

**Registration (08:30-09:00)**

**Welcome (09:00-09:10)**

**Session 1: Mobility in Real-Time Networks**

Chair: Zdeněk Hanzálek

Rapporteur: Claro Noda

**Paper 1 (09:10-09:50)** On the Use of Code Mobility Mechanisms in Real-time Systems

Luís Lino Ferreira and Luís Nogueira (Polytechnic Institute of Porto, Portugal)

**Paper 2 (09:50-10:30)** Evaluating the Benefits and Feasibility of Coordinated Medium Access in MANETS

Authors: Marcelo Maia Sobral and Leandro Buss Becker (Federal University of Santa Catarina, Brazil)

**Coffee Break (10:30-10:50)**

**Session 2: Automotive Networks**

Chair: Michael Short

Rapporteur: Ricardo Severino

**Paper 3 (10:50-11:30)** Time Constrained FlexRay Static Segment Scheduling

Authors: Zdeněk Hanzálek, David Benes and Denis Waraus (Czech Technical University in Prague, Czech Republic)

**Keynote Speech (11:30-12:30)** The case for Ethernet in Automotive Communications

Speaker: Lucia LoBello (University of Catania, Italy)

**Lunch Break (12:30-13:30)**

**Session 3: Wireless Sensor Networks and Applications**

Chair: Mário Alves

Rapporteur: Vikram Gupta

**Paper 4 (13:30-14:10)** The Possibility of Wireless Sensor Networks for Commercial Vehicle Load Monitoring

Authors: Jieun Jung, Byunghun Song and Sooyeol Park (RFID/USN Convergence Centre, Republic of Korea / IT Convergence Research Center, Republic of Korea)

**Paper 5 (14:10-14:50)** Real-time routing for low-latency 802.15.4 control networks

Authors: Koen Holtman and Peter van der Stok (Philips Research, Eindhoven, The Netherlands).

**Paper 6 (14:50-15:30)** Quantifying the Channel Quality for Interference-Aware Wireless Sensor Networks

Authors: Claro Noda, Shashi Prabh, Carlo Alberto Boano, Thiemo Voigt and Mário Alves (Polytechnic Institute of Porto, Portugal / Universität zu Lubeck, Germany / Swedish Institute of Computer Science, Kista, Sweden)

**Coffee Break (15:30-15:50)**

**Session 4: Avionic Networks**

Chair: Eduardo Tovar

Rapporteur: Hossein Fotouhi

**Paper 7 (15:50-16:30)** Existing offset assignments are near optimal for an industrial AFDX network

Authors: Xiaoting Li, Jean-Luc Scharbarg, Christian Fraboul and Frédéric Ridouard (Université de Toulouse, France / University of Poitiers, France).

**Industry Lecture (16:30-17:30)** Networking in Modern Avionics: Challenges and Opportunities

Speaker: Sérgio Duarte Penna (Embraer S.A., São José dos Campos, Brazil).

**Session 5: Future Directions in Real-Time Network Research**

Chair: Jean-Dominique Decotignie (CSEM, Switzerland)

Rapporteur: Marcelo Sobral

**Panel Discussion (17:30-Close)**

Sérgio Duarte Penna (Embraer S.A., Brazil)

Lucia Lo Bello (University of Catania, Italy)

Christian Fraboule (Université de Toulouse, France)

Hermann Kopetz (Vienna University of Technology, Austria)