



CALL FOR PAPERS

The 28th IEEE Real-Time Systems Symposium

December 3-6, 2007

Tucson, Arizona, USA

Sponsored by the IEEE Computer Society
Technical Committee on Real-Time Systems



<<Submission Deadline Extension: 23:59 May 25 (UTC-06), 2007>>

Scope of the Conference

The 28th IEEE Real-Time Systems Symposium (RTSS) in Tucson will follow the format of recent RTSSs, with several tracks. RTSS is the premier conference in the area of real-time computing, presenting innovations in the field with respect to theory and practice.

RTSS provides a forum for the presentation of high-quality, original research covering all aspects of real-time systems design, analysis, implementation, evaluation, and case-studies. RTSS'07 continues the trend of making RTSS an expansive and inclusive symposium, looking to embrace new and emerging areas of real-time systems research.

RTSS'07 welcomes the submission of mature papers in several areas of real-time computing, including but not limited to scheduling; databases; observability; composability; security for real-time systems; tools and reduction to practice; control and adaptive RT systems theory; testing and debugging; modeling; formal methods; communications (wireless, wireline, and sensor networks); power, thermal, and energy management; embedded systems; sensor and implantable devices; robustness; fault tolerance and robustness; intelligent behavior; time-sensitive robotics; emergency/disaster management; embedded real-time systems and infrastructures; QoS support; real-time systems middleware.

In addition to the main real-time track, this year we will continue with the successful format of previous years with three specialized tracks:

- * Architecture and Composability for Cyber-Physical Systems
- * Hardware/Software Interaction and Co-design
- * Sensor Networks and Applications

Paper Submission Guidelines

Paper submissions should be no more than 10 pages in two-column, single-space, 10pt format that describe original work not previously published and not concurrently submitted elsewhere. Website: www.rtss.org (please visit for more detail)

Organizing Committee

General Chairs:

Tarek Abdelzaher, University of Illinois at Urbana Champaign, USA
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Special Track Chairs:

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Raj Rajkumar, Carnegie Mellon University, USA
Hardware/Software Interaction and Co-design
Samarjit Chakraborty, National University of Singapore, Singapore
Steve Liu, Texas A&M University, USA
Sensor Networks and Applications
Chenyang Lu, Washington University, St. Louis, USA

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Jörgen Hansson, Carnegie Mellon University, USA

Competition Chair:

Luis Almeida, Universidade de Aveiro, Portugal

Ex-Officio (TC-Chair):

Sang H. Son, University of Virginia, USA

Important Dates

May 18, 2007 – Deadline for paper submissions

<<Deadline Extension: 23:59 May 25 (UTC-06), 2007>>

August 31, 2007 – Notification of acceptance

September 28, 2007 – Camera ready paper due

December 3, 2007 – Workshops

December 3-6, 2007 – Symposium