

## Call for Papers

- CASES • CODES+ISSS • EMSOFT • IoT Day • Symposia • Workshops • Tutorials •

### About Embedded Systems Week (ESWeek)

ESWeek is the premier event covering all aspects of embedded systems and software. By bringing together three leading conferences (CASES, CODES+ISSS, and EMSOFT), a special IoT Day, several symposia (like ESTIMedia, RSP), and hot-topic workshops and tutorials, ESWeek presents attendees a wide range of topics unveiling the state of the art in embedded systems design and HW/SW architectures.

### One Registration, three Conferences !

Registered attendees are entitled to attend sessions of all conference CASES, CODES+ISSS, EMSOFT, and the IoT Day. Symposia, workshops and tutorials require separate registration.

### Abstract Submission:

April 1, 2016

### Full Paper Submission:

April 8, 2016 (Firm deadline)

### Workshop & Tutorial Proposals:

April 8, 2016

### Notification of Final Acceptance:

July 1, 2016

### Conference:

October 2-7, 2016

## CASES

### International Conference on Compilers, Architecture, and Synthesis for Embedded Systems

CASES is a forum where researchers, developers and practitioners exchange information on the latest advances in compilers and architectures for high performance embedded systems. In addition to our core areas of technical interest including embedded system architectures, compilers and embedded systems software, memory architectures, architectures targeting power, reliability and security, and emerging application domains, we especially encourage papers that address architectural synthesis and compiler techniques for heterogeneous and accelerator-rich architectures.



### International Conference on Hardware/Software Codesign and System Synthesis

The International Conference on Hardware/Software Codesign and System Synthesis is the premier event in system-level design, modeling, analysis, and implementation of modern embedded and cyber-physical systems, from system-level specification and optimization down to system synthesis of multi-processor hardware/software implementations. The conference is a forum bringing together academic research and industrial practice for all aspects related to system-level and hardware/software co-design. High-quality original papers will be accepted for oral presentation followed by interactive poster sessions.

## EMSOFT

### International Conference on Embedded Software

The ACM SIGBED International Conference on Embedded Software (EMSOFT) brings together researchers and developers from academia, industry, and government to advance the science, engineering, and technology of embedded software development. Since 2001, EMSOFT has been the premier venue for cutting-edge research in the design and analysis of software that interacts with physical processes, with a long-standing tradition for results on cyber-physical systems, which compose computation, networking, and physical dynamics.

## IoT Day

### Internet of Things: A Holistic Perspective

(IoT Day is part of CODES+ISSS)

Recent advances have led to a vision of a future Internet that connects diverse physical entities, ranging from commonplace household appliances to smart city infrastructure. This Internet of Things brings challenges in research areas including cyber-physical systems, networked sensing, wireless networking, and cloud computing. The IoT Day is designed as a meeting point for researchers with the purpose of exchanging examples of relevant domain challenges and identifying new and exciting interdisciplinary research directions via a combination of contributed and invited papers, talks and panels.

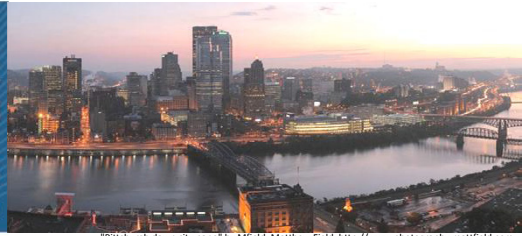
**Paper Process:** This year ESWeek will introduce a two-stage review process in order to further increase quality. Papers passing the first stage of reviews will be asked to revise their work based on reviewer comments within a short time frame of around two weeks. Revised papers will then enter a second stage of reviews to decide on final acceptance. For details, see <http://esweek.org/author-information>



# Embedded Systems Week

[www.esweek.org](http://www.esweek.org)

October 2-7, 2016  
Pittsburgh, USA



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- Lothar Thiele, Swiss Federal Institute of Technology, Zurich, CH (Vice General Chair)

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- Co-Chair: Laura Pozzi, University of Lugano, CH

### CODES+ISSS:

- Chair: Andreas Gerstlauer, University of Texas At Austin, US
- Co-Chair: Andy Pimentel, University of Amsterdam, NL

### EMSOFT:

- Chair: Petru Eles, Linköping University, SE
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