

2013 ASEE International Forum – “Preparing the Global Engineer”

Call for Papers

You are invited to submit a paper for presentation at the 2nd Annual ASEE International Forum, to be held in Atlanta, Georgia, on June 22, 2013, immediately preceding the 2013 ASEE Annual Meeting. The purpose of the International Forum is to bring together engineering professionals from academia and industry from around the globe who are engaged in novel engineering education initiatives to share information on experiences and best practices. There is particular interest in highlighting engineering education activities involving at least two nations.

The theme of this year’s International Forum is “Preparing the Global Engineer”, in recognition of the rapid and ongoing globalization of modern engineering practice. Authors are encouraged to speak to one or more facets of this theme in their submissions, e.g., innovative use of technology, online techniques, efficient curricula, or internationalized education.

The program will consist of three (3) parallel tracks and one poster session on Saturday, June 22; each track will have two paper sessions for a total of six (6) sessions. The topical foci of the three tracks are:

Student Development:

This program track welcomes scholarly reports on efforts to develop and assess desired student learning outcomes across an array of technical and non-technical knowledge, skills, and abilities relevant to engineering practice in modern globalized engineering contexts.

Curriculum and Laboratory Development:

This program track welcomes scholarly reports on the efforts to (a) develop innovative materials that incorporate effective educational practices to improve student learning, including the development of textbooks or software, and (b) improve education in engineering and technology at academic institutions through adaptation and implementation of exemplary materials, laboratory experiences, and/or educational practices that have been developed and tested at other institutions

OR

Scholarly reports on innovative means of providing students with hands-on opportunities to (a) acquire technical skills and knowledge, (b) integrate theoretical knowledge with practical skills, and (c) learn to use fundamental and advanced technical tools and methods.

Faculty Development:

This program track welcomes scholarly reports on efforts to enhance faculty knowledge of (a) new and emerging technical areas, as well as (b) proven and innovative teaching methods including knowledge of effective student assessment methods. There is particular interest in how faculty members are prepared to integrate this knowledge into courses, curricula, and laboratories.

Members of the ASEE community and their global partners are invited to submit abstracts for papers to be presented at the International Forum highlighting initiatives or projects fitting within the topical areas outlined by one or more of the above three tracks. The abstracts and subsequent papers will be evaluated by the Organizing Committee for quality and best-fit with the aim of planning well-balanced sessions. Papers might be selected to be presented during the parallel tracks (mini-lecture format) or during the poster session.

In addition, each of the three focus societies (International Society for Engineering Education; Australasian Association for Engineering Education; World Federation of Engineering Organizations) is invited to submit two special, endorsed papers for each topical track (total of six papers) highlighting engineering education activities at the international level. These papers should focus on collaborative engineering programs involving at least two countries, with an emphasis on initiative goals, structure of the collaboration, and lessons learned.

Important Dates:

- December 15, 2012 – Abstract submission open
- February 1, 2013 – Abstract submission closed
- February 15, 2013 – Abstract decision and recommendations to authors
- March 15, 2013 – Final paper submissions due
- March 29, 2013 – Notification of authors
- April 19, 2013 – Final versions of papers due and Registration due

Submission Guidelines:

Abstracts should follow the ASEE International Forum Abstract Format guidelines posted on the meeting website (<http://www.asee.org/conferences-and-events/conferences/international-forum/2013/call-for-papers>). The abstract should be sufficiently complete to enable the Program Committee to determine the paper's suitability for presentation at the International Forum.

Review occurs for both abstracts and full papers; abstract acceptance does not guarantee acceptance of the paper. Full papers must be accepted and presented by an author attending the Forum in order to be published in the proceedings.

Abstracts and papers should be submitted through the [Paper Management System](https://www.asee.org/public/person_sessions/new) (https://www.asee.org/public/person_sessions/new). For detailed submission instructions, please read the Author's Kit posted on the meeting website (<http://www.asee.org/conferences-and-events/conferences/international-forum/2013/call-for-papers>).

For additional information, please contact to Rocio Chavela at r.chavela@asee.org , or the program chair Eck Doerry at Eck.Doerry@nau.edu.

Organizing Committee

Ken Burbank, Purdue University
Eck Doerry, Northern Arizona University
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