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- I hereby register for the conference **Automotive Networks** on 06 November 2018 in Munich.  
Conference Fee: € 650.–  
Special price for subscribers of HANSER automotive € 590.–  
Discounts for university staff are available on request. All prices plus German VAT.
- I hereby register for the Networking Event on 05 November 2018 (included in conference fee).

**The participation fee includes:**

-  Invitation to the exclusive and enjoyable networking event with dinner speech
-  Access to all presentations and the panel discussion
-  Proceedings available for download
-  Lunch, coffee breaks and refreshments

**Participant**

- Company address     Private address  
 Mr.                       Mrs.

First Name | Name

Company

Department

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- I am subscriber of the magazine HANSER automotive.
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**Contact**Carl Hanser Verlag | Conferences and Fairs | Tel.: +49 89 99830-465 | [tagungen@hanser.de](mailto:tagungen@hanser.de)**Location**Holiday Inn Munich – City Centre | Hochstrasse 3 | 81669 München | [www.hi-hotel-muenchen.de](http://www.hi-hotel-muenchen.de)**Benefits**

The conference fee includes proceedings available for download, lunch, coffee breaks, refreshments as well as announced events or company visits. Participation in company visits is conditional. You will receive your name tag at the registration on-site. Hereby the name tag serves as authorization to call upon the benefits mentioned above.

**Registration/Cancellation**

Your registration is binding once a written confirmation is issued. This also applies to the participation in announced tours. With your signature, our terms and condition are accepted. Participants with billing address outside of Germany, Austria and Switzerland, please pay by credit card. You agree with your registration that you will be seen as a participant in any photos or videos. Cancellation of your registration must be in writing and, up to two weeks prior to the start of the event, is subject to a processing fee of € 100.– plus the statutory VAT. Individuals whose cancellation is postmarked after the deadline are required to pay the

full registration fee. It is, of course, also possible for a colleague to use your registration if you cannot attend personally. Changes in the program are reserved by the organizers. Should the conference be canceled, the registration fee will be reimbursed in full. We will inform you immediately and transfer the paid fee back to your account. However, Hanser will not be liable for any other expenses incurred, such as travel, hotel, or others. The program is subject to changes.

**Accommodation**

Travel and accommodation-stay are not included in the conference fee. Please book a room yourself. A limited number of rooms are available at a special rate. All information about the hotel can be found in the conference details at [www.automotive-networks.com](http://www.automotive-networks.com) and further accommodation at [www.hanser-tagungen.de/hrs](http://www.hanser-tagungen.de/hrs)

**Journey**

For your journey by train you can use the cost-efficient event ticket of »DB Vertrieb GmbH«. You can find detailed information about the offer on [www.hanser-tagungen.de/DBSonderkonditionen](http://www.hanser-tagungen.de/DBSonderkonditionen). The offer is bookable under the hotline 0180 6311153 with the headword: »EW Medien«

**Our detailed terms and conditions can be found at [www.hanser-tagungen.de/agb](http://www.hanser-tagungen.de/agb)**

# Automotive Networks

IVN technologies and E/E architecture

06 November 2018 in Munich

**+** Trendsetting panel discussion:  
**Towards automated driving and future mobility**

**Discuss with OEMs, suppliers, semiconductor vendors and tool providers the future networks in vehicles – especially**

- Trends in IVN technologies – for lower and higher data rates
- Service-based architecture
- Security on IVN level

**+** Panel discussion:

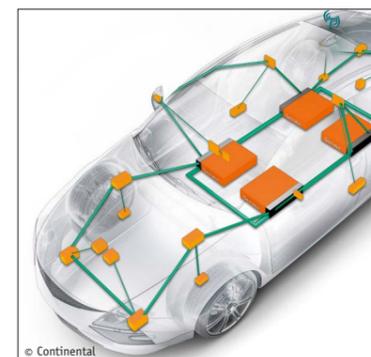
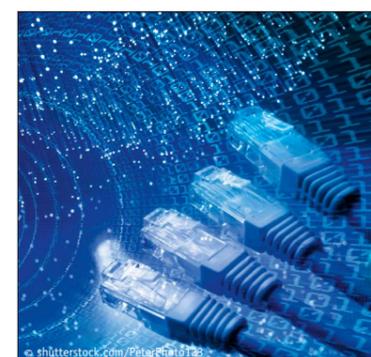
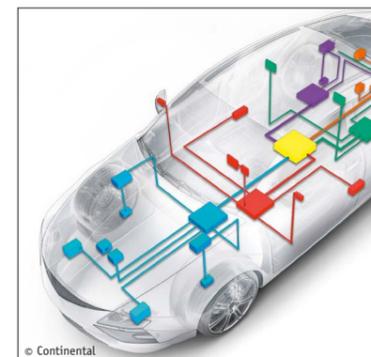
Towards automated driving and future mobility – Do we have the right answers for the in-vehicle electrical architecture and its development processes?

**Program features**

- Argus Cyber Security Ltd.
- Bertrandt Ingenieurbüro GmbH
- Canova Tech Srl
- Continental
- EB
- ESCRYPT GmbH
- Ford-Werke GmbH
- Renault SAS
- Robert Bosch GmbH
- Siemens AG
- Valens Semiconductor
- Volkswagen AG

**Organized by**

**Confirmed exhibitors**

## Chairman and Program Committee

- Dr. Günter Reichart › formerly BMW Group (Chairman)
- Harald Eisele › Opel Automobile GmbH
- Dr. Kirsten Matheus › BMW Group
- Jürgen Röder › Continental
- Dr. Thomas Galla › Elektrobit
- Frank Kirschke-Biller › Ford-Werke GmbH
- Rüdiger Roppel › Dr. Ing. h.c. F. Porsche AG
- Christian Horst › Robert Bosch GmbH
- Dr. Marcel Wille › Volkswagen AG

## Statements of participants 2017

»Very interesting, useful and relevant for both industrial and academical participants.«

Dr. Borislav Nikolic › IDA – Institut für Datentechnik, TU Braunschweig

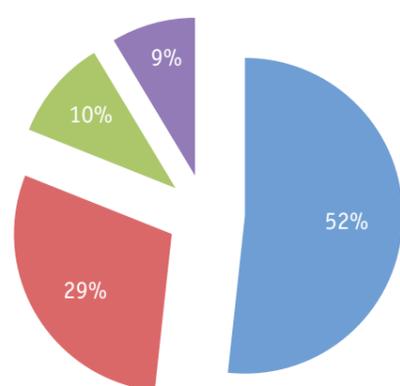
»Good overview on current trends in IVN.«

Thomas Walter › Hyundai Motor Europe T.C. GmbH



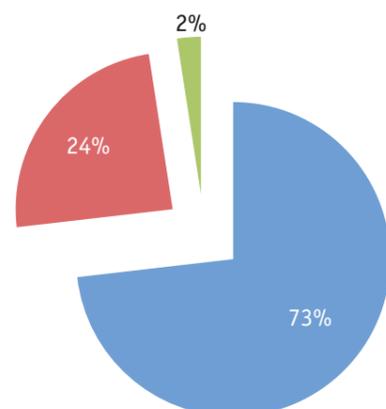
## Who you will be meeting at the conference

### Branches



- Automotive construction and suppliers
- Electrical engineering/electronics
- Software development
- Universities/research institutes

### Departments



- Research & development, construction
- Marketing, sales, distribution
- Management

**More information on exhibition & sponsoring:** Christine Sieber | christine.sieber@hanser.de

## Monday, 05 November 2018

### Networking event and opening of the exhibition

07.00 pm **Location: Holiday Inn Munich – City Centre**

**Dinner speech »Year 2035: Mobility in the artificial intelligence cloud«**

Frank Thomsen, Innovation Consultant and Creative Director › jambit GmbH, Munich

## Tuesday, 06 November 2018

8.30 am ☕ **Registration and welcome coffee**

9.00 am **Welcome** › Dr. Günter Reichart (Chairman)

9.05 am **Introduction** › Dr. Kirsten Matheus (Program Committee)

### View from another industry

9.15 am **Industrial Ethernet and Time-Sensitive Networking**

Ludwig Winkel, Digital Factory Division, Technology and Innovations › Siemens AG, Karlsruhe

### Trends in IVN technologies – for lower and higher data rates

9.45 am **High-bandwidth solutions for the connected and autonomous Car**

Juergen Baumgartner, Product Marketing Manager Automotive › Valens Semiconductor GmbH

10.15 am **Highlights on key figures of the 10BASE-T1S multidrop PHY**

Piergiorgio Beruto, Senior System Designer › Canova Tech Srl, Padova, Italy

10.45 am ☕ **Coffee break**

### Panel discussion

11.15 am **Live-TED and panel discussion: Towards automated driving and future mobility – Do we have the right answers for the in-vehicle electrical architecture and its development processes?**

**Moderation:** Dr. Günter Reichart

**Panelist:** Dr. Andreas Titze › Volkswagen AG | David Weinrauch › Ford-Werke GmbH | Shehnaz Louvart › Renault SAS | Alexander Much › EB | Thomas Hogenmüller › Robert Bosch GmbH

12.15 pm 🍽️ **Lunch**

### Security on IVN level

01.15 pm **Why is Network Security in vehicles so hard?**

Dr. Lars Völker › BMW Group, Munich

01.45 pm **Facing the challenges on security measures in automotive Ethernet based EE architectures**

Ramona Jung, M.Sc., Security Project Manager › ESCRYPT GmbH, Stuttgart

02.15 pm **Securing automotive Ethernet networks**

Matan Atad, Network Security Research Leader › Argus Cyber Security Ltd., Tel Aviv, Israel

02.45 pm ☕ **Coffee break**

### Service-based architecture

03.15 pm **Introduction to service-based architecture**

Dr. Kirsten Matheus › BMW Group

03.30 pm **In-vehicle network management for future service-oriented architectures**

Maximilian Brückl › Continental, Regensburg

04.00 pm **A retro perspective summary about the first experiences implementing a service-oriented EE architecture**

Cornelius Butzkamm, Team Manager Networking and Gateway › Bertrandt Ingenieurbüro GmbH, Ingolstadt

04.30 pm **Conclusion** › Dr. Kirsten Matheus (Program Committee)

04.40 pm **Closing words and end of the conference** › Dr. Günter Reichart (Chairman)