

14th Junior Researcher Workshop on Real-Time Computing JRWRTC 2020

in conjunction with the

28th International Conference on Real-Time Networks and Systems (RTNS 2020)
Paris, France, June 9-10, 2020



The purpose of the 14th 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, to explore new research directions, and to review current trends in the real-time systems area. It is based on both short presentations and a poster session to encourage stimulating discussions.

Workshop Chairs

Catherine Nemitz, University of North Carolina at Chapel Hill

Roberto Medina, Inria Paris

Important Dates

Submission deadline: April 9, 2020

Notification of acceptance: May 4, 2020

RTNS early registration (tentative) : May 15, 2020

Final manuscript due: May 27, 2020

Conference: June 9-10, 2020

The scope of the JRWRTC 2020 includes (but is not limited to) the following areas:

- **Real-time system design and analysis:**
 - Task and message scheduling
 - Modeling, verification, and evaluation
 - Model-driven development
 - Worst-case execution time estimation
 - Distributed systems
 - Fault tolerance
 - Quality of service and security
- **Infrastructure and hardware for real-time systems:**
 - Wired and wireless communication networks
 - Fieldbuses
- **Power-aware scheduling**
- **Networked control systems**
- **Sensor networks**
- **Software technologies for real-time systems:**
 - Compilers and programming languages
 - Middleware and component-based technologies
 - Operating systems
 - Tools and benchmarks
- **Real-time applications:**
 - Automotive and Avionics applications
 - Process control
 - Telecommunications and Multimedia

Submission guidelines: Up to 4 pages, double column format, font no smaller than 10 points. Every submission should be co-authored by at least one junior researcher. One author of every accepted paper should be registered to the conference to present the paper in a talk and during the poster session. A booklet containing the proceedings will be available on the website of the workshop.

COVID-19 information: The conference is scheduled to be held as planned. The safety and well-being of all conference participants is our priority. We are following updates on the situation from the French government, the World Health Organisation (WHO) and the Center for Disease Control (CDC). We urge all attendees to keep informed on risks, precautions, and symptoms to make educated decisions.

Talks from the main conference can be live-streamed. We will make remote presentation arrangements with authors who are not able to attend due to travel restrictions.

Visit the homepage at <https://rtns2020.inria.fr/> and follow us on Twitter @rtnsconf #JRWRTC2020 for additional information or contact the chair via email at jw-rtns2020@inria.fr