11th Junior Researcher Workshop on Real-Time Computing
(JRWRTC 2017)

Grenoble, France, Oct. 4-6th, 2017

In conjunction with the 25th *International Conference on Real-Time and Network Systems* (RTNS 2017)

The purpose of the 11th Junior Researcher Workshop on Real-Time Computing is to bring together junior researchers working on real-time systems (PhD students, postdocs, etc). The workshop provides a relaxed forum to present and discuss new ideas, new research directions, and to review current trends in the real-time systems area and is based on both short presentations and a poster session to encourage stimulating discussions.

Important dates

Submission deadline: **Sep. 8th, 2017 (extended)**
Notification of acceptance: Sep. 18th, 2017
Final manuscript due: Sept. 22th, 2017
Conference: **Oct. 4-6th, 2017**

Workshop chairs

Mitra Nasri, Max Planck Institute for Software Systems
Guillaume Phavorin, Université de Poitiers, France

Program committee

Matthias Becker, Mälardalen University, Sweden
Alessandro Biondi, Scuola Superiore Sant'Anna, Italy
Simin Cai, Mälardalen University, Sweden
Dakshina Dasari, Robert Bosch GmbH, Germany
Frank Dürr, IPVS, University of Stuttgart, Germany
Pontus Ekberg, Uppsala University, Sweden
Tomasz Kloda, INRIA, France
Jing Li, Washington University in St. Louis, US
Morteza Mohaqeqi, Uppsala University, Sweden
Borislav Nikolic, CISTER/ISEP, Portugal
Abhilash Thekkilakattil, AtlasCopco Ind. Tech. R&D, Sweden
Georg von der Brüggen, TU Dortmund, Germany
Kecheng Yang, University of North Carolina at Chapel Hill, US

The scope of the JRWRTC 2017 includes (but is not limited to) the following areas:

- **Real-time system design and analysis**
  - task and message scheduling
  - modeling and verification
  - model-driven development
  - worst-case execution time estimation
  - distributed systems and fault tolerance
  - quality of service and security
  - real-time system benchmarking
- **Infrastructure and hardware for real-time systems**
  - wired and wireless communication networks
  - fieldbuses
  - networked control systems
  - sensor networks
  - power-aware scheduling
- **Software technologies for real-time systems**
  - compilers
  - programming languages
  - middleware and component-based technologies
  - operating systems
  - tools and benchmarks
- **Real-time applications**
  - automotive, avionics, telecommunications, process control, and multimedia

Paper Submission Guidelines

Submission guidelines: Authors can submit up to 4 pages in double column format, with 10pt font. Every submission should be co-authored by at least one junior researcher. A booklet containing the proceedings will be available on the web. One author of every accepted paper should be registered to the conference to present the paper in a talk and during the poster session.