RTN'2012

The 11th International Workshop on Real-Time Networks,
July 10th, 2012, Pisa, Italy
In conjunction with the 24th Euromicro Conference on Real-Time Systems (ECRTS), July 11th – 13th, 2011, Pisa, Italy
http://www.ecrts12.ecrts.org

Final Call for Papers

The workshop is seeking original **research** and **position** papers dealing with hot topics in real-time networks. Innovative and/or controversial ideas are especially sought. Following the initiative previous editions, RTN 2011 once again encourages submissions on **Wireless Sensor Networks (WSNs) and their applications**. This year, we also encourage submissions on **Applications of real-time networks to avionics**. Prospective authors are also encouraged to address any issues about real-time, QoS and dependability in computer networks. Areas of interest include, but are not limited to:

- Wireless Sensor Networks (WSNs) and applications
- Real-time tracking
- Cyber-physical systems, internet of things
- Wireless technologies (IEEE 802.11, IEEE 802.15.4/ZigBee, WiMax, UWB, 6lowpan)
- Communication protocols: (MAC and network layer issues, distributed scheduling, soft-core implementation etc)
- Networked embedded systems, networked sensor systems and networked control systems
- Infrastructures for ubiquitous and pervasive computing systems
- Performance evaluation, simulation and modeling tools
- Real-time network management and time synchronization
- Quality of Service (QoS), dependable systems and safety systems
- Domotics and building monitoring / control systems (fire, gas and water detection, access controls/security, HAVAC etc)
- Robotics and real-time collaboration
- Automotive and aerospace networks / applications (CAN, FlexRay, TTP, etc)
- Implementation, experimentation and case Studies

Program Committee

Organizer / PC Chair: **Jean-Luc Scharbarg** (Université de Toulouse, France).
PC Members: **Luis Almeida** (University of Porto, Portugal), **Leandro Buss Becker** (Federal University of Santa Catarina, Brazil), **Gianluca Cena** (Politecnico di Torino, Italy), **Jean-Dominique Decotignie** (Swiss Center for Microtechnology CSEM), **Christian Fraboul** (Université de Toulouse, France), **Anis Koubaa** (Al-Imam University, KSA & CISTER Research Unit, Portugal), **Lucia Lo Bello** (University of Catania, Italy), **Pau Marti** (Technical University of Catalonia, Spain), **Daniel Mosse** (University of Pittsburgh, USA), **Luca Mottola** (SICS, Sweden), **Thomas Nolte** (MRTC/Mälardalen University, Sweden), **Binoy Ravindran** (Virginia Tech, USA) , **Thilo Sauter** (Austria Academy of Science, Austria) , **Michael Short** (Teesside University, UK), **Ye-Qiong Song** (LORIA, France), **Eduardo Tovar** (IPP-HURRAY, Portugal), **Andreas Willig** (University of Canterbury, New Zealand).

Submission of Papers

Submitted papers should follow the **IEEE conference format** and should not exceed **6 pages** in length. Submissions should be made using the START conference management system at: https://www.softconf.com/c/rtn2012/. All papers will be reviewed by the workshop Program Committee. Accepted papers will be made available to all participants **one week** before the workshop so that contributions can be examined prior to the event.

The deadline for submissions is the 1st May 2012
Notification of acceptance: 25th May 2012
Submission of camera-ready papers: 8th June 2012