

CALL FOR PAPERS

The 36th IEEE Real-Time Systems Symposium

December 1 - December 4, 2015

San Antonio, Texas

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



Scope of the Conference

The IEEE Real-Time Systems Symposium (RTSS) is the premier conference in the area of real-time systems, 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'15 continues the trend of making RTSS an expansive and inclusive symposium, looking to embrace new and emerging areas of real-time systems research.

RTSS'15 welcomes submissions in all areas of real-time systems, including but not limited to operating systems, networks, middleware, compilers, tools, modeling, scheduling, QoS support, resource management, testing and debugging, design and verification, hardware/software co-design, fault tolerance, security, power and thermal management, embedded platforms, and system experimentation and deployment experiences.

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

- Cyber-Physical Systems
- Wireless Sensor Networks
- HW-SW integration and system level design

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 and proceedings. Papers in all tracks must address topics related to real-time systems.

Paper Submission Guidelines

All papers must be submitted electronically in PDF format, following the IEEE conference proceedings format and must describe original work not previously published or concurrently submitted elsewhere. The main body of each submitted paper is limited to 10 pages. Additionally, each submission may include an optional appendix with supplemental material that will be read at the discretion of the program committee; this appendix is limited to two pages (for 12 pages total). Authors of accepted papers that exceed 10 pages (due to the inclusion of an optional appendix) will be required to pay a fee for each page beyond the tenth. Submissions (including the optional appendix) must be formatted according to IEEE conference paper guidelines.

Organizing Committee

General Chair:

Chris Gill, Washington University in St. Louis

Ex-Officio (TC Chair):

Steve Goddard, University of Nebraska-Lincoln

Finance Chair:

Karl-Erik Arzen, Lund University

Local Arrangements Chair:

Dakai Zhu, University of Texas at San Antonio

Important Dates

May 15, 2015 – FIRM Submission Deadline

July 20, 2015 – Notification of Acceptance

August 31, 2015 – Camera-ready Deadline

December 1, 2015 – Workshops

December 2 to December 4, 2015 – Symposium

Program Chair:

Marco Caccamo, University of Illinois at Urbana-Champaign

Track Chairs:

Main Track: Marco Caccamo, UIUC

Cyber-Physical Systems: Xue Liu, Mc Gill

Wireless Sensor Networks: Rahul Mangharam, UPENN

HW-SW integration and system level design: Jian-Jia Chen,

TU Dortmund

Publicity Chairs:

Cong Liu, UT Dallas

Jinkyu Lee, Sungkyunkwan University

Björn Brandenburg, Max Planck Institute