

**Call for Papers**  
**"Talking about Teaching 2013" (TaT'13)**  
**SPEE Track Session @ IGIP International Conference on**  
**Engineering Pedagogy**  
**25-27 September 2013, Kazan, Russia**  
<http://www.igip-online.net/>

The 2<sup>nd</sup> edition of Track Session *Talking about Teaching 2013 (TaT'13)* within the Annual Conference IGIP2013 aims to promote the discussion on Engineering Education by providing an opportunity for debating and sharing approaches, developments and experiences, in line with the mission of both the Portuguese Society for Engineering Education (SPEE) and the International Society for Engineering Education (IGIP).

*Talking about Teaching* is the name of a thought-provoking column of Susan Zvacek, USA, in the SPEE Newsletter and the organizers intend to give continuity to its reflections and potentiate them within this Track Session @ IGIP2013, fostering profitable discussion.

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 spirit of engineering leadership in society and the lifelong learning capability. They also include the perspective of EE oriented for STEM, as well as the commitment in sharing resources with those affected by the digital divide.

### **Topics of Interest**

#### **Virtual Universities**

Distance education (e-learning and b-learning)  
Sharing resources and increasing multicultural component in EE  
Outreaching the pre-university population  
How Sharing Resources with "digital divide"?

#### **Research in EE**

Development of higher order thinking skills  
Using research to motivate engineering students  
Students mentoring and tutoring  
Assessment of learning outcomes

#### **IT in EE**

Online Labs  
Mobile/Wireless Technologies  
Intelligent Tutoring Systems  
Learning Management Systems  
3D Applications and Virtual Reality  
Serious Games  
Multimedia for Learning  
Adding haptics information  
Strategies for interfaces design  
Virtual and augmented reality  
Interactive videos

## **University & Industry**

Lifelong Learning

University & Industry Programs and Experiences

Learning outcomes & employability

## **TaT'13 Program Committee**

**Alberto Cardoso**, Universidade de Coimbra, Portugal (Co-Chair)

**José Couto Marques**, Universidade do Porto, Portugal, (Co-Chair)

**Maria Teresa Restivo**, Universidade do Porto, Portugal, (Co-Chair)

**Michael Auer**, Carinthia Univ. of Applied Sciences, IGIP, Austria

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**Maria da Graça Rasteiro**, Universidade de Coimbra, SPEE, Portugal

**Axel Zafoschnig**, IGIP, Austria

**Stephanie Farrel**, Rowan University, ASEE, USA

**Danilo Zutin**, Carinthia University of Applied Sciences, GIP, Austria

**Andreja Rojko**, University of Maribor, Slovenia

**Filomena Soraes**, University of Minho, Portugal

**James Uhomoibhi**, Ulster University, UK

**Teresa Larkin**, American University, USA

**Zorica Nedic**, University of South Australia, Australia

**Javier Garcia-Zubia**, Universidad de Deusto, Spain

**Luís Gomes**, Universidade Nova de Lisboa, Portugal

**José Figueiredo**, Instituto Superior Técnico de Lisboa, Portugal

**Liliane Machado**, Universidade Federal de Paraíba, Brazil

**Fernão de Magalhaes**, Universidade do Porto, Portugal

**Katarina Zakova**, Slovak University of Technology, Slovak

**Jorge Lino**, University of Porto, Portugal

**Ronei Moraes**, Universidade Federal de Paraíba, Brasil

**José Carlos Metrolho**, Instituto Politécnico de Castelo Branco, Portugal

**Radojka Krneta**, University of Kragujevac, Serbia

**Gustavo Alves**, Instituto Politécnico do Porto, Portugal

**Cornel Samoila**, University Transilvania Brasov, Romania

**Articles submitted to TaT'13 will follow the Conference Submission System**

(<http://www.igip.org/conference/submission.php>)

## **Important Dates**

**30 April 2013** – Articles Submission

**27 May 2013** - Notification of Acceptance

**30 Aug 2013** - Camera-ready due

**25-27 Sep 2013** - Conference at Kazan, Russia.

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