

CALL FOR PAPERS



The 30th IEEE Real-Time Systems Symposium

December 1 – December 4, 2009
Washington, D.C., USA
Sponsored by the IEEE Computer Society
Technical Committee on Real-Time Systems



Scope of the Conference

The 30th IEEE Real-Time Systems Symposium (RTSS) in Washington, D.C., 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'09 continues the trend of making RTSS an expansive and inclusive symposium, looking to embrace new and emerging areas of real-time systems research.

RTSS'09 welcomes the submission of mature papers in several areas of real-time computing, including but not limited to scheduling; databases; observability; composability; security for RT 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; intelligent behavior; time-sensitive robotics; emergency/disaster management; embedded real-time systems and infrastructures; QoS support; real-time systems middleware, and cyber-physical systems.

Paper Submission Guidelines

Paper submissions should be 10 pages in two-column, single-space, 10pt format that describe original work not previously published and not concurrently submitted elsewhere. Please visit website www.rtss.org for more details.

Organizing Committee

General Chair:

Steve Goddard, University of Nebraska-Lincoln, USA

Program Chair:

Theodore P. Baker, Florida State University, USA

Special Track Chairs:

Cyber-Physical Systems

Wayne Wolf, Georgia Institute of Technology, USA

Design & Verification of Embedded Real-Time Systems

Oleg Sokolosky, University of Pennsylvania, USA

Wireless Sensor Networks

Chenyang Lu, Washington University, St. Louis, USA

Local Arrangements Chair:

Hakan Aydin, George Mason University, USA

Finance Chair:

Christopher Gill, Washington University, USA

CyberRescue Robotic Contest Chair:

Tullio Facchinetti, University of Pavia, Italy

Ex-Officio (TC-Chair):

Raj Rajkumar, Carnegie-Mellon University, USA

Important Dates

May 17 26, 2009 – *** Extended deadline for paper submissions ***

August 23, 2009 – Notification of acceptance

December 1, 2009 – Workshops

December 2-4, 2009 – Symposium