

RTN'2011

The 10th International Workshop on Real-Time Networks, July 5th, 2011, Porto, Portugal

<http://www.rtn2011.org>

In conjunction with the 23rd Euromicro Conference on Real-Time Systems (ECRTS), July 6th – 8th, 2011, Porto, Portugal

<http://www.cister.isep.ipp.pt/ecrts11/>

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 building automation and control**. 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: **Michael Short** (Teesside University, UK).

PC Members: **Leandro Buss Becker** (Federal University of Santa Catarina, Brazil), **Anis Koubaa** (Al-Imam University, KSA & CISTER Research Unit, Portugal), **Binoy Ravindran** (Virginia Tech, USA), **Daniel Mosse** (University of Pittsburgh, USA), **Eduardo Tovar** (IPP-HURRAY, Portugal), **Gianluca Cena** (Politecnico di Torino, Italy), **Jean-Dominique Decotignie** (Swiss Center for Microtechnology CSEM), **Luca Mottola** (SICS, Sweden), **Lucia Lo Bello** (University of Catania, Italy), **Luis Almeida** (University of Porto, Portugal), **Pau Marti** (Technical University of Catalonia, Spain), **Ye-Qiong Song** (LORIA, France), **Zdenek Hanzalek** (TU Prague, Czech Republic), **Michael Schwarz** (Universitat Kassel, Germany), **Andreas Willig** (University of Canterbury, New Zealand), **Sheikh Imran** (University of Leicester, UK).

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/b/rtn2011/>. 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. **Revised and extended versions of the workshop papers will be published in the December 2011 issue of the ACM SIGBED Review.**

The deadline for submissions is the 3th May 2011

Notification of acceptance: 22nd May 2011

Submission of camera-ready papers: 5th June 2011