

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
<http://www.icl-conference.org/icl2017/>

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

Aruquia Peixoto, PUC-Rio, BR
Bárbara Rangel, University of Porto, PT
Claudius Terkowsky, TU Dortmund University, DE
Christos Douligeris, University of Piraeus, GR
Danilo Zutin, Carinthia University of Applied Sciences, AT
Dena Hussain, Höskolan Väst University, SE
Diana Urbano, University of Porto, PT
Doru Ursutiu, IAOE, RO
Fátima Chouzal, University of Porto, PT
Fernão Magalhães, University of Porto, PT
Fernando Remião, University of Porto, PT
Filomena Soares, University of Minho, PT
Hélia Guerra, University of the Azores, PT
James Wolfer, Indiana University South Bend, USA
José Salvado, ESTCB, PT
Juarez Silva, University of Sta Catarina, BR
Katarina Zakova, Slovak University of Technology, SK
Mikulás Huba, Slovak University of Technology, SK
Luis De La Torre, UNED, Madrid, ES
Luís Mendes Gomes, University of the Azores, PT
Paulo Menezes, U. Coimbra, PT
Radojka Krneta, University of Kragujevac, RS
Rubén Heradio, UNED, Madrid, ES
Teresa Larkin, American University, USA
Tiia Rüttnann, Tallinn University of Technology, EE
Susan Zvacek, Denver University, USA

Articles submitted to *TaT'17* will follow the Conference Submission System:

http://www.icl-conference.org/icl2017/paper_preparation.php

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.

<http://icl-conference.org/icl2017/proceedings.php>

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

Contacts:

Maria Teresa Restivo: trestivo@fe.up.pt

Alberto Cardoso: alberto@dei.uc.pt

José Couto Marques: jmarques@fe.up.pt