September 2012 Monthly Update

IEDEC 2013 Extended Call For Papers - Submit Now!

The Interdisciplinary Engineering Design Education Conference is a premier event committed to further the education in engineering design with the ultimate goal of improving the quality of engineering designers worldwide. The conference is intended for educators, mentors, engineers, managers, researchers, students, as well as industry companies and consortiums who desire excellence in interdisciplinary engineering education and have created or need to create interdisciplinary programs and products. IEDEC further strives to promote the engineering design profession and to highlight the important role of engineering in all aspects of human life. The conference provides a forum for sharing ideas; learning about developments in engineering design education; and interacting with professionals, experts, and colleagues in the field.

Curriculum

The following new and updated courses are now available. Visit Members Only with your SolvNet ID and password to download.

- Optimization Methods - Updated!
- Synthesis Basics - New!
- Nanoscale Electronic Materials - New!
- Advanced Topics in Solid State Devices - New!
- Compiler Optimization and Code Generation - New!

Articles

Low-Power Functionality Enhanced Computation Architecture Using Spin-Based Devices
Purdue University: Various Authors

Allocator Implementations for Network-on-Chip Routers
Stanford University: Daniel Becker and William Dally

Effect of Nonlinear Summation of Synaptic Currents on the Input-Output Properties of Spinal Motoneurons
Queens University: S. Cushing, T. Bui and P.K. Rose

AXR-CMP: Architecture Support in Accelerator-Rick CMPs
University of California, Los Angeles: Various Authors

Upcoming Events

IFIP/IEEE International Conference on Very Large Scale Integration 2012 (VLSI-SoC)
October 7-10, 2012
Santa Cruz, CA

International SOC Conference 2012 (ISOCC)
November 4-7, 2012
Jeju, Korea

DesignCon 2013
January 28-31, 2013
Santa Clara, CA

Call for Papers

- IEDEC 2013
  Due By: October 12, 2012

- IEW 2013
  Due By: November 19, 2012

- ICSIPR 2013
  Due By: December 1, 2012

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