

TOPICS

- Rediscovering the Foundations

including, but not restricted to, topics such as the Basic Sciences, New Knowledge Domains (Biology, Environment, Design), New Competencies (Soft Skills, Attitudes), Engineering and the Humanities, Management and Engineering, Entry Level

- Global Partnership

including, but not restricted to, topics such as University/Industry Collaboration, Networking, Students Mobility and Exchange, North-South Cooperation, Challenges of Globalization

- The Challenges of Research

including, but not restricted to, topics such as Emerging Engineering Areas, Assessment, New Modes of Knowledge Production, Ethics, Student Integration in Research Projects

- Which Degrees for Which Jobs?

including, but not restricted to, topics such as Defining the Levels of Engineering Practice, The Bologna Process, Credit Transfer, Assessment of Engineering Education, Engineering Accreditation

- The Relevance of New Educational Tools

including, but not restricted to, topics such as Information and Communications Technologies in Engineering Education, Multimedia Tools, e-Learning and Distance Learning, Laboratory Integration, University Libraries, Lifelong Learning in Engineering

IMPORTANT DATES

Proposals for Sessions

December 31, 2006

Abstracts due

February 16, 2007

Notice of acceptance

March 16, 2007

Manuscripts due

May 2, 2007

Conference

September, 3-7, 2007



International Network for Engineering Education & Research
INEER

SECRETARIAT
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ICEE 2007
INTERNATIONAL CONFERENCE
ON ENGINEERING EDUCATION
UNIVERSITY OF COIMBRA
COIMBRA • PORTUGAL
SEPTEMBER 3-7-2007

THE MOVING
FRONTIERS
OF ENGINEERING



PRELIMINARY
ANNOUNCEMENT

THE CONFERENCE

The International Conference on Engineering Education (ICEE) has been organized since 1994 to promote the understanding of Engineering throughout the world in the firm belief that a collaborative approach is essential to modern Engineering Education and a valuable tool to face forthcoming challenges.

Sponsored by the International Network for Engineering Education & Research (iNEER), the ICEE conferences are an opportunity to exchange and discuss experience and progress in Engineering Education, new strategies adopted around the world, and evaluate new methodologies, while creating the opportunity to establish mutually beneficial collaborative efforts.

In a global and fast moving world, where Technology and Engineering are changing ways of living and working dramatically, the new wave of Information and Knowledge compels us to reflect on how Engineering Education can cope with such challenges to direct social evolution towards greater human dignity. This is the reason for the motto of ICEE 2007: The Moving Frontiers of Engineering.

The Conference benefits from the experience of the previous conferences, and follows the same general model, combining technical sessions and plenary lectures by renowned scientists.

THE VENUE

ICEE 2007, the 10th edition of this Conference, takes place at the University of Coimbra, Portugal, the perfect environment to discuss the big challenges of modern society. The University of Coimbra, now 7 centuries old, is the oldest University in Portugal and one of the oldest in Europe, and has, indeed, been able to face through the years the challenges of the times, including that of creating, 32 years ago, its Engineering School, which is now located at the new university campus and has a well established international reputation. The history of engineering in Portugal has interesting roots at the University, itself, as we look back to the XVI century, when Pedro Nunes, a mathematician from the University of Coimbra, applied his scientific knowledge to produce an engineering instrument, the Nonius, that was essential to assist the navigators of those days in their discovery of new worlds.



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