



2013 Frontiers in Education Conference October 23-26, 2013 | Oklahoma City, OK

CALL FOR PAPERS

Abstract Deadline: February 1, 2013



Overview

The 43rd Annual Frontiers in Education (FIE) Conference is a highly-respected major international conference focusing on educational innovations and research in engineering and computing. FIE 2013 continues a long tradition of disseminating results in these areas. It is an ideal forum for sharing ideas; learning about developments in computer science, engineering, and technology education; and interacting with colleagues in these fields.

Given the host site's unique history and culture, focus areas will include:

- ❖ Diversity initiatives, for example with the Native American community.
- ❖ Energy engineering education, for example hydrocarbon and renewable technologies.
- ❖ Interdisciplinary programs, for example, at the interface between engineering and meteorology.

Presentation Formats

Proposals for participation in the 2013 FIE Conference can be submitted in the following formats:

- ❖ Papers: full paper
- ❖ Papers: work-in-progress
- ❖ Special sessions
- ❖ Panels
- ❖ Workshops

Each of these formats is described on the FIE Web site:
<http://fie2013.org/content/authors>

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Paper Tracks

FIE welcomes full papers up to six-pages and work-in-progress papers up to three-pages that address the broad tracks of (1) innovative practice, (2) research-to-practice, and (3) research. Work-in-progress papers are typically in frontier areas where it is understood the work is in an early or intermediate stage and authors are seeking feedback from the community. Additional information may be found on the FIE 2013 Web site.

Paper abstracts must be submitted by **February 1, 2013** and a preliminary version of the paper by **April 1, 2013**. All submissions will be peer reviewed by at least three reviewers. If accepted, final versions of the papers as they will appear in the conference proceedings must be submitted by **June 1, 2013**.

Paper Topics include but are not limited to:

- Integrating Design throughout the Curriculum
- Approaches to Student-Centered Education
- Assessment and Evaluation Strategies/Approaches
- Engineering Innovation and Entrepreneurship
- Engineering in International Contexts
- Experiential Learning
- First and Second Year Programs
- Game-Based Learning
- Mobile Learning Applications
- Philosophy of Engineering and Engineering Education
- Primary and Secondary (pK-12) STEM Education, Pre-University Initiatives and Partnerships
- Cognitive and Affective Domains of Learning
- Student Decision Making
- Student Beliefs, Motivation, and Persistence
- Using Learning Theories in Education Research
- Distance Education
- Online Learning
- Faculty Development
- Student as Learner
- Inclusivity and Diversity Initiatives
- Software Engineering, Computing & Informatics Education
- Electrical and Computer Engineering Education
- Teams, Communication and Profession
- Pathways to Engineering Degrees
- Energy Engineering Education
- Interdisciplinary Programs
- Industrial partnerships and collaborations
- Open Educational Resources and Practices
- Educating Students on Professional Ethics

Proposed paper topics in frontier areas are highly sought. The Program Committee requests the proposal of new topics by **January 1, 2013**.

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