Workshop Organizers
António Casimiro, FCUL
Jörg Kaiser, OVGU

Program Committee
Luis Almeida, FEUP
Leandro Becker, UFSC
Andrea Bondavalli, UNIFI
Thomas Fuhrman, GM
Karl Goeschka, TUWIEN
Rolf Johansson, SP
Marcelo Lemes, EMBRAER
Priya Narasimhan, CMU
Edgar Nett, OVGU
Stefan Schemmer, RT Solutions
Elad M. Schiller, Chalmers
Paulo Veríssimo, FCUL

PROGRAM

9:30-9:40 Welcome

9:40-10:30 Invited talk
Johan Karlsson, To agree or not to agree - on the design and analysis of real-time consensus protocols

10:30-11:30 Session 1: Dependability of sensor based systems
Session Chair: TBA
Luis Marques and António Casimiro. Towards Dependable and Stable Perception in Smart Environments with Timing and Value Faults
Tino Brade, Joerg Kaiser, Sasanka Potluri, Sebastian Zug. An approach supporting fault-propagation analysis for smart sensor systems

11:30-12:00 Coffee Break

12:00-13:30 Session 2: Safety issues in automotive applications
Session Chair: TBA
Christian Berger. From Autonomous Vehicles to Safer Cars: Selected Challenges for the Software Engineering
Kenneth Östberg and Rolf Johansson. Use of Quality Metrics for Functional Safety in Systems of Cooperative Vehicles