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

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Melany Ciampi, Copec, Brazil
Octávio Alexandrino, President Ordem dos Engenheiros Região Centro, Portugal

Important Dates
23 April 2012 - Submission of extended abstracts (full paper, special sessions)
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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