

ESWEEK—three major conferences on embedded systems design:

CASES

International Conference on Compilers, Architecture and Synthesis for Embedded Systems, www.casesconference.org

CODES+ISSS

International Conference on Hardware/Software Codesign and System Synthesis, www.codesisss.org

EMSOFT

International Conference on Embedded Software, www.emsoft.org

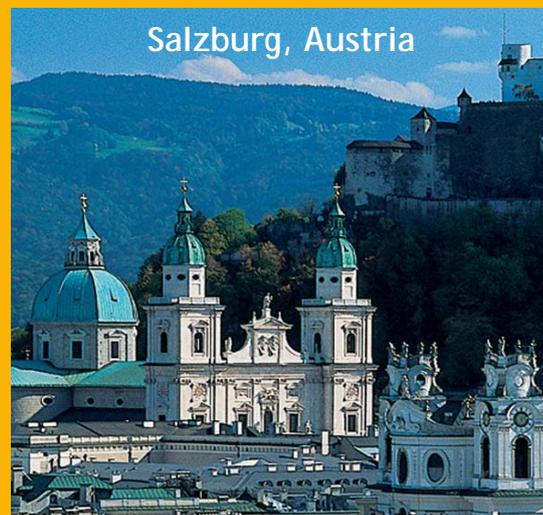
Two guest conferences

FORMATS

International Conference on Formal Modelling and Analysis of Timed Systems, www.ulb.ac.be/di/formats07

GPCE

International Conference on Generative Programming and Component Engineering, www.gpce.org



HIGHLIGHTS

Monday Keynote

"User-Centered Semiautomatic Assistive Devices"
—Prof. Jane Liu, Academia Sinica, Taiwan

Tuesday Keynote

"Complexity Challenges towards 4th Generation Communication Solutions"
—Prof. Hermann Eul, Infineon, Germany

Wednesday Keynote

"Multicore Architectures"
—Prof. Trevor Mudge, University of Michigan, Ann Arbor, USA

Sunday Tutorials (Free to conference registrants)

Morning:

"Performance Analysis of Distributed Embedded Systems"
—Lothar Thiele, Swiss Federal Institute of Technology (ETH)

"Beyond Gaming: Programming the PLAYSTATION3 Cell Architecture for Cost-Effective Parallel Processing"—Rodric Rabbah, IBM

Afternoon:

"Proving the Absence of Run-Time Errors in Safety-Critical Avionics Code"
—Patrick Cousot, Ecole Normale Supérieure (ENS)

"Compiling Code Accelerators for FPGAs"
—Walid Najjar, UC Riverside

One registration covers three conferences: registered attendees to CASES, CODES+ISSS or EMSOFT will be allowed to attend sessions of the other conferences as well for free! Tutorials are also free with conference registration!

For the full advance program of ES Week, registration and hotel information, please visit www.esweek.org

Panels

"Grand Challenges in Embedded Software"

"Automotive Networks - Are New Busses and Gateways the Answer or Just Another Challenge?"

Special Sessions

"Fresh Air: The Emerging Landscape of Design for Networked Embedded Systems"

"Practical Approaches to System-Level Performance Analysis"

Regular Paper Sessions

The three conferences offer 34 sessions and over 120 presentations on a range of embedded system topics.

Associate Workshops (separate registration required)

WFCD'07 2nd Workshop on Foundations of Component-based Design (Sept. 30, 2007)

CASA'07 Workshop on Compiler Assisted SoC Assembly (Sept. 30, 2007)

ESTIMEDIA'07 5th IEEE Workshop on Embedded Systems for Real-Time Multimedia (Oct. 4-5, 2007)

WASP'07 Workshop on Application Specific Processors (Oct. 4-5, 2007)

WESE'07 Workshop on Embedded Systems Education (Oct. 4-5, 2006)

WESS'07 2nd Workshop on Embedded Systems Security (Oct. 4, 2007)