

Preliminary Call for Papers

2nd Doctoral Conference on Computing, Electrical and Industrial Systems

21-23 February 2011 | Caparica, Lisbon - Portugal

DoCEIS'11

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SOCOLNET – Society of Collaborative Networks



IFIP WG5.5 *



IEEE – Industrial Electronics Society *

* requested

Organizational Co-sponsors



New University of Lisbon
Faculty of Sciences and Technology



Organized by: PhD Program on Electrical and
Computer Engineering FCT-UNL.

In collaboration with PhD Programs in: Electrical and
Computer Engineering FCT-U Coimbra, Electronic
and Telecommunications U Algarve.

Technological Innovation for Sustainability

The 2nd Doctoral Conference on Computing, Electrical and Industrial Systems (DoCEIS'11), is aimed as an international forum for presentation of research results coming out of PhD works, and a space for discussion of post-graduation studies, PhD thesis plans, and practical aspects of a PhD work. Among other activities, it includes:

- Presentation of research results by PhD students (co-authored by their supervisors)
- Tutorials by invited experts on scientific, methodological, or soft skills topics.
- Presentation and discussion of the base ideas of the thesis plans.
- Discussion of the scientific and technical challenges in the several Electrical and Computer Engineering specialization areas.
- Sharing of experiences among PhD students from different regions.
- Forum on practical aspects (e.g. Publications, job market, careers, etc.).
- Creation of collaborative (social) networks.

Prospective authors of **research papers** are invited to submit their manuscripts reporting original work, in any of the scientific areas of the conference. Papers describing advanced prototypes, systems, tools and techniques and general survey papers indicating future directions are also encouraged.

Following the successful previous edition, proceedings are expected to be published by **Springer**, IFIP AICT series (indexed in **Web of Science**). Best papers will be considered for possible inclusion in a special journal issue.

There will be also **poster discussion** sessions regarding thesis plans. These sessions are designed in order to provide early feedback to PhD candidates in the initial phase of their studies.

Topics of interest include, but are not limited to

- Computational and Perceptual Systems
- Control and Decision
- Electronics
- Energy
- Enterprise Collaborative Networks
- Industry Information System
- Robotics and Integrated Manufacturing
- Signal Processing
- Telecommunications

Guidelines for paper preparation

- Clear formulation of the research question and its motivation
- State of the art / related literature
- Research contribution and innovation
- Discussion of results and critical view
- Conclusions and further work
- References

Spotlight how the work contributes to the main theme of the conference.

Important Dates

Submission of short abstracts for research papers:	Sep 05, 2010
Submission of full research papers:	Sep 15, 2010
Notification of acceptance of research papers:	Oct 15, 2010
Camera ready research papers:	Nov 15, 2010
Submission of posters with thesis plans:	Dec 31, 2010
Notification of acceptance of posters:	Jan 20, 2011
Camera ready of accepted posters:	Jan 31, 2011

Note: selection of research papers will be based on the full text.

Location

The Conference will be held near Caparica beach, south of Lisbon, the capital of Portugal. Lisbon has a population of one million inhabitants, is a modern city, which has a lot to offer both in terms of history, culture and social life. It stands on the westernmost point of the European continent, where the Tagus river flows into the Atlantic Ocean. Its Atlantic climate, with some Mediterranean influences, is probably the mildest of all European capitals.

www.uninova.pt/doceis