February Update - Last chance to register for IEDEC 2014!

Register Now for IEDEC 2014!

The Interdisciplinary Engineering Design Education Conference (IEDEC) technical program featuring invited talks by industry and academia experts as well as technical presentations covering critical issues related to excellence in interdisciplinary engineering design education is now available. Make sure to register today to attend IEDEC.

IEDEC will be held on March 3, 2014 at the Santa Clara Convention Center in Santa Clara, California.

Curriculum

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

- Advanced Integrated Circuits - New!
- Programming in Linux Operating Environment - New!
- Scripting Languages 2 - New!
- Software Testing - New!
- Analog Integrated Circuits - Updated!
- IC Simulation Theory - Updated!
- IC Testing - Updated!
- Introduction to RF Communication - Updated!
- Logic Design - Updated!
- Microprocessor Systems - Updated!
- RF Circuits - Updated!
- Synthesis and Optimization of Digital Integrated Circuits - Updated!

Articles

Analysis of Si, InAs, and Si-InAs Tunnel Diodes and Tunnel FETs Using Different Transport Models
Purdue University and ETH Zurich: Andreas Schenk, Reto Rhynner, Mathieu Luisier, and Cedrick Bessire

A 16Gbps Low Power Self-Timed SerDes Transceiver for Multi-Core Communication
Nile University and Northwestern University: Ezz El-Din Hussein, Sally Safwat, Maged Ghoneima, and Yehea Ismail

A Digital Architecture for Real-time Nonuniformity Correction of Infrared Focal-Plane Arrays
Universidad de Concepcion: Rodolfo Redlich and Miguel Figueroa

Upcoming Events

IEEE Latin American Test Workshop (LATW 2014)
March 3 - 5, 2014
Fortaleza, Brazil

Design, Automation & Test in Europe (DATE 2014)
March 24 - 28, 2014
Dresden, Germany
International Symposium on Physical Design (ISPD)
March 30 - April 2, 2014
Petaluma, California
6th International Conference on Computer Supported Education (CSEDU)
April 1 - 3, 2014
Barcelona, Spain

Call for Papers

- International Workshop on Logic and Synthesis (IWLS)
  Due By: February 28, 2014
- Semicon West 2014
  Due By: March 17, 2014
- SIGDA PhD Forum at DAC 2014
  Due By: March 25, 2014
- East-West Design and Test Symposium
  Due By: July 1, 2014