

**2020 IEEE Standards Association (IEEE-SA) Ethernet
& IP @ Automotive Technology Virtual Event Week
14-18 September 2020**

**VIRTUAL PRESENTATIONS AND EXHIBITION
PROGRAM**

CENTRAL EUROPEAN SUMMER TIME ZONE

Last Updated: 16 September 2020

**VIRTUAL EXHIBITS WILL BE AVAILABLE DAILY FROM
MONDAY 14 SEPTEMBER 2020 - FRIDAY 18 SEPTEMBER 2020
Meet Exhibitor Staff from 14:00-17:00 daily**

TUESDAY 15 SEPTEMBER 2020

14:00 – 14:15 CEST	Welcome and Opening Remarks Rudi Schubert (IEEE Standards Association) Opening: Kirsten Matheus (BMW)
	PHY, Switch, μC
14:15 – 14:45 CEST	HighSpeed Interfaces for HighPerformance Computing <i>Daniel Hopf (Continental)</i>
14:45 – 15:15 CEST	Inter-processor Connectivity for Future Centralized Compute Platforms <i>Richard Cannon, Mike Jones (Microchip)</i>
15:15 – 15:30 CEST	Program Break
15:30 – 16:00 CEST	Self-Diagnosis for In-Vehicle Networks <i>Ramin Farjadrad, Dance Wu (Marvell)</i>
	AVB/TSN, Higher Layer Protocols, Software
16:00 – 16:30 CEST	Status and Content of the IEEE TSN Automotive Profile Standard <i>Don Pannell (NXP)</i>
16:30 – 17:00 CEST	Fault Tolerant Ethernet Time Synchronization <i>Prathap Venugopal, Soheil Samii (GM)</i>

WEDNESDAY 16 SEPTEMBER 2020

	Application, Connectivity
14:00 – 14:30 CEST	AUTOSAR 10BASE-T1S <i>Stefany Chourakorn (AUTOSAR/BMW)</i>

14:30 – 15:00 CEST	Service-Oriented Gateway Connecting Automotive Ethernet and Cloud for Efficient Development <i>Wonseon Sim (Hyundai Motor Group)</i> <i>Seung Jun Lee (AirPlug, Inc.)</i>
	Network and Architecture
15:00 – 15:30 CEST	Towards Computer-Aided, Iterative TSN- and Ethernet-Based EE Architecture Design <i>Oliver Creighton (BMW Group)</i> <i>Nicolas Navet, Patrick Keller (University of Luxembourg)</i> <i>Jörn Migge, [RealTime-at-Work (RTaW)]</i>
15:30 – 15:45 CEST	Program Break
15:45 – 16:15 CEST	Holistic Analysis of Task and Message Scheduling in Automotive EE Architecture <i>Hoai Hoang Bengtsson, Martin Hiller, and Fredrik Mattsson, (Volvo Car Corporation)</i>
16:15 – 16:45 CEST	DoIP (ISO 13400) Enhancements for Future Architectures <i>Max Turner (Ethernovia)</i>
16:45 – 17:15 CEST	Lessons Learned of 10+ Years Ethernet Development – Ways on Keeping the Complexity Under Control <i>Thomas Königseder, Dr. Lars Völker (Technica Engineering GmbH)</i>
THURSDAY 17 SEPTEMBER 2020	
	Validation and Test
14:00 – 14:30 CEST	Comparing the Adoption of TSN Between Automotive and Non-Automotive Networks <i>Avik Bhattacharya [Keysight (formerly Ixia)]</i>
14:30 – 15:00 CEST	A Framework to Virtually Validate Quality of Service Contracts in Ethernet-Based vehicle <i>Ricardo Gonzalez de Oliveira, Indrasen Raghupatruni, Damon Martini, Achim Henkel (Robert Bosch GmbH)</i>

	Safety and Security
15:00 – 15:30 CEST	Automotive Network Security Myths Debunked <i>Dr. Lars Völker (Technica Engineering GmbH)</i>
15:30 – 15:45 CEST	Program Break
15:45 – 16:15 CEST	Practical Use Cases for Ethernet Redundancy in Automotive <i>Don Pannell (NXP)</i> <i>Nicolas Navet (University of Luxembourg)</i>
16:15 – 16:45 CEST	Safety Issues with gPTP and Potential Solutions <i>Max Turner (Ethernovia)</i>
16:45 – 17:00 CEST	Closing Remarks: Kirsten Matheus (BMW)