



EduTech 2005

<http://www.iess.org/edutech05.html>

20-21 October 2005, Perth, Western Australia

sponsored by IFIP WG 10.5, in cooperation with IFIP WG 3.6

in conjunction with IFIP VLSI-SOC 2005

EduTech 2005 - Call for Papers

Conference Theme: 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: 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

Important Dates: April 30, 2005 Submissions due
June 10, 2005 Notification of acceptance
July 8, 2005 Final papers

Submissions: A submission should consist of:

- a cover page including: most appropriate topic, title of the paper, names and affiliations of authors, contact author's name, address, phone number, fax number, and email address
- the paper (up to 10 pages in 11 point or larger) or an abstract (3 - 5 pages), which should provide a summary of the main results and their details to allow the program committee to assess their merits and significance, including references and comparisons.
The contribution must be unpublished and not submitted for publication elsewhere, including journals and the proceedings of other symposia or workshops. One author of each accepted paper should present it at the conference. The Proceedings will be published by Springer, the official publisher of IFIP. Full details on how to format your paper can be found at the EduTech 2005 web site www.iess.org/edutech05.html or the web site of the conference publisher, Springer: www.wkap.com/ifip/styles/.

You can submit Postscript, PDF, or MS Word files to: e-mail: edutech@iess.org

Organizing Committee:

- Achim Rettberg – University Paderborn, Germany
- Christophe Bobda - University Erlangen, Germany

Programm Committee (*tentative*):

- Vassil Alexandrov, Univ. of Reading, UK
- Oscar Bonilla, BitMover, USA
- Giorgio da Bormida, Giunti Interactive Labs, Italy
- Donald W. Bouldin, Univ. of Tennessee, USA
- Martin Curley, Intel, Ireland
- Karl-Heinz Diener, Fraunhofer Gesellschaft Dresden, Germany
- Carlos Delgado Kloos, Univ. Carlos III de Madrid, Spain
- Rainer Doemer, Univ. of California at Irvine, USA
- Dudley Dolan, Trinity College Dublin, Ireland
- Tina Ebey, Pacific Research Center, USA
- Baltasar Fernández Manjón, Univ. Complutense de Madrid, Spain
- Anna Grabowska, Gdansk Univ. of Technology, Poland
- Rainer Hartenstein, Univ. Kaiserslautern, Germany
- Piet Kommers, Univ. Twente, The Netherlands
- Martín Llamas Nistal, Univ. Vigo, Spain
- Giovanni de Micheli, Stanford. Univ., USA
- Iliana Nikolova, Univ. of Sofia, Bulgaria
- Abelardo Pardo Sánchez, Univ. Carlos III de Madrid, Spain
- Marco Platzner, Univ. Paderborn, Germany
- Ricardo Reis, Univ. Federal do Rio Grande do Sul, Brazil
- Donatella Sciuto, Politecnico di Milano, Italy
- Peter Schwarz, Fraunhofer Gesellschaft Dresden, Germany