Call for Papers
“Talking about Teaching 2016” (TaT’16)
SPEE Special Session @ 45th IGIP International Conference on Engineering Pedagogy
21-23 September 2016, Belfast, UK
http://www.icl-conference.org/icl2016/

The 5th edition of the Special Session Talking about Teaching 2016 (TaT’16) following the Annual Conference, now IGIP2016, aims to promote the discussion on Engineering Education by providing an opportunity for debating and sharing ideas, approaches, developments and experiences. The Organizers, being responsible and/or members of the Portuguese Society for Engineering Education (SPEE) working groups (IT in Engineering Education and Tools to Develop Higher Order Thinking Skills) and actively involved in the International Society for Engineering Pedagogy (IGIP), promote this Special Track in line with the mission of both Societies.

The proposed topics are concerned not only with resources in engineering education (EE) and with the constant demand on the use of technology, 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
Flipped classrooms
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
Motivating youngsters for science and technology
University & Industry
Lifelong learning
Learning outcomes & employability

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

Maria Teresa Restivo, University of Porto, PT, (Co-Chair, SPEE&IGIP member)
Alberto Cardoso, University of Coimbra, PT (Co-Chair, SPEE&IGIP member)
Fátima Chouzal, University of Porto, PT (Co-Chair, SPEE member)
Susan Zvacek, Denver University, USA (Co-Chair, SPEE&IGIP member)
Alexander Zimin, N.E. Bauman Moscow State Technical University, RU
Amélia Loja, Polytechnic Institute of Lisbon, PT
Ana Pavan, Pontifical Catholic University of Rio de Janeiro, BR
Anna Friesel, Technical University of Denmark, DK
Armando P. Preciado-Babb, University of Calgary, CA
Axel Zafoschnig, International Society for Engineering Pedagogy (IGIP), AU
Bárbara Rangel, University of Porto, PT
Celina Leão, University of Minho, PT
Diana Urbano, University of Porto, PT
Fernão Magalhães, University of Porto, PT
Fernando Remião, University of Porto, PT
Gustavo Alves, Polytechnic Institute of Porto, PT
Hélia Guerra, University of Azores, PT
James Wolfer, Indian University South Bend, USA
José Salvador, Escola Superior de Tecnologia de Castelo Branco, PT
José Figueiredo, University of Lisbon, PT
Katarina Zakova, Slovak University of Technology, SK
Luciano Andreatta, Universidade Estadual do Rio Grande do Sul, BR
Luís Mendes Gomes, University of Azores, PT
Paulo Menezes, U. Coimbra, PT
Radojka Krneta, University of Kragujevac, RS
Teresa Larkin, American University, USA
Tiia Ruutmann, Tallinn University of Technology, EE

Articles submitted to TaT’16 will follow the Conference Submission System: ([https://www.conftool.com/icl-conference/](https://www.conftool.com/icl-conference/)).

**Important Dates:**

**June 06, 2016** – Submission deadline for short papers and works in progress
**June 18, 2016** – Deadline for special session reviews
**June 20, 2016** – Notification of acceptance to authors
**July 11, 2016** - Camera ready due & Author registration
**September 21, 2016** – Conference Opening

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