

## 7<sup>th</sup> International Workshop on Real-Time Networks RTN'08

<http://www.hurray.isep.ipp.pt/rtn2008/>

Prague, Czech Republic, July 1, 2008

in conjunction with the

20<sup>th</sup> Euromicro International Conference on Real-Time Systems

Prague, Czech Republic, July 2 - 4, 2008

### Workshop Chair

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### Program Committee

- **Mohamed Abid**  
(University of Sfax, Tunisia)
- **Luis Almeida**  
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- **Jean-Dominique Decotignie**  
(CSEM, Switzerland)
- **Sameh Gabriel**  
(Intel Corporation, USA)
- **Tian He**  
(University of Minnesota, USA)
- **Lucia Lo Bello**  
(University of Catania, Italy)
- **Daniel Mossé**  
(University of Pittsburgh, USA)
- **Paolo Pagano**  
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- **Shashi Prabh**  
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- **Jens B. Schmitt**  
(Univ. of Kaiserslautern, Germany)
- **Ye-Qiong Song**  
(LORIA-Univ. of Nancy- INPL, France)
- **Thiemo Voigt**  
(SICS, Sweden)
- **Andreas Willig**  
(TU Berlin, Germany)

### Important Deadlines

- **Submission of papers:**  
21 April 2008
- **Acceptance Notification:**  
23 May 2008
- **Submission of updated papers:**  
14 June 2008
- **Broadcast of papers:**  
20 June 2008
- **RTN Workshop:**  
1 July 2008
- **ECRTS Conference :**  
2-4 July 2008
- **Final versions:**  
8 September 2008

### Goals

The Euromicro Technical Committee organizes a number of satellite events attached to its 20<sup>th</sup> International Real-Time Systems Conference. The Real Time Networks (RTN, formerly RTLIA)) workshop is the seventh on the series of workshops that started at the 2002 Euromicro conference.

RTN focuses on the current technological challenges of today's and tomorrow's communication infrastructures featuring real-time, reliability, scalability and interoperability requirements.

The goal of this workshop is to bring together people from industry and academia that are interested in all aspects of real-time communications. The workshop will provide a relaxed yet very interactive forum to present and discuss new ideas, new research directions and to review current trends in this area. The workshop will be based on short presentations that should encourage discussion among the attendees. **Statements which are innovative, controversial or that present new approaches are specially sought.**

### 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 specially sought. This year, RTN 2008 particularly encourages submissions on **Wireless Sensor Networks and Applications**. 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 and Applications (highlight of this year)
- Real-Time Tracking
- Cyber-Physical Systems, Internet of Things
- Wireless Technologies (IEEE 802.11, IEEE 802.15.4/ZigBee, WiMax, UWB)
- Communication Protocols: (MAC and Network layer issues, distributed scheduling, etc.)
- Networked Embedded Systems
- Infrastructures for Ubiquitous and Pervasive Computing Systems
- Performance Evaluation, Simulation and Modeling Tools
- Real-Time Network Management
- Time Synchronization
- Quality of Service and Dependable Systems
- Domotics, Automotive Networks
- Implementation, Experimentation and Case Studies

**Submission of papers:** Submitted papers should be in the same format as in the final published proceedings (**6 pages** maximum, 2 columns, 10 pt). File formats can be either pdf or postscript. The papers will be reviewed by the workshop Program Committee. All accepted papers will be made available to all participants **one week** before the workshop so that contributions can be examined prior to the event. Each presentation session will have a "rapporteur", which enables to enrich the proceedings with a summary of each paper and corresponding presentation and discussions.