

Zeit	Thema Sprecher	Thema Sprecher
08:00 - 09:00 Uhr	GET TOGETHER	
09:00 - 09:15 Uhr	Begrüßung	
	Friedhelm Pickhard President ETAS GmbH	Andreas Berg Vice President Sales Europe ETAS GmbH
09:20 - 10:05 Uhr	Key note 1 - Artificial intelligence and machine learning. Game changing technologies.	
	Simon Fürst General Manager for Machine Learning, Reasoning and Knowledge Representation BMW AG	
10:10 - 10:55 Uhr	Key note 2 - Deep learning goes embedded	
	Dr. Oliver Sbanski Director Engineering Systems Vision Driver Assistance Systems Chassis Systems Control Robert Bosch GmbH	
10:55 - 11:10 Uhr	KAFFEEPAUSE / AUSSTELLUNG	
11:10 - 11:55 Uhr	Podiumsdiskussion - Künstliche Intelligenz	
	Simon Fürst General Manager for Machine Learning, Reasoning and Knowledge Representation BMW AG	Dr. Oliver Sbanski Director Engineering Systems Vision Driver Assistance Systems Chassis Systems Control Robert Bosch GmbH
	Prof. Dr. Jürgen Schmidhuber Scientific Director, Swiss AI Lab, IDSIA Professor of AI, USI & SUPSI Co-Founder & Chief Scientist, NNAISENSE	Dr. Holger Ulmer Chief Expert Machine Learning ETAS GmbH
12:00 - 13:00 Uhr	MITTAGSPAUSE / WALKING LUNCH	
13:00 - 14:40 Uhr	BREAK-OUT-SESSIONS 1	
	ADAS/AD (Legendenhalle)	CYBER-SECURITY (Arthur-Dünkel-Lounge)
13:00 - 13:30 Uhr	Challenges and chances in test virtualization for L4+ urban automated driving Dr. Christian Krummel Vice President System Engineering System Engineering Urban Automated Driving Robert Bosch GmbH	Supporting ECU consolidation without compromising safety, security, and real-time behavior Robert Day Vice President Marketing Lynx Software Technologies Inc.
13:35 - 14:05 Uhr	From ADAS to AD: Enabling the disruption Prof. Dr. Stefan-Alexander Schneider Head of Mastercourse ADAS University of Applied Sciences Kempten	Security solutions in agriculture Hans Jürgen Nissen Manager Standardization and Partnering Global Tractor Electronics Engineering John Deere GmbH & Co. KG
14:10 - 14:40 Uhr	Building blocks for autonomous vehicles Dr. Tomas Anderson Senior Director Active Safety & Autonomous Drive Volvo Car Corporation	Computer on wheels - security for smart cars Henning Harbs Head of Body Electronics, Mechatronics and E/E-Development Volkswagen AG
14:40 - 15:05 Uhr	KAFFEEPAUSE / AUSSTELLUNG	
15:05 - 16:45 Uhr	BREAK-OUT-SESSIONS 2	
	ZUSAMMENSPIEL VON EMBEDDED- UND BACKEND-LÖSUNGEN (Arthur-Dünkel-Lounge)	SOFTWARE FÜR NEUE E/E-ARCHITEKTUREN (Legendenhalle)
15:05 - 15:35 Uhr	Challenges in the joint development of embedded and backend solutions Dr. Kai Matthias Pinnow Engineering Software Systems Engineering Chief System Engineer Big Data Management and Analytics ETAS GmbH	Autoliv multi-core ADAS ECU development with ETAS-OS Robert Uhle Project Team Leader Autoliv B.V. & Co. KG Wolfgang Schramm Software Engineer Autoliv B.V. & Co. KG
15:40 - 16:10 Uhr	Connected development: The path to continuous delivery in automotive software Dr. Walter Lehle Director Engineering Powertrain Diagnostics and Connected Solutions Engineering Powertrain Diagnostics Diesel Systems Robert Bosch GmbH	VRTE: AUTOSAR adaptive and beyond for vehicle computers Axel Kirschbaum Project Lead Vehicle Computer Campus Chassis Systems Control Robert Bosch GmbH
16:15 - 16:45 Uhr	Systematic field data explorer in practice: How Bosch is shaping autonomous driving technology with the help of IoT Kia Hafezi Project Manager Connected Validation Driver Assistance Systems Chassis Systems Control Robert Bosch GmbH	End-to-end micro services architecture – how can the embedded side benefit from it? Gerhard Koch CTO Connected Car and Car IT Security Daimler AG
16:45 - 17:10 Uhr	KAFFEEPAUSE / AUSSTELLUNG	
17:10 - 17:55 Uhr	Finale Präsentation – True artificial intelligence will change everything	
	Prof. Dr. Jürgen Schmidhuber Scientific Director, Swiss AI Lab, IDSIA Professor of AI, USI & SUPSI Co-Founder & Chief Scientist, NNAISENSE	
17:55 - 18:00 Uhr	Wrap-up	
	Andreas Berg Vice President Sales Europe ETAS GmbH	
18:00 - 23:00 Uhr	ABENDVERANSTALTUNG	

Zeit	Thema Sprecher	Thema Sprecher
08:30 - 09:00 Uhr	GET TOGETHER	
09:00 - 09:15 Uhr	Begrüßung	
	Chris White Executive Vice President ETAS GmbH	Andreas Berg Vice President Sales Europe ETAS GmbH
09:20 - 10:05 Uhr	Key note - Innovation in Hyundai's engine calibration process Dr. Donghee Han Research Fellow Turbo Engine Research Lab. Hyundai Motor Company	
10:10 - 10:40 Uhr	KAFFEPAUSE / AUSSTELLUNG	
10:40 - 12:20 Uhr	BREAK-OUT-SESSIONS 1	
	FORTSCHRITTLICHE KALIBRIERUNGSLÖSUNGEN (Legendenhalle)	OFF-HIGHWAY (Arthur-Dünkel-Lounge)
10:40 - 11:10 Uhr	Real Driving emissions: Overview of calibration and development strategies Mihael Vuksic Program Manager AVL Deutschland GmbH	AUTOSAR solutions for the off highway market Francesco Ficili Embedded Software Expert Embedded Software Engineering ETAS GmbH
11:15 - 11:45 Uhr	PN optimization for RDE using ETAS ASCMO Matthew Grove Principal Thermodynamics Engineer Thermodynamics and Application MAHLE Powertrain Ltd. Simon Williams Principal Calibration Engineer Thermodynamic and Application MAHLE Powertrain Ltd.	Bosch cloud solution: The new way of programming ECUs Dr. Micha Münzenmay Head of Division Innovation Projects Commercial Vehicle and Off-Road Robert Bosch GmbH Christian Astor Expert Basic Software Commercial Vehicle and Off-Road Robert Bosch GmbH
11:50 - 12:20 Uhr	Development of a simulation platform for validation and optimization of real-world emissions Tom Berghmans Senior Engineer Model Based Development Powertrain Division Toyota Motor Europe NV/SA	System solutions for the global project engineering using the example of brake control systems for metros Ralf R. Schmid Director Engineering Tools & Test Equipment Knorr-Bremse SFS GmbH
12:20 - 13:20 Uhr	MITTAGSPAUSE / WALKING LUNCH	
13:20 - 15:00 Uhr	BREAK-OUT-SESSIONS 2	
	VIRTUALISIERUNG IN DER ENTWICKLUNG (Legendenhalle)	INNOVATIONEN FÜR DIE SOFTWARE-ENTWICKLUNG (Arthur-Dünkel-Lounge)
13:20 - 13:50 Uhr	MVP – Virtual test environment of MTU Friedrichshafen Dr.-Ing. Sven Christian Fritz Specialist for DoE, Method Development Test-Bench Automation and Virtual Test Benches MTU Friedrichshafen GmbH	Development of engine control logic Pil Seung Kim Senior Research Engineer Powertrain Control System Team Hyundai Motor Company
13:55 - 14:25 Uhr	The next step to simulation: Bosch's journey towards MIL & SiL Dr. Detlef Zerfowski Vice President Automotive System Integration Automotive Software Robert Bosch GmbH	SCODE & CONGRA: New methods for the development of complex systems Dr.-Ing. Thomas Bleile Senior Expert Software Development for Air System Diesel Gasoline Systems Robert Bosch GmbH Dr. Markus Behle Senior Product Manager ETAS GmbH
14:30 - 15:00 Uhr	Virtualization – How ETAS can help Dr. Christoph Stoermer Head of Advance Engineering ETAS GmbH	Speeding up development with internal bypass solutions Dr. Mark Rutter Product Manager EHOOKS ETAS Ltd.
15:00 - 15:15 Uhr	KAFFEPAUSE / AUSSTELLUNG	
15:15 - 15:45 Uhr	Final presentation – The human-machine society. A brave new world? Hans-Jürgen Kugler Chief Scientist Kugler Maag Cie GmbH	
15:45 - 16:00 Uhr	Friedhelm Pickhard President ETAS GmbH	Wrap-up und Ende Andreas Berg Vice President Sales Europe ETAS GmbH