8th European Congress

ERTS² 2016

27-29 JANUARY 2016 / TOULOUSE, FRANCE
CENTRE DE CONGRÈS PIERRE BAUDIS

EMBEDDED REAL TIME
SOFTWARE AND SYSTEMS

AUTHOR INSTRUCTIONS

PAPERS, PRESENTATIONS, SELECTION PROCESS

A written technical paper is required for each oral presentation. Original, unpublished papers are solicited. Selection will be made by the Programme Committee through a formal review process, based on extended abstracts. The list of Programme Committee members is available on the web site (http://www.erts2016.org). Through the submission process, authors guarantee that the submitted material is not covered by a prior copyright, and accept that the ERTS2 organising bodies have the right to edit, reproduce and distribute it in print format and/or electronic format.

ABSTRACT SUBMISSION

Authors are invited to upload, by **June 22nd 2015** to https://easychair.org/conferences/?conf=erts2016, their extended abstract :
- minimum 2 pages, maximum 4 pages,
- character size 10,
- in English, "PDF" format
- including name and affiliation of author(s)
- a list of keywords (in addition to the selection of the relevant conference topics performed on-line at submission
- a summary of the submission (denoted «Abstract» in the submission form)
- a positioning with regards to the state of the art
- a summary of major results.

The selected abstracts will be printed and distributed to the Conference participants. Therefore colours use in the abstracts is **NOT** recommended unless readability can be preserved in black-and-white printed form.

PAPER SUBMISSION

A shepherding process is in place in order to support the preparation of the final paper. Authors of each selected abstract will have to submit, by October 15th 2015, their full paper (maximum 10 pages, character size 10, in English, "PDF" format) to the programme committee member designated as the shepherd for this paper. After agreement final version of the paper shall be uploaded through the on-line submission process by **November 15th 2015**. The proceedings will be published on electronic support (and therefore colours may be used if needed).

ORAL PRESENTATION

Each accepted paper will get a 25' slot for an oral presentation in English at the Conference (20' presentation, 5' questions and answers), by one of its authors who must participate to the Conference.

The lecture room will be equipped with a video projector and a computer. Prior to each session, speakers will be invited to contact their session chair or Conference organisers so that their presentation slides (in English, "PPT" or "PDF" format) can be compiled on the appropriate computer before their session starts.

MAJOR TOPICS OF INTEREST

The conference encourages submission of research contribution, research - industrial transfer, industrial feedbacks on new technologies, position papers on major trends etc. in topics including, but not limited to:
- **Embedded computing platforms and networked systems:** Distributed architectures, Multi-core/ many core platforms, FPGA, Network embedded systems, Operating systems and executive services, Middleware, Virtualization, Service-oriented platforms, Energy management, Innovative architectures...
- **Processes, methods and tools:** Requirement engineering, Agility, Model-based system engineering, Formal methods, Components and reusability, Languages and compilers, Parallelisation techniques...
- **Dependability:** Safety, Security, Quality of service, Fault tolerance, Maintainability, Diagnostics, Prognostics, Certification...
- **Human system interactions:** Human Error, Automation Design and Function Allocation, User Centered Design Processes, User Interfaces for Command and Control Systems...
- **Virtual engineering:** Development, Simulation, Analysis, Optimisation, Decision making ...
- **Internet of Things (ioT):** Smart Devices, Smart grids, Smart buildings, Intelligent transportation systems, Predictable networking infrastructure, ...

BEST PAPER AWARDS

A best paper award will be granted per topic. The program committee will preselect finalists during the paper review phase. The jury will announce their decisions during the social event of ERTS 2016.

IMPORTANT DATES

Abstract submission
22/06/2015

Acceptance notification
16/09/2015

Full paper for review
15/10/2015

Final paper
15/11/2015

Conference
27-29/01/2016

Social event
28/01/2016