



CALL FOR PAPERS  
**The 37<sup>th</sup> IEEE Real-Time Systems Symposium**  
November 29 – December 02  
Porto, Portugal  
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 theory, design, analysis, implementation, evaluation, and experiences. RTSS'16 continues the trend of making RTSS an expansive and inclusive symposium, looking to embrace new and emerging areas of real-time systems research.

RTSS'16 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
- HW-SW integration and system level design
- Internet of Things

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. 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:

Marco Caccamo, University of Illinois at Urbana-Champaign

### Ex-Officio (TC Chair):

James Anderson, University of North Carolina at Chapel Hill

### Track Chairs:

#### *Main Track:*

Frank Mueller, North Carolina State University

#### *Cyber-Physical Systems Track:*

Sibin Mohan, University of Illinois at Urbana-Champaign

#### *HW-SW integration and system level design Track:*

Jason Xue, City University of Hong Kong

#### *Internet of Things Track:*

Dakai Zhu, University of Texas at San Antonio

### WiP Chair:

Iain Bate, University of York

### Workshops Chair:

Song Han, University of Connecticut

## Important Dates

Submission Deadline (FIRM)	May 4, 2016 23:59 UTC-12
Rebuttal	June 19 – 21, 2016
Notification of Acceptance	July 15, 2016
Camera-ready Deadline	August 26, 2016
Workshops	November 29, 2016
Symposium	November 30 – December 02

### Program Chair:

Frank Mueller, North Carolina State University

### Panel and Industrial Chair:

Alexander Dean, North Carolina State University

### Finance Chair:

Karl-Erik Arzen, Lund University

### Publicity Chairs:

Cong Liu, University of Texas at Dallas

Jinkyu Lee, Sungkyunkwan University

Björn Brandenburg, Max Planck Institute

### Publications Chair:

Sibin Mohan, University of Illinois at Urbana-Champaign

### Chair of RTSS@work:

Heechul Yun, University of Kansas

### Web Chair:

Harini Ramaprasad, University of North Carolina at Charlotte