

**INTERNATIONAL CONFERENCE ON ENGINEERING
EDUCATION (ICEE-2007)
September 3-7, 2007
Coimbra, Portugal**

Site for Submitting Abstracts:

<http://icee2007.dei.uc.pt/submission.htm>

General Call for Abstracts and Topics:

<http://icee2007.dei.uc.pt/cfp.htm>

General Invitation:

<http://icee2007.dei.uc.pt/Invitation.pdf>

TOPICS AND SPECIAL SESSIONS

For each abstract proposal, please indicate the main topic title under which you would place it (T1, T2, etc.). A number of special sessions will run in parallel with the sessions resulting from the main topics, and these are listed below. If you prefer to submit your abstract to one of these special sessions, please indicate the corresponding descriptor (S1, S2, etc.).

TOPICS

T1: 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. Technology and Society.

T2: Global Partnership

including, but not restricted to, topics such as University/Industry/Government Collaboration, Networking, Students Mobility and Exchange, North-South Cooperation, Challenges of Globalization, Curriculum Development in Response to Globalization and the Challenges of the 21st Century, Practical Placement in Industry Internships.

T3: The Challenges of Research

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

T4: What Degrees for What 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, Entrepreneurship,

Leadership, and Management Education and Research Programs, Lifelong Learning.

T5: The Relevance of New Educational Approaches and 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, Virtual Laboratories, Problem Based Study Projects.

SPECIAL SESSIONS

S1: E-Learning for Architecture Design, Product Design and Engineering Design

A. J. Felton, University of Wolverhampton, UK (a.j.felton@wlv.ac.uk)

S2: The impact of the Bologna Process on Non-Europeans

Vojislav Ilic, University of Western Sydney, Australia (ilic@uws.edu.au)

S3: Special Session New Technologies in Mathematics for Engineering and other Sciences

Matilde P. Legua, Universidad de Zaragoza (mlegua@posta.unizar.es)

Luis M. Sanchez Ruiz, Universidad Politecnica de València, Spain

(LMSR@mat.upv.es)

S4: Education and Training for the Forestry Based Industries

Carlos Negro, UCM, Spain

S5: Multidisciplinary/Institutional Senior Design

Rich Spontak, North Carolina State University, USA (spontak@ncsu.edu)

S6: Involving Engineering Schools/Universities in Technology and Science Education for School Outreach

Mauricio Duque, Universidad de los Andes (maduque@uniandes.edu.co)