Wednesday, February 12, 2020

08:55-09:00 | Welcome
09:00-09:30 | Keynote: IVN Design Options for Tomorrows Architectures

SESSION 1 / NETWORK & ARCHITECTURE
09:30-10:00 | Do we Really Need an All-IP Car?
10:00-10:30 | Meshing of the Networks: The Impact of Merging In-Vehicle Communications Networks to Support the Future Need for Adaptive Applications

10:30-11:00 | COFFEE BREAK AND NETWORKING IN THE EXHIBITION
11:00-11:30 | Early-stage Bottleneck Identification and Removal in TSN Networks
11:30-12:00 | Virtualizing Network Functions of the In-Vehicle Network

SESSION 2 / LAYERS 3, 4
12:00-12:30 | TCP/IP and Other Higher-Layer Protocols via CAN
12:30-14:00 | LUNCH BREAK AND NETWORKING IN THE EXHIBITION

SESSION 3 / SECURITY & SAFETY
14:00-14:30 | Automotive Ethernet Fuzzing – Challenges and Best Practices
14:30-15:00 | Ethernet Security, the Protocols and its Challenges
15:00-15:30 | Experience and Lessons Learned from Firewall and Intrusion Detection System Development for Automotive Ethernet

15:30-16:00 | COFFEE BREAK AND NETWORKING IN THE EXHIBITION
PARALLEL WORKSHOPS
16:00-18:00 | Workshop 1: Automotive Ethernet and Service-Oriented E/E Architectures
16:00-18:00 | Workshop 2: From the Cloud to the Car – Use Cases
16:00-18:00 | Workshop 3: Automotive Ethernet Debugging, Compliance Testing and Switch Latency Measurements
16:00-18:00 | Workshop 4: Automotive Ethernet Layer 1 to Layer 7 Test Automation
16:00-18:00 | Workshop 5: Security for Ethernet EE-Architecture
16:00-18:00 | Workshop 6: Automotive Ethernet Switch Training
18:00-20:00 | GET-TOGETHER AND NETWORKING IN THE EXHIBITION

Thursday, February 13, 2020

09:00-09:30 | Keynote: Automotive Ethernet: Yesterday, Today, and Tomorrow

SESSION 4 / VALIDATION & TEST
09:30-10:00 | Ensuring Security of Data Communication in an IVN and Comparing the Choice of Encryption Techniques
10:00-10:30 | AVB/TSN Testing Strategy from Semiconductor up to ECU and System Level
10:30-11:00 | COFFEE BREAK AND NETWORKING IN THE EXHIBITION

SESSION 5 / LAYER 2
11:00-11:30 | When GATE’s Misbehave for IEEE 802.1Qbv Implementation
11:30-12:00 | Achievable Accuracy of gPTP Synchronization over PCIe
12:00-12:30 | Choosing the Right TSN Tool(s) to Meet a Network’s Bounded Latency Requirement
12:30-14:00 | LUNCH BREAK AND NETWORKING IN THE EXHIBITION

SESSION 6 / PHY
14:00-14:30 | Automotive Ethernet and SerDes Technologies – Friends or Foes?
14:30-15:00 | Optical Multi-Gigabit Ethernet – on the Verge of Standardization and Implementation
15:00-15:30 | COFFEE BREAK AND NETWORKING IN THE EXHIBITION
15:30-16:30 | 10BASE-T1S: The Solution for Introducing Ethernet to Low-Speed Network
16:30-16:45 | CLOSING

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Registration | Fill in, send, take part.

Please note: In order to be registered you have to fill in all required fields marked with an asterisk *.
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I want to register for:

☐ Sessions | February 12, 2020

Parallel Workshops: Please choose only one

☐ Workshop 1: Automotive Ethernet and Service-Oriented E/E Architectures
☐ Workshop 2: From the Cloud to the Car - Use Cases
☐ Workshop 3: Automotive Ethernet Debugging, Compliance Testing and Switch Latency Measurements
☐ Workshop 4: Automotive Ethernet Layer 1 to Layer 7 Test Automation
☐ Workshop 5: Security for Ethernet EE-Architecture
☐ Workshop 6: Automotive Ethernet Switch Training

☐ Sessions | February 13, 2020

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Automotive Ethernet Congress 2020

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Plus 19% VAT

Please send Fax-Registration to + 49 (0) 89 255 56 – 0155 or register online at www.automotive-ethernet-congress.de

Venue
THE WESTIN GRAND Munich
Arabellastrasse 6
81925 Munich
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For further details please find the terms and conditions at www.automotive-ethernet-congress.com.

- The attendance fee includes participation on the booked conference days, proceedings, lunch and refreshments.
- You will receive a confirmation of your conference registration along with your invoice.
- Cancellations received in writing before or on January 22, 2020 will be subject to a service charge of EUR 50 for one-day registrations and EUR 100 for two-day registrations. For all cancellations received after January 22, 2020 the full conference fee remains payable. Substitutions within the same company are welcome at any time.
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- Students: Students are granted a 50 % reduction, student ID required. Please submit by fax to + 49 (0) 89 255 56 0155 or by email to JHeger(at)weka-fachmedien.de.
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