

# The 3rd IEEE International Conference on e-Learning in Industrial Electronics (ICELIE 2009)

Co-located with

## The 35th Annual Conference of the IEEE Industrial Electronics Society (IECON 2009)



Celebrating 125 Years  
of Engineering the Future



### CALL FOR PAPERS

3-5 November, 2009

Alfandega Congress Center, Porto, Portugal

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#### Sponsored by: IEEE Industrial Electronics Society

The purpose of the 3<sup>rd</sup> IEEE International Conference on e-Learning in Industrial Electronics (ICELIE'2009) is to provide a forum for presentation and discussion of modern education and electronic learning methods for teaching in the field of industrial electronics. In 2009, ICELIE is co-located with IECON'2009, the flagship conference of the IEEE Industrial Electronics Society. For over 30 years, IECON has been an international forum to share breakthroughs in research, emerging technologies, and success stories in industrial electronics and applications.

These two conferences will hold concurrent sessions and joint activities, but each conference will publish its own proceedings.

#### IECON / ICELIE Areas of Interest:

- Power Electronics & Renewable Energy
- Electrical Machines & Drives
- Control Systems & Applications
- Sensors, Actuators and Systems Integration
- Signal and Image Processing & Computational Intelligence
- Mechatronics & Robotics
- Factory Automation & Industrial Informatics

#### ICELIE Technical Topics:

Technology Applied to Education: Computer and web-based platforms. E-learning platform functions and facilities. Reconfigurable educational platforms. Successful remote labs case studies. Simulation / emulation based educational platforms. Software engineering. Virtual Instrumentation.

Methodology and Curricula Development: Accreditation and assessment. Active learning. Capstone and senior design experiences. Creative design experiences. Distance learning: methods, technologies and assessment. Diversity: valuing it, achieving it and teaching it. Entrepreneurship programs. Ethics: creative ways to teach and assess it. Faculty development. First-year courses and programs. Globalization: preparing faculty and students. Innovative degree programs and curricula. Innovative uses of technology in the classroom. Learning models. Lifelong learning. Nontraditional students. Partnerships: industry, government, university, international. Service learning. Student retention and persistence. Teaming. Undergraduate research experiences. Women in education.

**Exhibition:** An exhibition of selected works in the area of e-learning in Industrial Electronics will be organized within ICELIE. A diploma will be awarded to the best e-learning solutions presented. Detailed information about submission of works to ICELIE'2009 Exhibition is available at the conference website.

**Working Language:** English is the working language of both ICELIE and IECON. Full papers are to be submitted electronically, with file size limited to 2 MB. Accepted and presented papers will be published in the respective conference proceedings, and included in the IEEE Xplore® online digital library. Detailed information about manuscript formatting and submission is available at either ICELIE or IECON conference websites (each conference has its own submission system):

<http://www.uninova.pt/icelie2009/>  
<http://paginas.fe.up.pt/~iecon09/>

**Registration:** Participants can enjoy both IECON and ICELIE conferences and receive both conference proceedings for a single registration fee.

#### Important Dates:

Contributed papers:	April 20, 2009
Exhibition proposals:	May 25, 2009
Tutorials proposals:	May 25, 2009
Notification of acceptance:	June 22, 2009
Final submission of papers due:	August 17, 2009

#### Additional information:

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IECON'2009: <http://paginas.fe.up.pt/~iecon09/>