

3rd International Conference

Heavy-Duty Diesel Diagnostics

The only dedicated industry meeting of Diagnostics for Trucks, Buses and NRMM



Softing Automotive Electronics GmbH®

⇒ 9 October 2014 in Nuremberg, Germany

Pre-event 8 October 2014: visiting Continental & get together dinner

Topics in 2014 will be:

- Interior connectivity and cloud solutions
- Remote diagnostics
- How cloud changes the way of diagnostics
- Opportunities from big data for HDD
- Diagnostics in modular products
- Is it time for further harmonization?

You will listen to presentations from:

- Brace
- Continental Engineering
- FEV
- Scania
- ServiceXpert
- Softing
- Sontheim
- VE Commercial Vehicles

Chairman:



Holger Zeltwanger
Managing Director, CAN in Automation

Plant tour at Continental
Pre-evening networking dinner

Pre-evening Event 8 October 2014

2.00-4.00

Plant tour at Continental in Nuremberg

6.00

Dinner in a relaxed atmosphere. Here you get the opportunity to meet other participants and speakers of the event.



Thursday, 9 October 2014

8.00

Welcome reception and check-in, Handing out of conference materials on memory stick

8.30

Welcome address by CTI and introduction by the chairman



Holger Zeltwanger,

Managing Director, CAN in Automation

8.45

Diagnostics in a modular product

- Current work with the in-vehicle diagnostics, variant-handling, identification, fault-isolation etc. used at Scania Workshops
- A brief discussion of some future challenge(s)



Pär Sundbäck,

Senior Engineer System Architect Diagnostics, Scania CV AB

9.10

OBD & NOx anti-tampering system architecture – Experiences and lessons learned

- Legislation requirements impacting system architecture
- Diagnostic master and slaves
- Use of „off-the-shelf“ smart sensors/actuators from suppliers
- Architecture consequences in legislation compliance, required service information and emissions warranty



Marcel Romijn,

Competence Leader OBD, BRACE Automotive

9.35

Interior connectivity and cloud solutions today

- Available remote use cases out of the interior domain
- How to transfer consumer connectivity features to time and safety critical functions
- Further connectivity use cases in an urban infrastructure

Daniel Rühle,

Head of Competence Center Comfort & Multimedia, Continental Engineering Services GmbH

10.00

Remote diagnostics through cloud

- Vehicle communication interface (VCI) with GSM/GPRS capability is being developed
- The application software is present in cloud which is accessible through web browser
- Multiple access to the vehicle through the same VCI



Ram Kumar Arunachalam,

Diagnostic Engineer, VE Commercial Vehicles Ltd. (Volvo Group and Eicher Motors Joint Venture)

10.25 Questions and discussion with the speakers

11.00 Networking break

11.30

How will the cloud change the way we do diagnostics?

- New classification of different OBD algorithms, communication and sensors
- Distribution of OBD algorithms: ECU, dashboard or the cloud?
- OBD's future: Data source to the cloud?
- The next step: Driver diagnostics?
- Social impact of diagnostic algorithms



Matthias Weber,

Senior Manager Global System Integration, Continental Engineering Services GmbH



11.55

Driver diagnostics – who “owns” the data and who may use it?**Alexander Duisberg,**
Partner,
Bird & Bird LLP

12.20

When feedback data becomes BIG – Opportunities from big data for HDD and NRMM

- Cloud connectivity enables feedback of big data – Even off-workshop
- Living the feedback loop: Evaluation and distribution of big data
- Benefits in after-sales and diagnostics from big data

**Dr Roman Cunis,**
Head of Diagnostics Centre,
ServiceXpert GmbH

12.45 Questions and discussion with the speakers

1.15 Networking lunch

2.30

Service complex systems

- Full diagnostic functions for HDD with a single tool – D-PDU API, ODX and OTX as standards
- Benefits for supplier and manufacturer

Juan Aguilar,Business Development & Application Engineer,
Sontheim Industrie Elektronik GmbH

2.55

Standards in practice: Usage in a flexible service application

- Overview of the relevant diagnostic standards
- General requirements to service diagnostics
- System components diagnostic tester
- Choice of the right VCI
- Softing TDX- user-friendly authoring and runtime system

**Martin Sirch,**
Product Manager,
Softing Automotive Electronics

3.20 Questions and discussion with the speakers

3.40 Networking break

4.00

SCR monitoring requirements for HD and NRMM in Europe and USA – It’s time for further harmonization

- Although similar requirements to SCR monitoring in Europe and the US, global engine suppliers face many differences in the implementation of these requirements in both markets
- The upcoming update of regulation EC/97/68 could be the perfect moment for further worldwide harmonization

**Maurice Smeets,**
Technical Specialist,
FEV GmbH

4.25

The CAN FD protocol and its physical layer requirements

- The improved CAN data link layer
- Possible bit-rates and general system design aspects
- Cabling, connectors and other physical layer components
- Status of standardization and product availability

**Holger Zeltwanger,**
General Manager,
CAN in Automation

4.50 Questions and discussion with the speakers

5.15 End of the 3rd International Conference
“Heavy-Duty Diesel Diagnostics”**Infoline: +49 (0)2 11/96 86-35 99**
You have questions? Just contact us!**Customer Service and Registration:**
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The **Softing Group**, based in Haar near Munich, is a reliable system partner to vehicle manufacturers, system and ECU suppliers and provides powerful tools and solutions for more than 30 years. Softing is the specialist for ECU diagnostics and measurement and test in the vehicle. Long-term customers of Softing include all leading automobile manufacturers. Softing is one of the top suppliers with around 80,000 installations in the growth market for test and diagnostic systems in vehicle electronics.

Softing Automotive Electronics GmbH

Richard-Reitzner-Allee 6, 85540 Haar

www.automotive.softing.com



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For over 35 years we strive to deliver ingenious solutions for automotive products and systems to our clients from our offices in the Benelux. Our consultants bring their engineering experience and education into product development and engineering solutions to create significant added-value for OEMs, 1st and 2nd Tier suppliers, etc.

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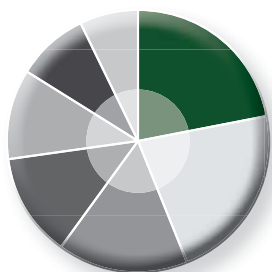
Sontheim is a system partner to numerous vehicle manufacturers and suppliers and provides innovative hardware and software solutions for communication and diagnostic tasks for almost 20 years. Sontheim is one of the market leaders for diagnostic systems in agricultural vehicles.

Sontheim Industrie Elektronik GmbH

Georg-Krug-Str. 2, 87437 Kempten
www.s-i-e.de



Who will you meet:



Participant structure by sector

■ Automobile suppliers	22 %
■ Electronics	22 %
■ OEMs	16 %
■ Others	13 %
■ Software producers	11 %
■ Mechanical engineering	9 %
■ Automotive engineering	7 %



Your personal registration code

3RD INTERNATIONAL CONFERENCE

Heavy-Duty Diesel Diagnostics

Register Now Online!

www.car-training-institute.com/registration/P2300377
or fill in and fax it to: +49(0) 211/9686-4040

- Yes, I wish to attend on 9 October 2014 at the price of € 1,499 plus VAT per Person [P2300377M100]
[The fee covers full conference documentation. A substitute may attend in your place at no additional cost.]
- Yes, I will take part at the **Continental plant tour**
- Yes, I will take part at the **pre-evening dinner**
- I cannot take part in this event but I am interested in the digital **documentations**. Please send me the documentations at a price of € 299.
[All prices exclude VAT and transportation costs.] [P2300377M740]
- Please inform me about **sponsoring and exhibition possibilities**.
- Please **amend my address as shown**.
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9 October 2014 in Nuremberg, Germany
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CONDITIONS OF PARTICIPATION The attendance fee (plus VAT) per person, which includes conference documentation, lunches, tea/coffee and evening dinner, is payable on receipt of the invoice. Once your registration has been received you will be sent a confirmation slip. Registrations can be cancelled (in writing please) free of charge up to 14 days before the event. When a cancellation is made within 14 days of the conference date, half the participation fee will be reimbursed. In the event of cancellation on the day of the conference, or failure to attend, the full fee will be payable. The registered delegate may of course send a substitute at no additional cost. The organisers reserve the right to amend the programme of events if necessary.

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ACCOMMODATION. In the conference hotel, there is a limited allocation of rooms available at a reduced price. Please arrange the room reservation directly with the hotel quoting the reference "CTI conference".

Payment by credit card is of course possible!
Just register and you will receive a link with all the relevant reservation data. Use the link and make your credit card payment in an easy and secure way.

Registration and information

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