The purpose of the 12th 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. 10, 2018 (extended)
Notification of acceptance: September 23, 2018
Final manuscript due: September 30, 2018
Conference: October 10-12, 2018

One co-authoring student of each accepted JRWRTC paper may register with the early registration fee for students shortly after the notification of acceptance.

**Workshop Chair**
Adriana Gogonel, Inria Paris, France
Georg von der Brüggen, TU Dortmund, Germany

**Program Committee**
Andreas Abel, Saarland University, Germany
Matthias Becker, KTH, Stockholm, Sweden
Khaoula Boukir, LS2N, France
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Florian Greff, IRT SystemX, Palaiseau, France
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Catherine E. Nemitz, UNC, USA
Antonio Paolillo, ULB, Belgium
Valentin Touzeau, Inria Grenoble, France
Maolin Yang, UESTC, China
Houssam-Eddine Zahaf, CRISTAL, France

The scope of the JRWRTC 2018 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
  - 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 no smaller than 9 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.

Visit the homepage at [https://rtns2018.ensma.fr/workshop.html](https://rtns2018.ensma.fr/workshop.html) and follow us on Twitter @rtnsconf #JRWRTC2018 for additional information or contact the chair via email at jw-rtns2018@ensma.fr