

# 13th Junior Researcher Workshop on Real-Time Computing

**JRWRTC 2019 - November 6, 2019**

in conjunction with the

International Conference on Real-Time Networks and Systems (RTNS 2019)

**Toulouse, France, November 6-8, 2019**



The purpose of the 13th 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.

## Important Dates

~~Submission deadline: Sept. 1st, 2019~~

**Submission deadline: Sept. 10th, 2019**

Notification of acceptance: Sept. 27th, 2019

RTNS early registration deadline: Sept. 16th, 2019

Final manuscript due: Oct. 4th, 2019

Conference: Nov. 6th-8th, 2019

## Workshop Chair

Antonio Paolillo, ULB Brussels, Belgium

Benjamin Rouxel, UvA Amsterdam, Netherlands

## Program Committee

Akash Soni, IRIT, France

Borislav Nikolic, CISTER, Portugal

Cláudio Maia, CISTER, Portugal

Juan M Rivas, ULB, Belgium

Jun Xiao, University of Amsterdam, Netherland

Muhammad Ali Awan, CISTER, Portugal

Nicola Capodiecì, UNIMORE, Italy

Oana Andreea Hotescu, IRIT, France

Simon Rokicki, INRIA, France

Stefano Cherubin, Polytechnico di Milano, Italy

Stefanos Skalistis, INRIA, France

Syed Aftab Rashid, CISTER, Portugal

Tomasz Kloda, UNIMORE, Italy

Xavier Poczekajlo, ULB, Belgium

Yoann Marquer, INRIA, France

The scope of the JRWRTC 2019 includes (but is not limited to) the following areas:

### > Real-time system design and analysis:

- > Task and message scheduling
- > Modelling, 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
- > Networked control systems
- > Sensor networks
- > Power-aware scheduling

### > 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 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.