



# 6<sup>th</sup> Junior Researcher Workshop on Real-Time Computing JRWRTC 2012

in conjunction with the

[20th International Conference on Real-Time and Network Systems \(RTNS'2012\)](#)

Pont-à-Mousson, France, November 8-9, 2012

## Important dates:

Deadline for submission:	<b>23<sup>rd</sup> of Sept. 2012</b>
Notification of acceptance:	1 <sup>st</sup> of Oct. 2012
Final manuscript due:	8 <sup>th</sup> of Oct. 2012
Conference:	8 <sup>th</sup> -9 <sup>th</sup> of Nov. 2012

The purpose of the 6<sup>th</sup> Junior Researcher Workshop on Real-Time Computing (JRWRTC 2012) is to bring together junior researchers working on real-time systems (PhD students, postdoc). It will provide a relaxed forum to present and discuss new ideas, new research directions, and to review current trends in this area. The workshop will involve short presentations and a poster session to encourage discussions by the conference attendees.

The scope of the JRWRTC 2012 includes, but is not limited to, the following areas:

- **real-time system design and analysis:** task and message scheduling, modeling, verification, evaluation, model-driven development, worst-case execution time estimation, distributed systems, fault tolerance, quality of service, 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, programming languages, middleware and component-based technologies, operating systems, databases.
- **real-time applications:** automotive, avionics, telecommunications, process control, multimedia.

**Submission guidelines:** up to 4 pages, 2-columns format, font  $\geq 10$  points, PDF document. Every submission must be co-authored by at least one junior researcher.

The best paper will be rewarded by the "**Best Paper Award**" and its first author will be offered an **IPad 3!**

A separate booklet containing the proceedings will be available at the conference and on the web page of the conference. Please consult the website of the 20th International Conference on Real-Time and Network Systems ([rtns2012.loria.fr](http://rtns2012.loria.fr)) for further information on the available templates, registration, venue and hotel reservations.

## Workshop chairs

Vincent Nélis, CISTER/ISEP, Porto, Portugal  
Frédéric Fauberteau, CEA LIST, France

## Technical program committee

Matthieu Lemerre (CEA LIST, France)  
Thomas Megel (Télécom ParisTech, France)  
Manar Qamhieh (UPEMLV, France)  
Jose Marinho (CISTER/ISEP, Portugal)  
Younes Chandarli (UPEMLV, France)  
Ian Gray (RTSG/CS, York, UK)  
Gurulingesh Raravi (CISTER/ISEP, Portugal)  
Abusayeed Saifullah (DCSE/WUSTL, USA)  
Yue Lu (MDH, Sweden)  
Geoffrey Nelissen (ULB, Belgium)  
Dakshina Dasari (CISTER/ISEP, Portugal)  
Mike Holenderski (TU/e, Netherlands)  
Vinicius Petrucci (UFF, Brazil)