

15th Junior Researcher Workshop on Real-Time Computing (JRWRTC 2022)

in conjunction with the

30th Conference on Real-Time Networks and Systems (RTNS 2022)

Paris, France, June 7-8, 2022



The purpose of the 15th 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

Stéphan Plassart, EPFL, Switzerland

Lea Schönberger, TU Dortmund, Germany

Important Dates

Extended submission deadline: May 18, 2022

Notification of acceptance: June 1, 2022

Final manuscript due: June 3, 2022

Conference: June 7-8, 2022

The scope of the JRWRTC 2022 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
 - Field buses
 - 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
 - Medical applications

Submission guidelines: Up to 4 pages, double column format, font no smaller than 10 points, ACM template (see submission instructions of the main conference). Every submission should be co-authored by at least one junior researcher. One author of every accepted paper should be registered for 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.