

***Special Track "IT and Engineering Pedagogy"
(ITEP'14)***



<http://www.educon-conference.org/educon2014/>

The main goal of the International Society for Engineering Education Special Track @ EDUCON 2014 is to offer an open discussion and a reflection in the use of Information Technologies in Engineering Education and their appropriate Pedagogy. It also intends to foster the involvement in continuing education, bridging the gap between higher education and learning on the workplace by focusing the IT use on lifelong learning and training. At K-12 levels this session intends to evaluate the impact of IT in fostering the engagement of younger people in the field of science, technology, engineering and math (STEM).

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):

Computer Education Theory and Technology

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

Virtual and Augmented Reality Tools

Intelligent Tutoring Systems

Technological Innovation, Product Innovation and Industrial Innovation

IT and Education Tools for People with Special Needs

Using Information Technology in STEM Education

Sharing Resources with Developing Countries

Program Committee

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ITEP'14 Program Committee

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Deadlines

11 Nov 2013	Paper Submission
16 Dec 2013	Notification of Acceptance
31 Jan 2014	Author Registration and Payment Deadline
3-5 Apr 2014	EDUCON2014

Publications

All accepted papers will appear in the EDUCON2014 proceedings, published by IEEE and listed in IEEE Xplorer, EI Compendex, SCOPUS, etc.

Selected papers could be rewritten and submitted to special issues of OnlineJournals.ORG, (<http://www.online-journals.org>).