

22nd IEEE Real-Time and Embedded Technology and Applications Symposium (RTAS 2017)



<http://2017.rtas.org/>

Pittsburgh, USA, 18-21th April 2017

Program Chair:

Gabriel Parmer
The George Washington
University, USA

General Chair:

Rob Davis
University of York, UK

Track Chairs:

Track 1: Applications, RTOSs & Run-Time Software and Tools:

Gabriel Parmer
The George Washington
University, USA

Track 2: Applied Methodologies and Foundations:

Marcus Völp
The University of
Luxembourg,
Luxembourg

Track 3: Embedded Systems Design for Real-Time Applications:

Sebastian Altmeyer
University of
Amsterdam, NL

Important dates:

Submission deadline (FIRM):

13th Oct 2016

CALL FOR PAPERS

RTAS'17, the 23rd in a series of annual conferences sponsored by the IEEE, will be held in Pittsburgh, USA, as part of the Cyber-Physical Systems Week (CPSWeek) in April, 2017. CPSWeek 2017 will bring together leading conferences, including the International Conference on Information Processing in Sensor Networks (IPSN'17), the International Conference on Hybrid Systems (HSCC'17), the International Conference on Cyber-Physical Systems (ICCPs'17) and RTAS'17.

RTAS'17 invites papers describing original systems and applications, case studies, methodologies and applied algorithms that contribute to the state of practice in the broad field of embedded and open real-time systems and computing. The scope of RTAS'17 consists of three tracks:

Track 1: Applications, RTOSs, Run-Time Software and Tools,
Track 2: Applied Methodologies and Foundations, and
Track 3: Embedded Systems Design for Real-Time Applications.

Details of the requirements that each track places on submitted papers can be found on the conference website.

PAPER SUBMISSION

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 in total). Further details of submission requirements can be found on the conference website.

AWARDS

A selection of papers will receive recognition as **outstanding papers**, and will be highlighted as such in the conference proceedings. **Best paper** and **best student paper awards** will be presented at the conference.

CONFERENCE HIGHLIGHTS

The conference includes a **Work in Progress (WiP) and Demo session with posters**. This session is intended for presentation of recent and ongoing work, as well of demonstrations of tools and technology that have the potential to be used in the design and development of real-time systems.

PROCEEDINGS

The conference proceedings will be published by IEEE and indexed on IEEE Explore.

VENUE

RTAS '17 will be located in Downtown Pittsburgh, at the David L. Lawrence Convention Center. The Banquet will be at the Heinz History Center, Pennsylvania's largest history museum and a proud affiliate of the Smithsonian Institution.