



IEEE ETFA 2020

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WS 4 - 2nd Workshop on Advanced Technologies in Industrial Vehicular Systems (DIVERSE)

Organized by

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Schedule

15:00-15:05	Welcome
15:05-15:30	Rethinking Scheduling Paradigms for Future Automotive Systems Presenter: Dakshina Dasari, Corporate Research, Robert Bosch, Germany.
15:30-15:55	TSN for Automotive In-vehicle Ethernet Communications Presenter: Marina Gutierrez Lopez, TTTECH, Austria.
15:55-16:20	Challenges in scheduling and schedulability analysis of various traffic in TSN Presenter: Mohammad Ashjaei, Mälardalen University, Sweden.
16:20-16:45	Model-driven Development of Predictable Vehicular Software using the Rubus-ICE Toolchain Presenters: John Lundbäck and Mattias Gålnander, Arcticus Systems, Sweden.
16:45-17:00	Short break
17:00-17:25	Hard-Real Time is Hard: Hardware/Software technologies and abstractions for predictable execution in vehicular systems Presenter: Paulo Garcia, Carleton University, Ottawa, Canada.
17:25-17:50	Advanced Resource Management in Automotive Networks Presenter: Adam Kostrzewa, Technical University of Braunschweig, Germany.
17:50-18:30	Panel discussion Panel: all presenters Moderator: Saad Mubeen