

Call for Papers
"Talking about Teaching 2012" (TaT'12)
SPEE Special Session @ IGIP International Conference on
Engineering Pedagogy
26 - 28 September 2012, Villach, Austria
<http://www.igip-online.net/>

This Track Session *Talking about Teaching 2012 (TaT'12)* within IGIP2012 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 it would be interesting to give continuity to its reflections and potentiate them within this SPEE Special Session @ IGIP 2012.

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 K-12 teachers and students, as well as the question of sharing resources with developing countries, mainly those of Portuguese language.

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 Portuguese Speaking Countries?

Research in EE

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

ITs 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

University & Industry

- Continuous Education
- University & Industry Programs and Experiences
- Learning outcomes & employability

TaT'12 Program Committee

Maria Teresa Restivo, Universidade do Porto, Portugal, (Co-Chair)
Maria da Graça Rasteiro, Universidade de Coimbra, Portugal (Co-Chair)
Alberto Cardoso, Universidade de Coimbra, Portugal (Co-Chair)
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Mikulas Huba, Slovak University of Technology, Slovak
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Teresa Larkin, American University, USA
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José Figueiredo, Instituto Superior Técnico de Lisboa, Portugal
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Liliane Machado, Universidade Federal de Paraíba, Brasil
Axel Zafoschnig, International Society for Engineering Education, Austria
Katarina Zakova, Slovak University of Technology, Slovak
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José Couto Marques, Universidade do Porto, Portugal
Carlos Vaz de Carvalho, Instituto Politécnico do Porto, Portugal
Jorge André, Universidade de Coimbra, Portugal
Abdallah Al-Zoubi, Princess Sumaya University for Technology, Jordan
Susan Zvacek, Kansas University, USA
Jorge Lino, University of Porto, Portugal
Doru Ursutiu, University Transilvania brasov, Romania
Ronei Moraes, Universidade Federal de Paraíba, Brasil
José Maria André, Instituto Superior Técnico de Lisboa, Portugal
James Wolfer, Indiana University South Bend, U.S.A.
Octávio Alexandrino, President Ordem dos Engenheiros Região Centro, Portugal
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Maria João Martins, Instituto Superior Técnico de Lisboa, Portugal
Manuel Castro, Universidad Nacional de Educación a Distancia, Spain
Melany Ciampi, Copec, Brazil
José Carlos Metrolho, Instituto Politécnico de Castelo Branco, Portugal
Clara Oliveira, Universidade Federal de Sta Catarina, Brazil

Important Dates

23 April 2012 - Submission of extended abstracts (full paper, special sessions) - **Please specify submission to TaT'12**

14 May 2012 - Submission deadline

28 May 2012 - Notification of acceptance

31 Aug. 2012 - Camera-ready due

26-28 Sep. 2012 - Conference in Villach, Austria

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