CALL FOR PAPERS AND PARTICIPATION

The Sixteenth International Conference on VLSI Design
January 4-8, 2003, New Delhi, India

Sponsored by:
VLSI Society of India (VSI)
Ministry of IT
Government of India

In Cooperation with:
IEEE Circuits and Systems Society
ACM Special Interest Group on Design Automation
(Approvals awaited)

The theme of the 16th International Conference on VLSI Design is design convergence in SOC design.

The conference is a forum for researchers and designers to present and discuss various aspects of VLSI Design, electronic design automation (EDA), and VLSI technologies. It covers the entire spectrum of activities in the two vital areas, which underpin the semiconductor industry. The five-day program will consist of regular papers, short paper sessions, special sessions, tutorials, panel discussions, and industrial exhibits.

TOPICS OF INTEREST: Papers are invited on topics related to, but not limited to, the following areas: embedded systems—hardware/software co-design and embedded software, FPGA-based design, analog/digital mixed signal SOC, concurrent package and board design, issues in deep-submicron VLSI, CMOS, and interconnect reliability, integrated circuit manufacturing, simulation, design, process technology, digital design, DSP design, high-level synthesis, logic synthesis, ASIC design, core-based systems, all aspects of test and DFT, processor design, low-power design, mixed signal design, performance-driven design, physical design, programmable design, simulation, and standards.

PAPER SUBMISSION: Please submit previously unpublished papers electronically (as postscript or pdf files) on the conference website by July 10, 2002. The manuscript should clearly state the novel ideas, results and applications of the contribution. Please identify the contact author and include the complete mailing address, email address, and telephone and/or fax numbers of all authors. Papers should not exceed 15 double-spaced pages including figures and references. Authors will be notified of acceptance by August 30, 2002. Camera-ready papers should be submitted on the conference website by September 27, 2002.

TUTORIALS: This conference also has a history of running a highly successful series of tutorials. The 16th International Conference on VLSI Design will dedicate two days to six full-day tutorials on recent topics in VLSI design, EDA, and technology. Topics are open at this time, and speakers are encouraged to submit proposals to Tutorial Chairs through the conference website by May 22, 2002.

SPECIAL SESSIONS/PANELS: Proposals for special sessions (a set of related papers on a subject) will be considered for inclusion in the technical program. Special session proposal should include a two-page summary of the session and a list of papers on the conference website. Papers in the list should be submitted according to the paper submission guidelines. This material should be submitted on the website by July 10, 2002. Papers that are part of the special session will go through the same peer review process as regular papers.

EXHIBITS: The conference provides a unique opportunity for vendors of VLSI design tools and services to display their products/services. Exhibition space is limited and those interested should immediately contact the Exhibits Chairs.

AWARDS: A Best Paper Award (Prof. A. K. Choudhury Award), a Best Student Paper Award and two Honorable Mention Awards will be given. Student authors should be identified on the manuscripts. Papers with at least one student author will be eligible for the Best Student Paper Award. A Design Contest Award open to only participants from India will also be given. Please check the conference website for contest rules and submit entries by July 31, 2002.

FELLOWSHIPS: The Steering Committee will award fellowships, based on need and merit, to partially cover expenses of attendees from India. Applications must be submitted by October 15, 2002, using the conference website.

IMPORTANT DATES

- Tutorial proposal deadline: May 22, 2002
- Special session/panel proposal deadline: July 10, 2002
- Regular paper submission deadline: July 10, 2002
- Design contest entry deadline: July 31, 2002
- Acceptance notification to all authors: August 30, 2002
- Camera-ready paper deadline: September 27, 2002
- Fellowship application deadline: October 15, 2002
- Conference dates: January 4-8, 2003

For more information, please contact publicity chairs or visit the website: