

Wednesday, February 3, 2016		
08:55-09:00	Welcome and Introduction	Ingo Kuss, Elektronik <i>automotive</i> ; Helge Zinner, Continental (Moderation)
09:00-09:30	Keynote: Automotive Ethernet – Changing the Game	Kirsten Matheus, BMW
09:30-10:00	Keynote: Automotive Ethernet – the Future of the Connected Car Network	Aurora Sere-Schneider, Continental
Session 1: Architecture		
10:00-10:30	Use of Ethernet in an Automotive Environment	Samuel Sigfridsson, Volvo Cars
10:30-11:00	Coffee Break and Networking in the Exhibition	
11:00-11:30	Requirements on Future In-vehicle Architectures for Automotive Ethernet	Daniel Zebralla, Continental
11:30-12:00	To Make a New Challenging Communication Technology a Successful Step	Harald Zweck, Infineon Technologies Karsten Schmidt, Audi Electronics Venture
12:00-12:30	Enabling Vehicle-wide Virtualization with Embedded Multicores and Automotive Ethernet	Wilfried Steiner, TTTech Computertechnik
12:30-14:00	Lunch Break and Networking in the Exhibition	
Session 2: PHY & Cable		
14:00-14:30	Aeronautic Meets Automotive Ethernet – One Pair Ethernet as the New Physical Layer for Aircraft Cabin?	Sebastian Hahn, Airbus Group Innovations
14:30-15:00	Servicing Ethernet Harnesses in the Vehicle	Natalie Wienckowski, GM
15:00-15:30	EMC-constrained 1000BASE-T1 Physical Layer Systems: Lessons Learned from OABR 100Mbit/s	Mehmet Tazebay, Broadcom
Session 3: Test & Validation		
15:30-16:00	What if Interoperability on Ethernet-level is not Enough?	Alex Lunkenheimer, Vector Informatik Bogdan Tenea, Ixia Technologies Europe
16:00-16:30	Coffee Break and Networking in the Exhibition	
16:30-17:00	Compliance Verification Process for Ethernet ECUs – It’s Alive!	Georg Janker, Ruetz System Solutions
17:00-17:30	Validation of In-vehicle High-Speed Networks	Nicolas Morand, PSA PEUGEOT CITROEN
17:30-18:00	Enabling Power Efficient and Interoperable Behaviour in a Multi-vendor Environment of 100BASE-T1 Components	Ricardo Sappia, C&S group
18:00-18:30	Inside 100BASE-T1 – a Closer Look to Link Test and Diagnosis	Steffen Lorenz, NXP Semiconductors
18:30	Get-together and Networking in the Exhibition	

Thursday, February 4, 2016		
09:00-09:30	Keynote: Automotive Ethernet – Enabler for Autonomous Driving	Clara Otero Pérez, NXP Semiconductors
Session 4: Security		
09:30-09:45	Introduction Security	Gregor Molter, Continental
09:45-10:15	Towards Secure Ethernet-based Vehicle Networks	Martin Brunner, secunet Security Networks
10:15-10:45	Ethernet Security	Yong Kim, Broadcom
10:45-11:15	Coffee Break and Networking in the Exhibition	
11:15-11:45	Secure Ethernet Communication for Autonomous Driving	Roman Pallierer, Elektrobit Automotive
11:45-12:15	Securing Infotainment Endpoints in Automotive Ethernet Networks	Shrikant Acharya, Excelfore
12:15-12:45	Benefits of Deep Packet Inspection Techniques for Advanced Automotive Ethernet Architectures	Christopher Mash, Marvell Semiconductor
12:45-14:00	Lunch Break and Networking in the Exhibition	
Session 5: (Realtime-)Communication		
14:00-14:30	IP-based Communication in Vehicles – Learning from the IT Industry	Stefan Singer, NXP Semiconductors
14:30-15:00	Decomposition of Image Processing for Human and Machine Vision	Radoslaw Watroba, STMicroelectronics
15:00-15:30	Coffee Break and Networking Exhibition	
15:30-16:00	Finding Good Ethernet PDU Packaging Strategies to Minimize ECU Performance Requirements – A Case Study	Sean Whitty, Syntavision Karsten Schmidt, Audi Electronics Venture
16:00-16:30	A Practical Hardware Approach for Deploying TSN in Automotive Ethernet Applications	Jordon Woods, Innovasic
16:30-16:45	Feedback	

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Automotive Ethernet Congress	
Conference fees	
One day (Feb 3 or 4)	€ 445.00
Full Conference	€ 745.00

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