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 APPROACHES:** distributed embedded systems; communication networks; embedded devices; hardware/software co-design; power-aware & other resource-constrained techniques; multi/multicore 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. The material must be unpublished and not under submission elsewhere. Submissions must be self-contained and in the same format as the final published proceedings (10 pt font, 2 columns). **NEW FOR 2016:** The paper length is limited to 10 pages, plus the bibliography & acknowledgements. In other words, the content of the paper (excluding bibliography & acknowledgments) MUST fit entirely within the first 10 pages. The bibliography & acknowledgements may utilize the 11th and (exceptionally) the 12th pages, if necessary. **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**

ECRTS will hold a welcome service for first-time attendees. Following a successful tradition at ECRTS there will also 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 ecrts16.ecrts.org for details.

**PROGRAM COMMITTEE:**

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**LOCAL INFORMATION:** Toulouse is the 4th city of France with a dynamical economic environment including prominent companies such as Airbus. Toulouse is ideally located in Southern France between the Mediterranean sea and the Atlantic ocean. A city with an exceptional heritage, such as private mansions, religious buildings with brick and stone decorations, museums based in remarkable monuments. Toulouse is an active, bustling city where cultural life and economic activities go hand in hand.