IEEE EUROCON 2017
6 – 8 July 2017 Ohrid, Republic of Macedonia

IEEE EUROCON 2017
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6 – 8 July 2017 Ohrid, Republic of Macedonia
http://eurocon2017.org/Home/SpecialSessions

Call for Paper (CfP)
Special Session SS–3:
"Multi-Core Safe and Software-Intensive Systems Improvement Community"

Important Date: Full paper submission deadline 30th January 2017

Abstract:
Multi- and many-core processors will be the technology that forms the basis of future control units in different domains like automotive, automation, avionics, transportation and medical systems. The spirit of this special session "Multi-Core safe and software-intensive Systems Improvement Community" is interchange of new approaches, solutions and experience in the field of multi- and many core embedded systems. Compared to sequential applications, the development of reliable and performant parallel software for multi- and many core systems and in general for heterogeneous parallel platforms is an emerging task.

The workshop aims at making parallelism available to a wide range of applications using appropriate and systematic software approaches to make accessible heterogeneous parallel hardware platforms.

Goals:

- We cover a broad variety of work that extends the knowledge and understanding of the software engineering and the parallel systems community as a whole.
- We want to establish and persist a significant research dialogue and push the architectural boundaries of multicore engineering.
- We intend to foster dependable (heterogeneous) parallel systems covering functional safety and security.
- We solicit original and unpublished articles of current research results or work in progress.
- We specifically invite both researchers and practitioners to submit early research work, technical sessions, or general discussions.

General Chair:
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Types of papers:

- research papers (academic or industrial)
- student research papers (the first author must be a MSc or PhD student at the time of initial paper submission)
- professional papers and presentations

Paper Submission: In order to upload the pdf version of your paper please visit
https://easychair.org/conferences/?conf=ieeeeurocon2017 . The working language of the conference is
English. The research contributions must be original, have neither been nor are intended to be published
elsewhere during the review period. Papers should strictly follow IEEE format and be limited to 6 pages.
All submissions will be refereed by experts in the field. The quality of the research papers will be assessed
based on its originality, significance and clarity. Authors should indicate theirs preference in oral or poster
presentation (the chairs, based on the reviewers recommendations, can change the presentation type).
Only presented research papers (academic, industrial and student) satisfying all IEEE standards will be
submitted to the **IEEEXplore** database (indexed by Inspec, Ei Compendex, Scopus, Web of Science and
Google Scholar) and are eligible for further submission to IEEE journals.

IEEE EUROCON 2017 Student Paper Competition: The student papers are research contributions
where the first author must be a MSc or PhD student at the time of initial paper submission. These paper
submissions are automatically entering the Student Paper Competition. The EUROCON 2017 Best Student
Paper Award is a tablet computer.

For more information please visit the conference web page:
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