

# **ICELIE 2009 – 3<sup>rd</sup> IEEE International Conference on E-Learning in Industrial Electronics**

3-5 November 2009, Porto, Portugal

## **Special Session on The Future of Engineering Education in the present Worldwide Recession**

**organized by**

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### **Call for Papers**

Opinion about the impact of future developments at undergraduate and postgraduate level of engineering education in the current adverse economic downturn can diverge widely. Thus, predicting the exact nature of the future of this education with any certainty is difficult. Certainly, the current economic situation and the consequent uncertainties in the global market is going to affect a wide spectrum of our society and thus engineering education.

This special session is a forum for engineering educators to present and discuss their present and future approaches and experiences at undergraduate level as well as postgraduate level i.e. Masters and Doctorate, in respect of the recent revelations in the global market. With this in mind, this special session aims to cover salient aspects of practices/developments with the emphasis on new methods/techniques and practical applications in parallel with a stimulant mechanism for revenue generation. This is to effectively sustain the spirit of engineering leadership in society and to make engineering education more attractive for the future.

The special session topics include (but are not limited to):

- Master and Doctorate degrees versus innovation, creativity and brain power.
- The existing procedure of Viva Voce versus future needs.
- Post-doctoral training versus leadership and knowledge-based society.
- Student supervision versus industrial requirements.
- New applications of eLearning for industrial environment.
- Student projects versus industrial solutions and contributions.
- Computer aided techniques and computer integrating tools.
- Teaching and learning versus research.
- Applications of distance/remote learning versus industrial demands.
- Engineering courses versus market needs.
- Engineering education model versus customer satisfaction pattern.

**Submission procedure: The same as for regular papers.**

**Submission deadline: 20 April 2009.**

All the instructions for paper submission are included on the conference website:

<http://paginas.fe.up.pt/~iecon09/>