

# RTNS



## 2016

## Call for Papers



### 24<sup>th</sup> International Conference on Real-Time Networks and Systems

October 19-21, 2016

Brest, Brittany, France

<http://rtns16.univ-brest.fr>

#### PROGRAM CHAIRS

Sébastien Faucou  
Luis Miguel Pinho

#### GENERAL CHAIRS

Frank Singhoff  
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S. Baruah, L. Cucu-Grosjean,  
R. Davis, S. Faucou,  
L. George, J. Goossens  
(chair), I. Puaut, P. Richard,  
J.-L. Scharbag

#### IMPORTANT DATES

Paper submission: July 25  
Notification: September 8  
Camera-ready: September 22

#### PROGRAM COMMITTEE

Y. Abdeddaïm, M. Ahmed,  
S. Altmeyer, J. Anderson,  
S. Baruah, M. Bertogna,  
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J. Forget, A. Gogonel,  
J. Goossens, R. Grosu,  
D. Hardy, J. Hugues, M. Jan,  
K. Lampka, B. Lesage,  
C. Liu, C. Maiza, P. Minet,  
V. Nelis, D. Potop-Butucaru,  
S. Quinton, J. Reineke,  
P. Richard, L. Santinelli,  
J.-L. Scharbag, Y.-Q. Song



RTNS is a friendly conference with a great sense of community that presents excellent opportunities for collaboration. Original unpublished papers on all aspects of real-time systems and networks are welcome. The proceedings are published by the ACM ICPS.

RTNS covers a wide-spectrum of topics in real-time and embedded systems, including, but not limited to:

- **Real-time system design and analysis:** task and message scheduling, modelling, verification, evaluation, model-driven development, timing analysis, 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, control/computing co-design, sensor networks, power-aware techniques.
- **Software technologies for real-time systems:** compilers, programming languages, middleware and component-based technologies, operating systems, databases.
- **Applications:** automotive, avionics, space, railways, telecommunications, process control, multimedia.

#### HIGHLIGHTS

- Keynote talk by Sebastian Fischmeister, University of Waterloo, Canada
- Special focus will be given to the topic of "*Applying Formal Methods to Real-Time Systems Theory and Design*".
- A selection of the best papers will be identified as outstanding papers; the authors of these papers will be invited to submit extended versions to a special issue of the Springer Real-Time Systems journal.
- Prizes will be awarded for best paper, best student paper, and best presentation.

#### SUBMISSION OF PAPERS

Full papers must be submitted electronically via easychair, templates and submission link are available on the webpage of the conference. The papers are limited to 10 two-column pages in a font no smaller than 9 points.

#### CONFERENCE LOCATION

The conference will be located in Brest, a city in western Brittany, France. Brittany is a major French touristic area known for both its wild nature and its specific culture. Brest, located near the first French sea national park, hosts many water based activities, sailing events and even one of the largest aquaria of France called Océanopolis. Cultural events around Brest provide also good opportunities to discover Brittany culture. Many visits or tours are available at Brest and around, from hiking the coast or the landscape at Mont d'arrée, visiting maritime monuments as the National French Navy Museum at Brest, attending sailing events as sea tours on the old boat «La Recouvrance», or even discovering local food (e.g. Oyster producers). We hope to see you at Brest in October 2016 to enjoy both the conference and the social events that should show you some of the typical aspects of Brest and around.