CfP ECRTS 16: Toulouse, France, 5-8 July, 2016, 28th EUROMICRO Conference on Real-Time Systems

Submitted by Anonymous on Tue, 11/03/2015 - 5:42pm

CALL FOR PAPERS ECRTS 16
Submission deadline: 25 February 2016 (firm deadline)

28th EUROMICRO CONFERENCE ON REAL-TIME SYSTEMS

Toulouse, France | 5-8th, July 2016 | ecrts16.ecrts.org

Organized by the Euromicro Technical Committee on Real-Time Systems

THEME AND TOPICS OF INTEREST

ECRTS is the premier European venue for presenting research into the broad area of real-time and embedded systems. Along with RTSS and RTAS, ECRTS ranks as one of the top three international conferences on real-time systems.

Papers on all aspects of real-time systems are welcome. These include, but are not limited to:

APPLICATIONS: consumer electronics & multimedia; process & industrial control; smart infrastructure; healthcare; aerospace; automotive; telecommunications; cyber-physical systems.

INFRASTRUCTURE AND HARDWARE: communication networks; embedded devices; hardware/software co-design; power-aware & other resource-constrained techniques; multi/many-core architectures for real-time & safety; time synchronization; wireless sensor networks.

SOFTWARE TECHNOLOGIES: middleware; operating systems; runtime environments; virtualization and temporal isolation; software architecture; programming language & compiler support; component-based approaches.

SYSTEM DESIGN AND ANALYSIS: modelling and formal methods; probabilistic analysis; quality of service support; reliability, security and survivability; mixed-criticality systems; scheduling and schedulability analysis; worst-case execution
time analysis; validation and verification techniques.

**SUBMISSION OF PAPERS**

Full papers must be submitted electronically through our web form in a pdf format. Details on submission format and constraints will be announced shortly. Note that the submission deadline is a firm deadline and will not be extended. A selection of the best papers will receive outstanding paper awards, and will be highlighted as such in the conference proceedings. These papers will form the shortlist for a best paper award, which will be presented at the conference. At ECRTS’16, we aim to be more inclusive and thus accept a larger number of high quality papers than in recent years.

**CONFERENCE HIGHLIGHTS**

Following a successful tradition at ECRTS there will be a number of successful Satellite Workshops including: OSPERT-Operating Systems Platforms for Embedded Real-Time applications, WCET-Worst-Case Execution Time analysis, WATERS-Workshop on Analysis Tools and methodologies for Embedded and Real-time Systems, and RTSOPS-Real-Time Scheduling Open Problems Seminar. A special session will provide a platform for presenting and revisiting Industrial Challenges, issuing Call for Actions, and presentation of Work in Progress. Separate Calls for Contributions will be issued later for these. Please visit the website at ecrts16.ecrts.org for details.

Submission deadline: 25 February 2016 (firm deadline)
Workshops: 5 July 2016
Conference: 6-8 July 2016

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? LASER 2016 CFP Due 1/29/2016 ESWeek 2016: Final Call for Papers, Tutorials, Workshops ?