Special Track “IT and Engineering Pedagogy” (ITEP’13)

The objective of this Special Track is to offer an open discussion and a reflection in the use of Information Technologies in Engineering Education and their Pedagogy. It also intends to foster the involvement in continuing education, bridging the gap between higher education and the industry by focusing the IT use in lifelong learning and training. At K-12 level this session intends to evaluate the impact of IT in fostering younger people in the field of science and technology.
At any level it is important to evaluate the IT power in facilitating the collaborative work everywhere.
Finally, it is relevant to consider the IT potentiality in improving engineering education conditions in developing countries and for those people with special needs.

The topics include (but are not limited to):
IT and Pedagogy
Computers in Engineering Education
Online Tools to Engage Students
Tools for Higher Order Thinking Skills
Multimedia for Education
Mobile Devices in Education
Online Labs
Haptic Devices
Serious Games
Intelligent Tutoring Systems
Technological Innovation, Product Innovation and Industrial Innovation
IT and Education tools for People with Special Needs
IT in K-12 Education
Sharing resources with African Countries

Program Committee

Chair of the Program Committee:
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Deadlines
08 December 2012 Draft Paper Submission
17 December 2012 Draft Review Notification
30 January 2013 Final Submission

Publications
All accepted papers will appear in the EDUCON2013 proceedings, published by IEEE and listed in IEEE Explore, EI Compendex, SCOPUS, etc.

Selected papers are planned to be published in a special issue of the “International Journal of Engineering Pedagogy” (iJEP), http://www.i-jep.org.