



Call for Papers – ESWeek 2012 – <http://www.esweek.org>

Embedded Systems Week (ESWeek), a federated conference including CASES, CODES+ISSS, and EMSOFT, is a forum for research in all aspects of embedded computing. ESWeek will be held in Tampere, Finland, October 7-12, 2012. Together with the three major conferences it also includes a number of guest conferences, workshops and tutorials.

Embedded computing systems are built from a collection of heterogeneous software and hardware components to meet a variety of real-world constraints, such as real-time behavior, power/energy consumption, and reliability. ESWeek attempts to provide a platform to discuss state-of-the-art research in this domain. Topics relevant to ESWeek include but are not limited to:

- Novel architectures for embedded systems and their components
- Performance/power/reliability analysis for embedded systems and their components
- Methodologies and tools for the design of embedded computing systems
- Networked and distributed embedded systems.
- Embedded software, models of computation, languages, analysis, optimization, and compilation
- Compilers and architectures for embedded systems
- Industrial practices, application case studies and emerging techniques
- Cyber-physical systems

ESWeek uses a single paper submission system for submissions to all the three constituent conferences; details may be found at <http://www.esweek.org>. However, authors are responsible for choosing the appropriate conference to which their paper will be submitted; conference selection is made as a part of the paper submission process. The three conferences (CASES, CODES+ISSS, and EMSOFT) have independent technical committees and technical programs, as well as separate review processes. ESWeek will not move a paper from one conference to another without the author's request in order to ensure that the paper is reviewed by the community to which the authors believe it is best suited.

Paper submission schedule:

- **Abstract submission: March 28, 2012**
- **Full paper submission: April 04, 2012**
- **Notification of acceptance: July 03, 2012**
- **Deadline for submitting camera-ready version: July 31, 2012**

All authors must register their paper title, abstract and affiliation by March 28, 2012, in order to be allowed to submit a full paper by April 04, 2012.

Contacts:

ESWeek General Chairs:

- Ahmed Jerraya, CEA, France
- Luca Carloni, Columbia University, USA

ESWeek Local Arrangement Chair: Jari Nurmi, Tampere University of Technology, Finland