



Embedded Systems Workshop

ESW 2013

May 21-22, 2013, Temešvár, Czech Republic

BACKGROUND

The first Embedded Systems Workshop is intended for the presentation of Ph.D. students' results and partial progress in their research in the field of all aspects of embedded systems design, testing and applications. The workshop is organized by members of two departments of the youngest faculty (Faculty of Information Technology) of the oldest technical university in Central Europe, the Czech Technical University in Prague – the Department of Digital design and the Department of Computer Systems. The idea of ESW is based on the cooperation with the Tel Aviv University and the main aim is to expand the mutual collaboration in the field of embedded systems research not only inside of EU. The ESW workshop will be based on oral presentations and will be focused on mutual communication and discussions.

SCOPE

The workshop ESW 2013 addresses emerging issues, hot problems, new solution methods, and their hardware and software implementations in the fields of digital and mixed-signal system design. It is especially focused on the dependable, low power design and testing methods related to the SoC technology and modern embedded applications:

- Programmable/Re-configurable/Adaptable Architectures
- SoC and NoC Design and Testing
- Digital Design Optimization Methods
- Architectures and Hardware for Security Applications
- On-line and Off-line Error Detection and Correction
- Testability Analysis
- Logic Synthesis
- Diagnosis & Testing of Embedded Systems
- Applications of (embedded) digital systems.

Submission Deadline: April 15, 2013

SUBMISSION OF PAPERS

Prospective authors are encouraged to submit extended abstracts of their manuscripts for review electronically through the following web page <https://www.easychair.org/conferences/?conf=esw2013> or by sending them to Workshop Chairs via email (only in the case of the web access problem) before the deadline for submission. The proposed theme of presentation has to be clear from this abstract.

The Proceedings in the form of the list of abstracts and presentation slides will be published on the ESW web page.

IMPORTANT DATES

Submission of papers: April 15, 2013

Notification of acceptance: April 30, 2013

Deadline for final version of abstract and presentations: May 15, 2013

Workshop Chairs: Hana Kubátová and Petr Fišer

CONTACT INFORMATION:

Hana Kubátová

Petr Fišer

Department of Digital Design

Faculty of Information Technology,

Czech Technical University in Prague,

Thákurova 9, Praha 6, 160 00,

Czech Republic.

Tel.: +420 224 359 840

e-mail: <mailto:kubatova/fiserp@fit.cvut.cz?subject=ESW2013>

PROGRAMME COMMITTEE

P. Fišer, CTU in Prague, Prague (CZ)

R. Dobai, BUT, Brno (CZ)

M. Pohronská, STU, Bratislava (SK)

J. Kašpar, CTU in Prague, Prague (CZ)

H. Kubátová, CTU in Prague, Prague (CZ)

I. Levin, Tel-Aviv University (Israel)

R. Lórencz, CTU in Prague, Prague (CZ)

M. Novotný, CTU in Prague, Prague (CZ)

S. Ratschan, CTU in Prague and AVCR Prague (CZ)

S. Racek, UWB, Pilsen, (CZ)

J. Schmidt, CTU in Prague, Prague (CZ)

T. Zahradnický, CTU in Prague, Prague (CZ)

IMPORTANT LINKS

Workshop web page: <http://esw2013.fit.cvut.cz/>