

World Engineering Education Forum (WEEF) “Engineering Education for Sustainable Development and Social Inclusion”

Buenos Aires, October 15th to 18th, 2012

Call For Papers

About WEEF

In today’s environment, Development is only viable when it is produced in a sustainable way. At the same time, in order to promote social inclusion, it is also necessary to address and solve the needs of marginalized sectors including the allocation and distribution of resources.

Engineering, and particularly engineering education, has a fundamental role in achieving these goals. It is important to include these issues not only in the Engineering courses syllabus but also as a motivating factor for increasing the number and diversity of students in engineering programs worldwide.

This forum, which will take place for the first time ever in Argentina, will bring together the biggest and most important international organizations devoted to Engineering Education, to discuss these issues. The goal is that these discussions will play a key role in defining educational policies and strategies that will contribute to sustainable development and social inclusion worldwide.

Tracks and Themes

1. Recruiting, retention and rewarding

- Women in Engineering
- Identity of engineer
- Accessibility of engineering education
- Encouraging young people into engineering
- Retention and reducing time to graduation
- Raising the esteem of the engineering profession
- Role of government in engineering education

2. The role of the engineer in social change at regional and international levels

- International collaboration in engineering education – exchange, mobility
- Retraining of engineers for 21st century challenges – continuous education – role of universities
- Role of engineering in global development
- Role of engineer in social change and regional development
- Engineering education for regional development
- Innovation and technology transfer for job creation
- Linkage with industry
- Engineering certification and substantial equivalent

- Role of government in engineering education
- 3. Re-engineering engineering education**
- Developing and assessing competences in Engineering Education
 - Prioritizing teaching and faculty training
 - Engineering students as entrepreneurs, researchers, innovators and developers
 - Faculty development
 - Long term environmental impacts, business and economic aspects of engineering in education
 - Ethics and societal costs
 - Accreditation, different perspectives from different cultures
 - Social inclusion in the curriculum – how to value social conscience
 - Educational technology in engineering
 - Internships in education
 - Future of engineering education and future of engineering
 - Role of government in engineering education

General information about submitting papers

In order to strengthen the quality of conference proceedings, the WEEF 2012 Organizing Committee requires presentation to be peer reviewed. This requirement seeks to ensure that intellectual activity by faculty and students¹ receives appropriate professional recognition.

The process for the submission of WEEF 2012 papers is as follows: Once authors have submitted abstracts of their papers, these will be reviewed and evaluated as acceptable or not. Authors of acceptable abstracts will be invited to submit a full paper draft to be reviewed by at least two engineering educators. A draft paper may be accepted as submitted, accepted with minor or major changes, or rejected. If a paper requiring major changes is re-submitted, the author will be asked to provide an explanation as to how the paper revision has addressed the reviewer's concerns. The Track Co-Chairs may then decide to accept or reject the paper.

Authors of accepted papers may also choose to present through a poster session rather than the lecture format of the technical sessions. The WEEF poster sessions will showcase authors of accepted papers who have selected this format or whose papers have been assigned as a poster due to lack of space in the technical sessions.

The presentation of research and program findings within a conference setting provides a valuable means of exchanging information and ideas. While the majority of papers presented at any conference already undergo review at the abstract, draft, and final paper stages, the Organizing Committee feels confident that a rigorous process of review will safeguard the quality of all paper presentations and ensure the prestigious reputation of this important conference.

Peer review occurs for both abstracts and papers. Abstract acceptance does not guarantee acceptance of the paper. All conference tracks have a Publish-to-Present requirement and final

¹ Student submissions must have a student as the primary author and be mostly written by students.

papers must be written and accepted in order for the work to be presented at the WEEF 2012 Conference in Buenos Aires.

Submission of abstracts and final papers will be via the papers management system and in accordance with WEEF published deadlines. The official languages are English and Spanish.

More information at <http://weef2012.edu.ar>

How to submit your abstract

1. Prepare your abstracts (length should be between 250 - 500 words)
2. On, or after February 6th 2012, access the Conference Web site and proceed to the papers management system (There will be a link for accessing it)
3. Register yourself in the system
4. Copy/paste the abstract text within the appropriated box (you don't need to send any file at this stage)

Biographical Information

Biographical information is to be saved in the papers management system on the Author/Co-Author page. It will be automatically added to your paper at the end of the process.

Other

Do not include track/session numbers in any part of the abstract.

Do not include any author or affiliation information in any part of your abstract so that your abstract is able to receive a blind review.

Additional Guidelines and Suggestions:

- As appropriate, include the pedagogical theory or approach being used;
- Indicate the form that your outcome(s) will take as appropriate;
- As applicable, methods of assessment should be made clear.

Deadline dates

The following are the deadline dates for the WEEF 2012:

February 6, 2012

System opens for abstract submission

March 2, 2012

Deadline for abstract submission

March 30, 2012

Deadline for abstract reviews

April 6, 2012

Deadline for accepting or rejecting abstract papers

May 25, 2012

Deadline for submission of draft paper

July 13, 2012

Registration and Housing open for all attendees

Deadline for draft paper reviews

Final Paper Submission Open

July 20, 2012

Deadline for accepting, rejecting, or accepting with changes draft papers

July 27, 2012

Deadline for submitting final papers

August 10, 2012

Deadline for accepting or rejecting final papers

August 17, 2012

Author Registration Deadline

Best Paper Nominations Due to Chairs

August 24, 2012

Deadline for assigning papers to sessions. No changes will be accepted after August 24th.