**EVENT INFORMATION**

**CONFERENCE ANNOUNCEMENT AND CALL FOR PAPERS**

**CONFERENCE FEES**

<table>
<thead>
<tr>
<th>Description</th>
<th>Students</th>
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<tbody>
<tr>
<td>2 Conference days registration before 31/12/2015</td>
<td>560 €</td>
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<tr>
<td>2 Conference days registration from 1/1/2016</td>
<td>680 €</td>
</tr>
<tr>
<td>Day ticket (Wednesday or Thursday)</td>
<td>360 €</td>
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<td></td>
<td>480 €</td>
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*without conference dinner, verification required, who want to attend the conference dinner, the conference fee is 100 €.

**REGISTRATION AND CONTACT**

Online registration from October 1, 2015 to February 28, 2016 at:

www.cvt-symposium.de

TU Kaiserslautern
Office of the Center for Commercial Vehicle Technology ZNT
Phone: +49 (0) 6 31 205-52 20
Fax: +49 (0) 6 31 205-37 30
Conference e-mail: info@cvt-symposium.de

**Call for Papers**

The program committee is inviting professionals from industry and academia to actively participate in this conference and to submit presentation proposals for the topic areas listed below.

For further information please contact:

TU Kaiserslautern
Office of the Center for Commercial Vehicle Technology ZNT
Phone: +49 (0) 6 31 205-52 20
Fax: +49 (0) 6 31 205-37 30
Conference e-mail: info@cvt-symposium.de

Further information can be found at:

www.cvt-symposium.de

**Submission of Proposals**

An abstract of your paper (one page DIN A4) related to one of the conference’s main topics should be submitted by September 15, 2015.

Please make sure to use our template for submitting the abstract. The template will be available for download via the symposium’s website:

www.cvt-symposium.de

**Contents**

- Assignment to topic area
- Meaningful title
- Short description (incl. keywords)
- Data (name, address, company) of submitting author
- Language of the presentation

**Language**

English or German

The Program Committee will decide on the acceptance and will categorize the submitted papers, which will then be presented in either English or German in 20-minute presentations.

The authors of the accepted papers agree to submit a camera-ready copy of the paper for the proceedings: approx. 10 DIN A4 pages in English or German with an abstract in English.

Papers accepted for the poster session will be printed in a separate section of the conference proceedings.

**Dates**

- Submission of abstracts: September 15, 2015
- Notification of authors: October 30, 2015
- Submission of full version: December 20, 2015

**Sponsoring**

The primary sponsor of the 4th International Commercial Vehicle Technology Symposium is Schaeffler Technologies AG & Co. KG.

We also offer a special sponsoring program for you, please get in touch with us.

Further information can be found at:

www.cvt-symposium.de

We thank our platinum sponsor Schaeffler Technologies AG & Co. KG.
The sector of commercial vehicles is very heterogeneous. There is the leading branch of the trucks. But also buses as well as agricultural and construction vehicles belong to that sector. And one should not forget the many kinds of special vehicles like those for forestry and winery, road cleaning and intralogistics.

However, the technical challenges to these products are similar in many aspects. Beside the long-term requirements for higher reliability and robustness as well as safety for humans and environment, lower costs for purchase and operation of the vehicles are top of the list. Modern computer aided simulation tools help to fulfill these needs as well as on board assistance and diagnosis tools.

The energy revolution forces the industry to think about new concepts for drive train and working machine. There is no branch where electrification of the vehicles is not an issue. New materials and production methods allow on one hand to build lighter and less energy consuming vehicles and on the other hand to better adapt the production to higher varieties and smaller lot sizes.

All these items and more shall be addressed on the 4th Issue. New materials and production methods allow on one is no branch where electrification of the vehicles is not an new concepts for drive train and working machine. There operation of the vehicles are top of the list. Modern com- puter aided simulation tools help to fulfill these needs as as well as on board assistance and diagnosis tools. 

The energy revolution forces the industry to think about new concepts for drive train and working machine. There is no branch where electrification of the vehicles is not an issue. New materials and production methods allow on one hand to build lighter and less energy consuming vehicles and on the other hand to better adapt the production to higher varieties and smaller lot sizes.

All these items and more shall be addressed on the 4th In-

### Target Audience
Professionals and managers from industry and academia from the domains: Trucks, buses, agricultural machinery, construction machinery, special-purpose vehicles

### MAIN TOPICS

#### Energy and resource efficiency
- Energy- and resource-efficient product lifecycle
- Energy- and resource-saving product development
- Electric drives
- Efficient production technologies and processes
- Lightweight design

#### Safety, Reliability and Durability
- Functional safety
- Durability, failure safety and robustness
- Usage variability and design load targets
- Component design bases and load data analysis
- Product testing, Test automation
- Model-based diagnosis and model-based monitoring
- Software quality assurance

#### Virtual Product Development
- Multi-discipline system simulation, co-simulation
- Real-time and hybrid simulation
- Modelling of usage- and variant-diversity
- Human-machine interaction/simulators
- Simulation of tires and soil tool interaction

#### Connected Services
- Driver assistance systems
- Highly automated systems
- Remote Diagnostics and Predictive Maintenance
- Task Management
- Security and Data Privacy

#### Innovative development and manufacturing
- Agile development methods
- Additive Manufacturing
- After Sales/Product Service Systems
- Variant management

### Program Committee
- A. Altherr, John Deere, Kaiserslautern
- Prof. Dr.-Ing. J. C. Aurich, TU Kaiserslautern
- Prof. Dr. K. Berns, TU Kaiserslautern
- Dr. Brauers, BPW Bergische Achsen, Wiehl
- Dr. W. Burget, Liebherr-France SAS, Colmar Cedex (F)
- Dr. A. Diehl, RECARO Automotive Seating, Kaiserslautern
- Dr. K. Dreßler, Fraunhofer ITWM, Kaiserslautern
- Prof. Dr.-Ing. P. Eberhard, Universität Stuttgart
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- Dr. A. Grunau, Schaeffler, Herzogenaurach
- P. Hagen, Werner Forsttechnik, Trier
- Prof. Dr.-Ing. T. Herlitzius, TU Dresden
- Dr. R. Ilsen, TU Kaiserslautern
- Dr. B. Jörg, CVC, Kaiserslautern
- R. Kalmar, Fraunhofer IESE, Kaiserslautern
- M. Klee, Fraunhofer ITWM, Kaiserslautern
- R. Klement, SchmitzCargobull, Altenberge
- Prof. Dr.-Ing. P. Liggemseyer, TU Kaiserslautern
- Prof. Dr.-Ing. S. Liu, TU Kaiserslautern
- Dr. R. Mäki, Volvo CE, Eskilstuna (S)
- U. Mierisch, Daimler, Stuttgart
- T. Nagel, TU Kaiserslautern
- Prof. Dr.-Ing. B. Sauer, TU Kaiserslautern
- Prof. Dr.-Ing. E. Sax, Karlsruher Institut für Technologie
- Prof. Dr.-Ing. C. Schindler, TU Kaiserslautern
- Dr. M. Speckert, Fraunhofer ITWM, Kaiserslautern
- Dr.-Ing. N. K. Stephan, TU Kaiserslautern
- Dr. T. Tentrup, Dün-Assembly Products, Püttlingen
- J. Weiland, Motec, Hadamar-Steinbach

### Organizers

- Commercial Vehicle Alliance (CVA)
- Umbrella organization
- Center for Commercial Vehicle Technology (ZNT) of TU Kaiserslautern
- Innovation Cluster Digital Commercial Vehicle Technology (DNT) of the Fraunhofer Institutes IESE and ITWM
- Commercial Vehicle Cluster Südwest (CVC)

### PRELIMINARY PROGRAM

**Tuesday, March 8, 2016**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>6:00 p.m.</td>
<td>Welcome and opening of exhibit, refreshments</td>
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<tr>
<td>7:00 p.m.</td>
<td>Welcome addresses by politicians</td>
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**Wednesday, March 9, 2016**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>9:00 a.m.</td>
<td>Official opening</td>
</tr>
<tr>
<td>3:30 p.m.</td>
<td>Final plenary session</td>
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<tr>
<td>4:00 p.m.</td>
<td>End of event</td>
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**Thursday, March 10, 2016**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>9:00 a.m.</td>
<td>Presentations in topic groups</td>
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<tr>
<td>6:00 p.m.</td>
<td>Welcome addresses by politicians</td>
</tr>
<tr>
<td>6:30 p.m.</td>
<td>Presentations in industrial-booth, poster sessions and product presenta-</td>
</tr>
<tr>
<td>7:00 p.m.</td>
<td>Conference dinner</td>
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### On both conference days:

- Accompanying exhibition of industrial-booth, poster sessions and product presentations
- High-ranking managers and senior engineers are talking about new trends and innovations for commercial vehicles, buses, agricultural or construction machinery, or special purpose vehicles