



MSE 2011

8th IEEE International Conference on Microelectronic Systems Education

June 5 – 6, 2011, San Diego, California

www.mseconference.org



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FINAL CALL FOR PAPERS

Deadline Extended to January 31, 2011

“Wireless Sensor Networks: Educational Opportunities and Challenges”

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. This year’s theme, “Wireless Sensor Networks – Educational Opportunities and Challenges” focuses on the impact of these networks in microelectronic systems education.

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), embedded systems, and wireless sensor networks.
- 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. Additional guidelines and submission instructions are available at 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*.

Important Dates

Submission of papers:
Notification of acceptance
Submission of final papers

(Deadline Extended)

~~January 21, 2011~~ **January 31, 2011**
~~March 11, 2011~~ **March 18, 2011**
April 15, 2011

Program Chair

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General Chair

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