



Second International Workshop on Automotive Software Architectures

Workshop program

Keynote – How autonomous driving influences the vehicle's architecture - Christian Berger, Chalmers / University of Gothenburg

Session 1: 11:00 - 12:30

11:00 - 12:00 - Keynote

12:00 – 12:30: Challenges in architecting fully automated driving; with an emphasis on commercial vehicles - Naveen Mohan, Martin Torngren, Viacheslav Izosimov, Viktor Kaznov, Per Roos, Johan Svahn, Joakim Gustavsson and Damir Nestic

Session 2 - 14:00 - 15:30

14:00 - 14:20: Development of a safety case editor with assessment features - Yaping Luo, Zhuoao Li and Mark Van Den Brand

14:20 – 14:40: How automotive software architectures could benefit from Bitcoin - Manuel Fünfroeken and Wolfgang H. Schulz

14:40 – 15:00: A proposal for an automotive architecture framework for Volvo cars - Patrizio Pelliccione, Eric Knauss, Rogardt Haldal, Magnus Ågren, Piergiuseppe Mallozzi, Anders Alminger and Daniel Borgentun

15:00 – 15:20: Generation of failure models through automata learning - Kunze Sebastian, Wojciech Mostowski, Mohammadreza Mousavi and Mahsa Varshosaz

Pannel Session Discussion: 16:00 - 17:00

16:00 – 16:20: **Invited technical talk:** The architecture of the new Volvo XC90 and/or the challenges ahead - Anders Alminger and Daniel Borgentun

Workshop Closing - 17:00 - 17:30