

**Call for Papers**  
**"Talking about Teaching 2015" (TaT'15)**  
**SPEE Track Session @ 44<sup>th</sup> IGIP International Conference on Engineering Pedagogy**  
**20-24 September 2015, Florence, Italy**  
<http://www.icl-conference.org/icl2015>

The 4<sup>th</sup> edition of the Special Track Session *Talking about Teaching 2015 (TaT'15)* is within the Annual Conference IGIP2015 and 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 for the Portuguese Society for Engineering Education (SPEE) working groups (IT in Engineering Education and Lifelong Learning in Engineering Education) 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  
University & industry programs and experiences  
Learning outcomes & employability

### **TaT'15 Program Committee (to be completed)**

**Alberto Cardoso**, University of Coimbra, PT (Co-Chair)  
**Ana Pavanni**, Pontifical Catholic University of Rio de Janeiro, BR  
**Armando P. Preciado-Babb**, University of Calgary, CA  
**Axel Zafoschnig**, IGIP, AU  
**Diana Urbano**, University of Porto, PT  
**Danilo Zutin**, IGIP, AU  
**Fátima Chouzal**, University of Porto, PT  
**Fernão Magalhães**, University of Porto, PT  
**Graça Rasteiro**, University of Coimbra, PT  
**Gustavo Alves**, Politecnico Institute of Porto, PT  
**Jorge Lino**, University of Porto, PT  
**José Carlos Metrolho**, Politecnico Institute of Castelo Branco, PT  
**José Couto Marques**, University of Porto, PT, (Co-Chair)  
**José Figueiredo**, University of Lisbon, PT  
**Luciano Andreatta**,  
**Manuel Castro**, IEEE Edu. Soc., Univ. Nacional de Educación a Distancia, ES  
**Maria Teresa Restivo**, University of Porto, PT, (Co-Chair)  
**Teresa Larkin**, American University, USA  
**José Salvado**, Politecnico Institute of Castelo Branco, PT  
**Radojka Krneta**, University of Kragujevac, RS  
**Axel Zafoschnig**, IGIP, AU  
**Fátima Chouzal**, University of Porto, PT  
**Susan Zvacek**, Denver University, USA

Articles submitted to *TaT'15* will follow the **Conference Submission System**:

(<https://www.conftool.com/icl-conference/>).

Presented papers will be published in the ICL2015 Proceedings and submitted to IEEE Explore (more details at <http://icl-conference.org/icl2015/proceedings.php>).

The Special Track TaT'15 Organizers will look for possibilities of later submissions of reworked papers in International Journals (iJET, iJOE, iJEP).

### **Important Dates:**

**May 15, 2015 - Full Paper Submission Deadline for TaT'15 Special Track**

**June 16, 2015 - Notification of paper acceptance**

**July 15, 2015 - Camera Ready Due**

**September 20, 2015 - Conference Opening**

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