



Embedded Systems Week October 24-29, 2010 Call for participation

Venue Phoenix-Scottsdale's The Westin Kierland Resort



1 registration, 3 conferences

Embedded Systems Week, a federated conference including CASES, CODES+ISSS and EMSOFT, is a forum for research in all aspects of embedded computing. Registered attendees can freely attend all the three conferences – CASES, CODES+ISSS, & EMSOFT – with only one registration! (Associated workshops require separate registration).

Advance registration for the three conferences, tutorials and workshops is available at www.esweek.org and will close on September 30, 2010. Special prices for hotel reservation are available until September 23.

ESWeek General Chairs:
Samarjit Chakraborty and **Donatella Sciuto**
ESWeek Organisation Chair: **Karamvir S. Chatha**
ESWeek Financial Chair: **Franco Fummi**

Conferences

	<p>International Conference on Compilers, Architecture, and Synthesis for Embedded Systems Program Chairs: Reid Tatge & Vinod Kathail</p>
	<p>International Conference on Hardware - Software Codesign and System Synthesis Program Chairs: Adam Donlin & Tony Givargis</p>
	<p>International Conference on Embedded Software Program Chairs: Luca Carloni & Stavros Tripakis</p>

ESWeek will be held in Scottsdale Arizona, from October 24 to 29, 2010. It will feature three major embedded systems conferences and a number of workshops and tutorials.

The keynote speakers for this year will be Vida Ilderem (Vice President, Intel Labs), Tom Henzinger (IST Austria) and John L. Hennessy (Stanford University).

Six half-day tutorials on Sunday, October 24, 2010:

- *Modeling and Analyzing Real-Time Multiprocessor Systems*, Organizer: Marco Bekooji (NXP)
- *Exploring Models of Computation using Ptolemy II*, Organizer: Christopher Brooks (UC Berkeley, USA)
- *Model-based Analysis, Synthesis and Testing of Automotive Hardware/Software Architectures*, Organizer: Samarjit Chakraborty (TU Munich, Germany)
- *Quantitative System Validation in Model-Driven Design*, Organizer: Kim Guldstrand Larsen (Aalborg University, Denmark)
- *MNEMEE - A Framework for Memory Management and Optimization of Static and Dynamic Data in MPSoC Systems*, Organizer: Arindam Mallik (IMEC, Belgium)
- *Challenges for Embedded Multicore Architectures*, Organizer: Luigi Carro (UFRGS Brazil)

The following workshops will be held during the same week and will require a separate registration. A SystemC user group meeting will be held in conjunction with the conference on Monday October 25, after the regular sessions.

WFCD Artist Design Workshop on Foundations of Component Based Design	October 24, 2010
WESS10 Workshop on Embedded Systems Security	October 24, 2010
ESTIMEDIA 8th IEEE Workshop on Embedded Systems for Real-Time Multimedia	28-29 October 2010
WCPS First Workshop on Diversity in Embedded Computing and Cyber-Physical Systems	28 October 2010
IWSSPS The Fifth International Workshop on Software Support for Portable Storage	28 October 2010
WESE Embedded Systems Education	28 October 2010
CASA10 Workshop on Compiler Assisted SoC Assembly	28 October 2010
WSS'10: Workshop on Software Synthesis	29 October 2010

A Xilinx academic workshop will also be co-hosted on Thursday and Friday October 28 and 29.