

WASA 2019 Program

Time	Task	Chair	Details
09:00 - 09:15	Welcome	Stefan Kugele	
09:15 - 10:30	Keynote		Keynote by Simon Fürst (BMW, General Manger Software-based Features) System/ Software Architecture for Autonomous Driving Systems
10:30 - 11:00	Coffee Break		
11:00 - 12:30	Session 1	Yanja Dajsuren	Requirements and Process
			Agile System Architecture in Large Organizations: an Experience Report from Volvo Cars Authors: Darko Durisic and Attila Berényi
11:00 - 11:20			Discussant: Tobias Wägemann, Ramin Tavakoli Kolagari and Klaus Schmid
			Exploring Automotive Stakeholder Requirements for Architecture Optimization Support Authors: Tobias Wägemann, Ramin Tavakoli Kolagari and Klaus Schmid
11:20 - 11:45			Discussant: Darko Durisic and Attila Berényi
	Session 2	Yanja Dajsuren	Architectural Design
			Microservice Architectures for Advanced Driver Assistance Systems: A Case-Study Authors: Jannik Lotz, Andreas Vogelsang, Ola Benderius and Christian Berger
11:45 - 12:10			Discussant: Vadim Cebotari and Stefan Kugele
			On the Nature of Automotive Service Architectures Authors: Vadim Cebotari and Stefan Kugele
12:10 - 12:35			Discussant: Jannik Lotz, Andreas Vogelsang, Ola Benderius and Christian Berger
12:30 - 14:00	Lunch Break		
	Session 3	Darko Durisic	Verification, Validation, and Analysis
			Towards a Virtual Continuous Integration Platform for Advanced Driving Assistance Systems Authors: Adam Bachorek, Felix Schulte-Langforth, Alexander Witton, Thomas Kuhn and Pablo Oliveira Antonino
14:00 - 14:20			Discussant: Yuting Fu, Andrei Terechko and Tjerk Bijlsma
			Experience report: Combining Mixed Criticality support with Resource Reservation and Spare Capacity Allocation Authors: Reinder J. Bril and Erik J. Luit
14:20 - 14:40			Discussant: Lars Stockmann, Sven Laux and Eric Bodden
			A Retargetable Fault Injection Framework for Safety Validation of Autonomous Vehicles Authors: Yuting Fu, Andrei Terechko, Tjerk Bijlsma, Pieter J.L. Cuijpers, Jeroen Redegeld and Ali Osman Örs
14:40 - 15:05			Discussant: Adam Bachorek, Felix Schulte-Langforth, Alexander Witton, Thomas Kuhn and Pablo Oliveira Antonino
			Architectural Runtime Verification Authors: Lars Stockmann, Sven Laux and Eric Bodden
15:05 - 15:30			Discussant: Reinder J. Bril and Erik J. Luit
15:30 - 16:00	Coffee Break		
16:00 - 16:30	Industrial Talk	Darko Durisic Stefan Kugele Yanja Dajsuren	Industrial Talk by Thomas Galla (Elektrobit, Chief Expert, Lead Architect Com Middleware, PI-IFS-C) Multi-Core Support and Basic Software Distribution in Classic AUTOSAR
16:30 - 17:45	Session 4	Darko Durisic	Breakout Groups
17:45 - 18:00	Closing		