

Call for Papers
"Talking about Teaching 2018" (TaT'18)
IGIP Special Session @ 47th IGIP International Conference on Engineering Pedagogy
25-28 September 2018, Kos Island, Greece
<http://www.icl-conference.org/current/>

The 7th edition of the Special Track *Talking about Teaching (TaT'18)* within IGIP2018 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'18* 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), the constant demand on the use of technology and its present role, but also with the effectiveness of knowledge in order to guarantee 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
 - 3D applications and virtual reality
 - Multimedia for learning
 - Adding haptics information
 - Virtual and augmented reality
 - Technology enhanced learning
 - Learning management systems
 - AI in Engineering Education
 - 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

Special Session 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
Andreas Pester, Carinthia University of Applied Sciences, AT
Armando P. Preciado-Babb, University of Calgary, CA
Aruquia Peixoto, PUC-Rio, BR
Bárbara Rangel, University of Porto, PT
Claudius Terkowsky, TU Dortmund University, DE
Christos Douligeris, University of Piraeus, GR
Diana Urbano, University of Porto, PT
Dragan Šešlija, University of Novi Sad, RS
Filomena Soares, University of Minho, PT
Hélia Guerra, University of the Azores, PT
James Wolfer, Indiana University South Bend, USA
Katarina Zakova, Slovak University of Technology, SK
Luis de La Torre, UNED, Madrid, ES
Luis Mendes Gomes, University of the Azores, PT
Manuel Castro, UNED, Madrid, ES
Maria de Fátima Chouzal, University of Porto, PT
Maria da Graça Rasteiro, University of Coimbra, PT
Mikulas Huba, Slovak University of Technology, SK
Radojka Krneta, University of Kragujevac, RS
Susan Zvacek, Independent Consultant, USA
Teresa Larkin, American University, USA
Tiiia Rütümann, Tallinn University of Technology, EE
Roderval Marcelino, Universidade Federal de Sta Catarina, BR
Rubén Heradio, UNED, Madrid, ES

Articles submitted to *TaT'18* will follow the Conference Submission System:

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

Only presented papers uploaded before deadlines will be published in the Proceedings in the Springer series "Advances in Intelligent Systems and Computing". The books of this series are submitted to Clarivate Analytics for indexing in Web of Science and CPCI (formerly Thomson-Reuters WoS and CPCI). Clarivate Analytics and CPCI will evaluate the publications and select which ones they will index.

Important Dates

01 Jun 2018	Submission of complete papers (short papers and works in progress)
22 Jun 2018	Notification of Acceptance
20 Jul 2018	Camera-ready due
25 Sep 2018	Conference Opening

Contacts (Session chairs)

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