Special Track “IT and Engineering Pedagogy”  
(ITEP’17)


It’s a good tradition that, the International Society for Engineering Pedagogy (IGIP), organizes Special Tracks @ EDUCON Conferences -ITEP’xx.  
ITEP’17 @ EDUCON 2017 aims to offer an open discussion and a reflection in the use of Information Technologies in Engineering Education (EE) 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 also focusing on 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).  
It is also important to understand and to discuss the role of EE in order to promote the technological, product and industrial innovation, developments for people with special needs, for health and for aging.  
At any level it is important to evaluate the IT power in facilitating the collaborative work everywhere.

The topics include (but are not limited to):

IT and Pedagogy
IT in Engineering Education (EE)
  Online Experimentation
  Multisensory Learning Environments
  Remote, Virtual and Augmented reality tools
  3D Virtual Environments
  Haptic Devices
  Serious Games
  Online Experimentation Tools to Engage Students
  Tools for Higher Order Thinking Skills
  Multimedia for Education
  Mobile Devices in Education

IT in K-12 Education
IT in lifelong learning and training
Intelligent Tutoring Systems
IT in EE and:
  Technological, Product and Industrial Innovation
  Developments for People with Special Needs
  Developments for Health
  Perception and development of IT use in Aging

Program Committee

Chair of ITEP’17:
Teresa Restivo, University of Porto, PT, trestivo@fe.up.pt
Diana Urbano, University of Porto, PT, urbano@fe.up.pt
ITEP'17 Program Committee (to be completed)
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Alberto Cardoso, University of Coimbra, PT
Alexander Zimin, N.E. Bauman Moscow State Technical University, RU
Andreas Pester, Carinthia University of Applied Sciences, AT
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Tiia Rüütmann, Tallinn University of Technology, EE
Thrasyvoulos Tsiatsos, Aristotle University of Thessaloniki, GR

Deadlines
Nov. 28, 2016 Short Paper Submission
Dec. 21, 2016 Notification of Acceptance
Feb. 06, 2017 Author registration and Payment and Final/Camera-ready Due
Apr. 25, 2017 Pre-Conference Workshops
Apr.26-28, 2017 EDUCON 2017

Publications
Only accepted and presented papers will appear in the EDUCON2017 proceedings if they have been uploaded before the deadlines and will be published by IEEE Xplore.

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