



CALL FOR TUTORIAL PROPOSALS

The International Conference on VLSI Design 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 which drive the semiconductor industry.

The International Conference on Embedded Systems Design seeks to draw researchers and practitioners of the rapidly evolving and challenging field of embedded systems. It covers all aspects of embedded systems design including specification, implementation, validation and integration.

The joint conference will feature full-day tutorials on topics of current interest in VLSI design, EDA, VLSI technology, and embedded systems.

Proposals for tutorials are invited on topics related to, but not limited to:

VLSI - Design methodology for giga-scale ICs, processor and memory design, analog-digital-RF mixed signal, concurrent interconnect, package and board design, low-power design, asynchronous design, physical design, impact of process technology on design, defect-tolerant architectures, test and DFT, formal verification, mixed signal-mixed domain CAD, design challenges in nanoscale CMOS technologies, non-CMOS devices, technology modeling/simulation, IC manufacturing, reliability, MEMS, CMOS sensors, CAD/EDA methodologies & design flows for nanotechnology.

Embedded Systems - Embedded system design, reconfigurable hardware design, FPGA/ASIC-based design, DSP, communications, encryption, security, compression, digital imaging, hybrid systems-on-chip, sensor networks, programmable devices, hardware-software co-design and co-verification.

****New this year!!** Hands-on Tutorials** – We invite proposals for hands-on tutorials that explore an advanced technology in the area of VLSI or Embedded Systems. Getting attendees familiar with using a specific product should not be the main purpose of these tutorials. Similarly, tutorials with a product marketing focus will not be accepted. Hands-on tutorials could be half-day or full-day tutorials. The proposers of hands-on tutorials are responsible for providing the venue and any computing facilities that are required. The conference will cover transportation between the conference venue and the tutorial venue, and reasonable food costs.

Co-ordinating presenters are encouraged to submit full day tutorial proposals through the conference web site by July 17, 2008 in the format specified below. All tutorial proposals will undergo a peer review process. Hence, the proposals **must adhere to the specified format**.

IMPORTANT DATES:

Tutorial proposal submission deadline: July 17, 2009

Tutorial acceptance notification: September 15, 2009

Tutorial material first draft due: October 16, 2009

Tutorial camera ready material due: November 15, 2009

Conference dates: January 3-7, 2010

TUTORIAL SUBMISSIONS:

Please submit proposals online (in text or pdf format) to comprehensively cover the following details:

1. Tutorial title and short summary (in about 200 words).
2. Name, affiliation and contact details of the co-ordinating presenter and all other co-presenters.
3. The targeted audience and prerequisites (in about 50 words).
4. Keywords from those listed in the topics above, or otherwise.
5. Detailed tutorial program, with a list of topics covered, a short description of each topic and the approximate time devoted to each topic (in about 2000 words). (Total duration of the tutorial will be six hours).
6. Technical bibliography (with emphasis on the authors' works and other related works being covered).
7. List of tutorial material to be provided to the attendees.
8. Short biographical sketch of each presenter indicating previous experience in delivering lectures and tutorials, and expertise on the tutorial topic. (About 200 words for each presenter).
9. Proposals for hands-on tutorials should also state the venue where the tutorial will be held (all organizational approvals for the same must be obtained), and the maximum number of attendees that can be accommodated.

Co-ordinating presenters must note the following:

(a) It is imperative that all presenters listed in the tutorial proposal be available for presentation on the day of the tutorial. (This can be either January 3rd or 4th, 2010). Hence, it is important that **consent be obtained from all the presenters and all organizational approvals obtained** before making the tutorial proposal.

(b) Due to the uncertain economic situation, it may not be possible to provide a honorarium to tutorial presenters this year. Presenters should keep this in mind when planning for their travel to the conference.

(c) All material from individual presenters must be collated and combined into a single tutorial presentation, as per the presentation guidelines (to be communicated at the time of acceptance).