



# MSE 2011

## 8<sup>th</sup> IEEE International Conference on Microelectronic Systems Education

June 4 – 6, 2011, San Diego, California

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



## PRELIMINARY CALL FOR PAPERS

The IEEE Computer Society International Conference on Microelectronic Systems Education is the premier conference dedicated to furthering undergraduate and graduate education in designing and building innovative microelectronics systems. The conference is held in the U.S. in odd years, and in Europe in even years, when it is called the European Workshop on Microelectronics Education (EWME). MSE is co-located with the Design Automation Conference (DAC).

### Topics of Interest

The MSE conference provides an excellent opportunity for educators and industry to work together to ensure continued excellence in the field of microelectronic systems. Of particular interest is incorporation of emerging trends in the microelectronic system industry and research into the classroom.

Papers are invited in (but not limited to) the following areas:

- Pedagogical innovations using a wide range of technologies, including nanometer-scale integrated circuits, low-power design, nanotechnology, application-specific integrated circuits (ASICs), field programmable gate arrays (FPGAs), multicore/manycore processors, graphics processing units (GPUs), sensor networks, and embedded systems.
- Educational techniques including novel curricula and laboratories, assessment methods, distance learning, textbooks, and design projects.
- Industry and academic collaborative programs and teaching.
- Preparing students for industry, entrepreneurship, academics, and/or research.

### Submission

Papers submitted to MSE 2011 should not exceed four (4) pages in length. Submissions must comply with IEEE Computer Society formatting requirements. Submissions in pdf or postscript format may be submitted on-line at [www.mseconference.org](http://www.mseconference.org). Submissions will be judged on originality, appropriateness, technical strength, assessment, and other relevant criteria. Expanded versions of selected papers will be considered for inclusion in a special issue of IEEE Transactions on Education based on MSE 2011.

### Important Dates

Submission of papers:	<b>January 7, 2011</b>
Notification of acceptance	<b>March 11, 2011</b>
Submission of final papers	<b>April 8, 2011</b>

### Program Chair

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### Demonstrations at the SIGDA University Booth at DAC

The MSE conference is collaborating with the SIGDA/DAC University Booth located on the Design Automation Conference floor, to schedule a special session on Microelectronics Systems Education on Monday, June 6, 2011 in the afternoon just following the official close of the conference. MSE participants are invited to conduct demonstrations of their projects during this special session and/or throughout the week during DAC. MSE contributors who wish to participate in this event are requested to register their demonstration at the University Booth website, [www.sigda.org/ubooth.html](http://www.sigda.org/ubooth.html). Registration typically opens three months prior to the Design Automation Conference.