Call for Papers
“Talking about Teaching 2017” (TaT’17)
IGIP Special Session @ 46th IGIP International Conference on Engineering Pedagogy
27-29 September 2017, Budapest, Hungary

The 6th edition of the Special Track Talking about Teaching (TaT’17) within IGIP2017 aims to promote the discussion on Engineering Education by providing an opportunity for debating and sharing ideas, approaches, developments and experiences. The organizers of TaT’17 also invite working group members of the International Society for Engineering Pedagogy (IGIP) to join this Special Track in line with the mission of IGIP and to present results of their group activities in a collaborative approach.

The proposed topics are concerned not only with resources in engineering education (EE) and with the constant demand on the use of technology and on its present role, but also with the effectiveness of knowledge in order to guaranty simultaneously the diversity and inclusion in EE, teachers’ professional development, the perspective of EE oriented for STEM and the spirit of engineering leadership in society.

**Topics of Interest**

**Virtual Universities**
Distance education (e-learning and b-learning)
Sharing resources and increasing multicultural components in EE
Outreaching the pre-university population
Learning and the MOOCs

**Research in EE**
Development of higher order thinking skills
Using research to motivate engineering students
Students mentoring and tutoring
Assessment of learning outcomes
Teachers’ professional development
International recognition of engineering educators

**Emergent Technologies in EE**
Online engineering
Mobile/wireless technologies in education
Learning management systems
3D applications and virtual reality
Multimedia for learning
Adding haptics information
Virtual and augmented reality
Technology enhanced learning
Emerging Technologies in K-12 Education
Developing tools for children with special needs

**University & Industry**
Lifelong learning
University & industry programs and experiences
Learning outcomes & employability
Labor challenges for the future engineers

*TaT’16 Program Committee (to be completed)*

Maria Teresa Restivo, University of Porto, PT (Co-Chair)
Alberto Cardoso, University of Coimbra, PT (Co-Chair)
José Couto Marques, University of Porto, PT (Co-Chair)
Amélia Loja, Polytechnic Institute of Lisbon, PT
Anna Friesel, Technical University of Denmark, DK
Ana Pavani, Pontifical Catholic University of Rio de Janeiro, BR
Articles submitted to TaT’17 will follow the Conference Submission System:
Presented papers will be published in the ICL2017 proceedings in the Springer series “Advances in Intelligent Systems and Computing”. The books of these series are submitted to ISI Proceedings, EI-Compendex, DBLP, SCOPUS, Google Scholar and Springer link.

Important Dates:
May 22, 2017 – Submission deadline for short papers and works in progress to TaT’17
June 07, 2017 – Notification of acceptance
July 10, 2017 - Author registration & Camera ready due
September 27, 2017 – Conference Opening

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