



AUTHOR INSTRUCTIONS

PAPERS, POSTERS, PRESENTATIONS, SELECTION PROCESS

Original, unpublished **regular papers** are solicited. Accepted regular papers will be published in the proceedings and presented in an oral session at the Congress. (Registration and presentation by one author is mandatory).

Short papers reporting on research work in progress are also solicited. Each accepted short paper will be published in the proceedings and presented as poster and in an oral session at the Congress (Registration and presentation by one author is mandatory).

Selection will be made by the Programme Committee through a formal review process, based on abstracts of regular papers and on short papers submissions. The list of Programme Committee members is available on the web site (<http://www.erts2020.org>).

Through the submission process, authors guarantee that the submitted material is not covered by a prior copyright, and accept that the ERTS organising bodies have the right to edit, reproduce and distribute it in print format and/or electronic format.

REGULAR PAPER SUBMISSION

First step (abstract submission):

Authors are invited to upload an abstract of their regular to: <https://easychair.org/conferences/?conf=erts2020>, in English, 'PDF' format, character size 10, minimum 2 pages, maximum 4 pages, containing:

- indication of the category ("abstract of regular paper");
- name and affiliation of author(s);
- keywords (in addition to the selection of the relevant Congress topics to do on-line at submission);
- summary of the intended final regular paper, focusing in particular on:
 - positioning with regards to the state of the art,
 - summary of major results.

Abstracts will be first reviewed by at least 3 members of the Programme Committee.

Second step (final submission):

A shepherding process is in place in order to support the preparation of the final regular paper for each selected abstract. Authors of each selected abstract will have to submit the 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 shepherd agreement, authors shall upload the final version of their regular paper through the on-line submission process.

The proceedings will be published on electronic support (and therefore colours may be used if needed).

SHORT PAPER SUBMISSION

First step (initial submission):

Authors are invited to upload their short paper to <https://easychair.org/conferences/?conf=erts2020>, in English, 'PDF' format, character size 10, minimum 2 pages, maximum 4 pages, containing:

- indication of the category ("short paper");
- name and affiliation of author(s);
- keywords (in addition to the selection of the relevant Congress topics to do on-line at submission);
- description of the research work in progress:
 - short positioning with regards to the state of the art;
 - short report of the current results and further plans;

Short Papers will be first reviewed by at least 3 members of the Programme Committee.

Second step (final submission):

Authors will have to revise their submission according to program committee feedback and to submit their full paper (maximum 4 pages, character size 10, in English, "PDF" format).

The proceedings will be published on electronic support (and therefore colours may be used if needed).

REGULAR PAPER ORAL PRESENTATION

Each accepted regular paper will get a 25' slot for an oral presentation in English (20' presentation, 5' questions and answers), by at least one of its authors who must register and participate to the Congress. 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 Congress organisers so that their presentation slides (in English, "PPT" or "PDF" format) can be compiled on the appropriate computer before their session starts.

SHORT PAPER POSTER PRESENTATION

The authors of accepted short papers will get a 5' slot for an oral presentation in English and will prepare a poster to be displayed and presented during dedicated sessions, by at least one of its authors who must register and participate to the Congress. Authors will be invited to contact the poster session chair to hook their poster in the adequate area. The Congress will not print any poster, so authors have to bring and hook their posters (portrait A1 format using English language).

BEST REGULAR PAPER AWARD

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 Congress dinner of ERTS 2020.

MAJOR TOPICS OF INTEREST

- **Embedded computing platforms and networked systems:**
Distributed architectures, Multi-core/manycore platforms, FPGA, Embedded networks, Middleware, Virtualisation, Service-oriented platforms, Energy-aware management
- **Processes, methods and tools:**
Agile techniques, AI based development methods, Model-based system engineering, Virtual engineering and simulation, Formal methods, Requirement engineering, Product line engineering, New programming, and verification languages
- **Resilience:**
Dependability, Safety, Cyber security, Quality of service, Fault tolerance, Maintainability, Diagnosis generation, Health monitoring, Certification
- **Human systems interaction:**
User interfaces for command and control systems, Human error evaluation, User-centred design, Automation design, and function allocation
- **Autonomous and connected systems:**
Adaptive systems and artificial intelligence, Robotics, Drones, Internet of Things (IoT), Intelligent systems, Ethical and legal issues.

IMPORTANT DATES

**ABSTRACT OF REGULAR PAPER
AND SHORT PAPER SUBMISSION**

June 9th 2019

ACCEPTANCE NOTIFICATION

September 18th 2019

REGULAR FULL PAPER FOR REVIEW

October 15th 2019

**REGULAR AND SHORT PAPER
FINAL VERSION**

November 10th 2019

CONGRESS

January 29th - 31st 2020

**PAPER AWARD ANNOUNCEMENT
AT CONGRESS DINNER**

January 30th 2020

