



DSD'2005
EUROMICRO CONFERENCE ON
DIGITAL SYSTEM DESIGN
Architectures, Methods and Tools
August 30 - September 3, 2005, Porto, Portugal
Call for Papers

Session Organizer:

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Special Session: SS3

REMOTE EDUCATIONAL TOOLS FOR DESIGN AND TESTING

BACKGROUND

The Euromicro Conference on Digital System Design addresses all aspects of (embedded) digital and mixed hardware/software system engineering. It is a discussion forum for researchers and engineers working on state-of-the-art investigations, development, and applications. It focuses on advanced system, design, and design automation concepts, paradigms, methods and tools, as well as, modern implementation technologies that enable effective and efficient development of high-quality (embedded) systems for important and demanding applications in fields such as (wireless) communication and networking; measurement and instrumentation; health-care and medicine; military, space, avionic and automotive systems; security; multi-media and ambient intelligence.

SCOPE

The main goal of the special session on "*Remote Educational Tools for Design and Testing*" is to present (or demonstrate) tools, new teaching concepts and exercises developed and/or used in the testing and design fields accessible via Internet. The session should open also an informal discussion to the topic: "Internet facilities for training and education" and is supported by partners from the IST-2000-30193 project REASON. Using conventional test and design tools and classical education methods hinder the progress in nowadays' complex IC and system development. The design and test community has to respond through innovative educational methodologies and new training tools for young professionals. Internet offers new possibilities to use tools from different sources.

Topics:

- e-learning tools and platforms for digital, analog and mixed system testing
- exercises, scenarios, educational chips, and systems for design and test training

SUBMISSION OF PAPERS

Prospective authors are encouraged to submit their manuscripts for review electronically through the following web page (<http://dsd2005.irisa.fr/confman/>) or by sending the paper to the Program Chair via email dsd05-papers@listes.univ-rennes1.fr (only in the case of the web access problem) before the deadline for submission (*please indicate the topic area as: SS3*). Each manuscript should include all text, illustrations, and references. The manuscript should conform to the required format single-spaced, double column, A4/US letter page size, 10-point size Times Roman font, up to 8 pages. The DSD'2005 web page should be consulted for the exact submission format. In order to conduct a blind review, no indication of the authors' names should appear in the submitted manuscript. A separate sheet should be added containing authors, designation, affiliations, contact author and email address.

The Proceedings of DSD'2005 will be published by the IEEE Computer Society.

IMPORTANT DATES

Submission of papers: March 1, 2005
Notification of acceptance: May 3, 2005
Deadline for final version: June 9, 2005

DSD'05 web page: <http://dsd2005.univ-rennes1.fr>
Euromicro web page: <http://www.euromicro.org>
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