



IFIP

EDUTECH'2004
Toulouse, 27-28 August 2004
in conjunction with
IFIPWorldComputerCongress
(www.laas.fr/wcc2004)

Scope

Computation and communication technologies underpin work and development in many different areas. Among them, Computer-Aided Design of electronic systems and E-Learning technologies are two areas, which are different, but share in fact many concerns. The design of CAD and E-Learning systems already touches on a number of parallels, such as system interoperability, user interfaces, standardisation, XML-based formats, reusability aspects (of content or designs), intellectual property rights, etc. Furthermore, the teaching of Design Automation tools and methods is particularly amenable to a distant or blended learning setting, and implies the interconnection of typical CAD tools, such as simulators or synthesis tools, with e-learning tools. There are many other aspects in which synergy can be found, when using E-Learning technology for teaching and learning technology. This workshop, sponsored by IFIP WG 10.5 *Design and Engineering of Electronic Systems* in cooperation with IFIP WG 3.6 *Distance Education*, will explore the interrelationship between these two subjects, where Computer-Aided Design meets Computer-Aided Learning.

Topics of interest

In the described context, the topics of interest include, but are not restricted to:

- Educational technology for technical courses
- Frameworks for teaching microelectronics and technical subjects
- Impact of technology on learning paradigms and teaching practices
- Classroom technology
- Laboratory innovations
- Virtual laboratories
- Simulation infrastructure for e-learning
- Virtual reality in education
- System interoperability
- Cooperative learning
- Blended learning
- Web-based applications
- Mobile e-learning
- E-learning standards
- Open source initiatives
- Experimental experiences

Programme Committee

- Vassil Alexandrov, U. Reading, UK
- Oscar Bonilla, Northface U., USA
- Giorgio da Bormida, Giunti Interactive Labs, I
- Martin Curley, Intel, IRL
- Carlos Delgado Kloos, U. Carlos III de Madrid, E (PC Chair)
- Karl-Heinz Diener, Fraunhofer Ges. Dresden, D
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- Abelardo Pardo Sánchez, U. Carlos III de Madrid, E
- Ricardo Reis, U. Federal do Rio Grande do Sul, BR
- Donatella Sciuto, Politecnico di Milano, I
- Peter Schwarz, Fraunhofer Ges. Dresden, D

Submissions

Papers (8-10 pages) should represent novel scientific contributions related to the topics listed above. Abstracts (3-5 pages) should provide the description of some concrete learning experience. Abstracts and papers must be submitted in electronic form through the web to <http://edutech.it.uc3m.es>. All submissions will be acknowledged electronically. A submission should consist of:

- A cover page including: the most appropriate topic, the title of the paper, names and affiliations of authors, and name, address, phone number, fax number, and e-mail address of contact author
- and either: a full paper (8-10 pages in 11 points), or an abstract (3-5 pages in 11 points) including details to allow the programme committee to assess their merits and significance, including references and comparisons.

Papers must not be submitted simultaneously to another conference or publication nor be previously published elsewhere. When appropriate, authors should arrange for a release for publication from their employer prior to submission. Papers accompanied by non-disclosure agreement forms are not accepted.

Deadlines

- Submission: 1 February 2004
- Notification: 31 March 2004
- Camera-ready: 30 April 2004