiberg, Daimler AG, Stuttgart

Registration and Contact

Online registration from 01 Oct 2009 – 02 March 2010
at: www.cvt2010.de

TU Kaiserslautern, ZNT Office
Phone: +49(0)631 205-52 20
Fax: +49(0)631 205-37 30
Conference email: info@cvt2010.de

Conference Language

The conference languages will be German and Eng-
lish. The main presentations will be interpreted simul-
taneously into English. Abstracts and papers will be
available either in English or in both languages.

Conference Fees

- Regular conference fee: 300€
- Presenters and poster exhibitors: free
- Members of CVC, ZNT, and DNT: 250 €
- Students: 20€*

* The first 50 students to register will receive free tickets. For students who want to attend the recep-
tion at Fritz-Walter Stadium, the conference fee is 100 €.



1st Commercial Vehicle Technology Symposium Kaiserslautern

March 16 to 18, 2010 at the
University of Kaiserslautern

The 1st Kaiserslautern Commercial Vehicle Technology Symposium will offer a platform for researchers and developers from industry and academia to learn about state-of-the-art technologies and about the newest trends in this domain.

In Kaiserslautern, further evolution of the domain of commercial vehicles, which includes trucks and buses, agricultural and construction machinery, as well as special-purpose vehicles, is driven by a constantly growing network encompassing development, research, and communication.

In the year 2005, the Commercial Vehicle Cluster (CVC) was founded with the support of the state of Rhineland-Palatinate and in cooperation with TU Kaiserslautern and Daimler AG. It serves as an information and cooperation platform for companies from this domain and systematically stays in contact with research institutions. The two Fraunhofer institutes ITWM and IESE have been running the Fraunhofer Innovation Cluster Digital Engineering for Commercial Vehicles (DNT) as a research group since 2006. TU Kaiserslautern itself established the Center for Commercial Vehicle Technology (ZNT) as a technology focus at the university in 2007 and has been offering an international and inter-disciplinary master course of studies in Commercial Vehicle Technology (CVT) since 2008.

The Program Committee is calling upon all professionals from this domain to submit paper proposals for the topic areas listed below.



Professor Dr.-Ing. Christian Schindler
Speaker of the Program Committee



Growth through Innovation – EFRE



Range of Products

- Trucks
- Buses
- Agricultural Machinery and Vehicles
- Construction Machinery
- Special-Purpose Vehicles

Main Topics

Development and Production

- Energy-Efficient Vehicles (Alternative Drive Systems, Energy Recovery)
- Driver Assistance Systems
- Chassis Control Systems
- Production Technologies and Processes
- Development and Procurement Processes (Supply Chain Management, Complexity Management)

Model-based Development of Software-Intensive Systems

- Variant and Configuration Management, Reuse, Product Line Development
- Human-Machine Interface, Usability

Safety and Reliability of Software-Intensive Systems

- Model-based Diagnosis and Monitoring
- Quality Assurance of Embedded Software, HiL-Tests, Test Automation, Simulation, Dependability: Reliability, Failure Safety, Robustness

Reliability (Mechanical and Mechatronic Systems)

- Mathematical Modeling of Usage and Variant Diversity
- Measurement Basis and Load Data Analysis
- Testing and Simulation
- Monitoring

Virtual Product Development/Simulation

- System Simulation (System Dynamics, Mechatronics, Multiphysics)
- Invariant Ideas and Tire Simulation
- Ground and Material Simulation
- Components and Materials
- On-Board Simulation/HiL/MiL
- Multi-Criteria Optimization: Reliability, Performance, and Feasibility

Call for Papers

Presentations should be easy to assign to one of the main topic areas listed above and should refer to one or several of the sub-topics listed.

More information can be found at: www.cvt2010.de

Organized by

- Center for Commercial Vehicle Technology (ZNT) TU Kaiserslautern
- Fraunhofer Innovation Cluster Digital Engineering for Commercial Vehicles (DNT)
- Fraunhofer Institutes IESE and ITWM
- Commercial Vehicle Cluster (CVC)