Discuss with OEMs, suppliers, semiconductor vendors and tool providers

• Future E/E architecture: Function and service-oriented architecture
• IVN technologies as enabler technologies: CAN, Ethernet, SerDes

Program features

• BMW Group
• Dr. Ing. h.c. F. Porsche AG
• Continental
• Elektrobit Automotive GmbH
• Ford-Werke GmbH
• P3 GLOBAL GmbH
• RealTime-at-Work
• Renault Group
• Robert Bosch GmbH
• Technical University of Munich
• University of Luxembourg
• Volkswagen AG

Organized by automotive

Confirmed Exhibitor technica
Chairman and Program Committee

• Dr. Günter Reichart › formerly BMW Group (Chairman)
• Harald Eisele › formerly Opel Automobile GmbH
• Dr. Oliver Creighton › BMW Group
• Jürgen Röder › Continental
• Dr. Thomas Galla › Elektrobıt
• David Weinrauch › Ford-Werke GmbH
• Rüdiger Roppel › Dr. Ing. h.c. F. Porsche AG
• Christian Horst › Robert Bosch GmbH
• Dr. Marcel Wille › Volkswagen AG

Comments from participants 2018

»It’s a great opportunity to have an overview about IVN technology trends, in relationship with the current automotive challenges (autonomous driving, connectivity, electrification).«
Giuseppe Conigliaro › FCA Italy S.p.A.

»Highly focussed topic and good discussions with like-minded experts.«
Dr. Oliver Creighton › BMW AG

Whom you will be meeting at the conference

Branches

- 53% Automotive construction and suppliers
- 32% Electrical engineering/electronics
- 13% Software development
- 2% Universities/research institutes

Departments

- 84% Research & development, construction
- 10% Marketing, sales, distribution
- 6% Management

More information on exhibition & sponsoring: Christine Sieber | christine.sieber@hanser.de
Monday, 11 November 2019

Networking Event and Opening | Start 7.00 pm | Location: Schloss Hohenkammer

07.30 pm Dinner speech »Mobility 2030 – Focus on costumer needs«
Ryan Hassoun, Team Lead ePowertrain › P3 GLOBAL GmbH, Stuttgart
This evening offers you the opportunity to meet with other conference participants and speakers in a casual and relaxed setting. Enjoy pleasant conversation and extend your network with drinks and local food.

Tuesday, 12 November 2019

08.30 am Registration and welcome coffee
09.00 am Welcome › Dr. Günter Reichart (Chairman)

Function and service-oriented architecture

09.10 am From function- to service-oriented architectures
Dr. Stefan Kugele, Department of Informatics, Software & Systems Engineering › Technical University of Munich

09.50 am Service-oriented architectures as a mindset: Shaping the next EE architecture in a digital age
Dr. Julian Broy, Head of Service Architectures › BMW Group, Munich

10.20 am Function- and service-orientation – a game changer for the E/E-architecture of tomorrow
Dr. Matthias Görber, Head of E/E architectures and networks › Dr. Ing. h.c. F. Porsche AG, Weissach

10.50 am Coffee break

11.25 am Adaptive AUTOSAR is on the road – challenges & experiences for series development at Volkswagen
Jan Müller, Dr. Marcel Wille › Volkswagen AG, Wolfsburg

11.55 am It’s served: Building blocks of future E/E architectures – A transition from distributed to future standardized service-oriented E/E-architectures
Aurora Sere-Schneider, Head of Vehicle Systems Architecture › Continental Teves AG, Regensburg

12.25 pm Lunch

Panel discussion

01.25 pm Teaser: Quo vadis architecture? – Thoughts about technology, costs and organization
Dr. Günter Reichart

01.45 pm Panel Discussion: Quo vadis function and service-oriented architecture
Moderation: Dr. Günter Reichart
Panelists: Dr. Julian Broy › BMW Group | Harald Eisele › formerly Opel Automobile GmbH | Christian Kerstan › Robert Bosch GmbH | Aurora Sere-Schneider › Continental Teves AG | David Weinrauch › Ford-Werke GmbH

02.30 pm Coffee break

Enabler Technologies

03.00 pm Synthetic data to secure and optimize early stage topological and technological design choices for TSN networks
Nicolas Navet, Associate-Prof., Computer Science and Communications Research Unit › University of Luxembourg
Josetxo Villamueva, In-Vehicle Networks Expert › Renault Group, Guyancourt, France
Jörn Migge, CTO › RealTime-at-Work, Nancy, France

03.30 pm CAN XL – An introduction and comparison to available IVN-technologies
Dr. Arthur Mutter, Engineering & Design › Robert Bosch GmbH, Reutlingen

04.00 pm Automotive hypervisor in classic real time systems
Michael Strotz, Dr. Fabian Christowiak › Elektrobit Automotive GmbH, Erlangen

04.30 pm The struggle with inheritance – How Safety requirements influence the communication structure in future automotive E/E-architectures
Stefan Brunner, System Architect, Future In-Vehicle Networks › Continental Automotive GmbH, Regensburg

05.00 pm Closing words and end of the conference

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- Access to all presentations and the panel discussion
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