Special Track “IT and Engineering Pedagogy” (ITEP’15)

http://www.educon-conference.org/educon2015/

Carrying on the previous objectives of ITEP Special Tracks @ EDUCON Conferences, ITEP’15 @ EDUCON 2015 aims 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 in lifelong learning and training. At K-12 level this session intends to evaluate the progress 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):

- IT and Pedagogy
- Computers & 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
- IT in K-12 Education
- Sharing resources with developing countries

Program Committee
Chair of the Program Committee:
Teresa Restivo, University of Porto, PT, trestivo@fe.up.pt

ITEP’15 Program Committee (to be completed)
Michael Auer, Carinthia University of Applied Sciences, AT
Tiia Rüütmann, Tallinn University of Technology, EE
Alberto Cardoso, University of Coimbra, PT
Alexander Zimin, N.E. Bauman Moscow State Technical University, RU
Ana Pavana, PUC-Rio, Br
Andreja Rojko, University of Maribor, SI
Andreas Pester, Carinthia University of Applied Sciences, AT
Anna Friesel, Technical University of Denmark, DK
Armando P. Preciado-Babb, University of Calgary, CA
Antonella Longo, University of Salento, IT
Axel Zafoschnig, IGIP, AT
Danilo Zutin, Carinthia University of Applied Sciences, AT
Diana Urbano, University of Porto, PT
Edmundo Tovar, Madrid Polytechnic University, ES
Fátima Chouzal, University of Porto, PT
Fernando de Magalhaes, Universidade do Porto, PT
Gustavo Alves, Instituto Politécnico do Porto, PT
Hélia Guerra, University of Azores, PT
Ingvar Gustavsson, Blekinge Institute of Technology, SE
James Uhomoibhi, Ulst University, UK
James Wolfer, Indiana University South Bend, US
Javier García-Zubia, University of Deusto, ES
Jorge Lino, University of Porto, PT
José Couto Marques, Universidade do Porto, PT
José Sánchez Moreno, Escuela Técnica Superior de Ingeniería Informática, ES
Juarez Bento da Silva, Universidade Federal de Santa Catarina, BR
Katarina Zakova, Slovak University of Technology, SK
Luís Mendes Gomes, University of Azores, PT
Manuel Castro, Universidad Nacional de Educación a Distancia, ES
Marija N. Bozic, Autonomous University of Barcelona, ES
Martina Lucht, Fraunhofer Foundation, DE
Martín Llamas Nistal, University of Vigo, ES
Polina Mozgaleva, Tomsk Polytechnic University, RU
Radojka Krneta, University of Kragujevac, RS
Roderval Marcelino, Universidade Federal de Sta Catarina, BR
Stavros Nikou, University of Macedonia, GR
Susan Zvacek, Fort Hayes University, US
Teresa Larkin, American University, US
Tkáč Lukáš, Trnava University in Trnava, SK
Evgenia Theodotou, Metropolitan College, GR

Deadlines
24 Nov 2014 Complete Paper Submission
15 Dec 2014 Notification of Acceptance
19 Jan 2015 Final/Camera-ready Due
18 Mar 2015 Conference Opening

Publications
All accepted papers will appear in the EDUCON2015 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).