

CALL FOR PAPERS

The 32nd IEEE Real-Time Systems Symposium – RTSS 2011

November 29 – December 2, 2011

Vienna, Austria

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



Scope of the Conference

The 32nd IEEE Real-Time Systems Symposium (RTSS) in Vienna, Austria, will follow the format of recent RTSSs, with multiple 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 experiences. RTSS'11 continues the trend of making RTSS an expansive and inclusive symposium, looking to embrace new and emerging areas of real-time systems research.

RTSS'11 welcomes the submission of mature papers in several areas of real-time computing, including but not limited to scheduling, databases, observability, composability, control and adaptive RT systems theory, modeling, formal methods, testing and debugging, WCET analysis, RT programming languages, compilers, hybrid systems, hardware/software co-design, RT operating systems, communications (wireless, wireline), QoS support, RT middleware, distributed systems, fault tolerance and robustness, security for real-time systems, tools and reduction to practice, power, thermal, and energy management, sensor and implantable devices, intelligent behavior, time-sensitive robotics, embedded systems, embedded real-time systems and infrastructures, emergency/disaster management.

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

- **Cyber-physical systems**
- **Design and Verification**
- **Wireless Sensor Networks**

Although authors will choose which tracks to submit papers to, a paper may be redirected to a more appropriate track. All papers will appear in the main program.

Paper Submission Guidelines

Paper submissions should be up to 10 pages, following the IEEE conference proceedings format, in a PDF document and must describe original work not previously published and not concurrently submitted elsewhere. Further information will be posted on the symposium website at www.rtss.org

Important Dates

May 8, 2011 – **FIRM** Deadline for paper submissions
July 29, 2011 – Notification of acceptance
September 11, 2011 – Camera-ready deadline
November 29, 2011 – Workshops
November 30 to December 2, 2011 – Symposium

Organizing Committee

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