

Registration:

1. Faculty Rs. 500/-
 2. Students Rs. 150/-
 3. Industry & others Rs.1,000/-
- 25% concession for IMAPS members.

The registration fee may be remitted by Account Payee draft in favour of "IMAPS India chapter" Payable at Bangalore.

For all registration details & Conference updates please visit www.imapsindia.org

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Organizing Secretary

International Microelectronics And Packaging Society,
IMAPS India Chapter Regd.

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Siddaganga Institute of Technology, Tumkur

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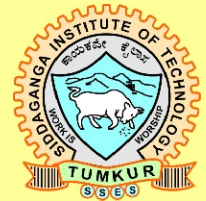
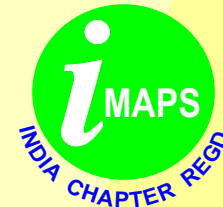
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CONFERENCE ANNOUNCEMENT & CALL FOR PAPERS

IMAPS INDIA

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SIDDAGANGA INSTITUTE OF TECHNOLOGY TUMKUR



National Conference on Challenges in Micro / Nano Electronics

MARCH 26-27, 2010

SIDDAGANGA INSTITUTE OF TECHNOLOGY,
TUMKUR

CMNE 2010

CMNE 2010

IMAPS India and Siddaganga Institute Technology, Tumkur are jointly organizing a National Conference on 'Challenges in Micro & Nano Electronics' from March 26th to 27th 2010 at SIT, Tumkur.

Microelectronics is the cornerstone of most of the new technological revolutions, specific examples being Computing revolution, Communications revolution and Consumer electronics revolution. The progress in microelectronics in the last two decades has been very impressive. To carry on the progress, one has to overcome enormous challenges and take advantage of enormous opportunities. It requires technologists to cleverly and creatively define new products. New opportunities, e.g. in the field of 'System on Chip (SoC)', will creatively integrate logic, memory and other functions on the same chip.

This conference is dedicated to bringing together scientists, engineers and students from academia, industry and national labs to discuss recent developments in micro electronics including VLSI design, Nano electronics, MEMS and allied areas. In addition to contributed and student papers, leaders in the field will also be requested to present Invited Lectures in the most advanced areas of Micro & Nano Electronics.

The Conference is organized at SIT Tumkur, one of the premier Technological Institutes under VTU, to facilitate greater interaction with the younger generation. There will be dedicated student paper sessions to encourage participations from students. **Awards will be given for the best student papers.**

IMAPS India

The International Microelectronics & Packaging Society (IMAPS), founded in 1967, is the largest society dedicated to the advancement and growth of microelectronics and electronic packaging. The IMAPS Society has 69 chapters around globe, creating global networks of more than 8000 members spanning throughout the world including USA, Europe and Asia. IMAPS produces numerous publications, workshops,

and international conferences and exhibitions that address everything in electronics between the chip and the system.

IMAPS India is one of the very active chapters serving the microelectronic community of India. It was founded in 1985 under the guidance of Prof. B.S.Sonde. IMAPS India has successfully conducted four international conferences namely EMIT-96, 98, 2000 & 2008 at Bangalore apart from Annual National Conferences held every year at different cities in India.

Siddaganga Institute of Technology, Tumkur

Siddaganga Institute of Technology, established in the year 1963, is one among over hundred and thirty institutions run by Sree Siddaganga Education Society headed by Dr. Sree Sree Sivakumara Swamiji, President, Sree Siddaganga Math. At Siddaganga Gurukula over 9000 poor students particularly from rural areas belonging to all caste, creed, and community are provided with free food, shelter and education.

Siddaganga Institute of Technology (SIT) is one of the leading and highly reputed institutes in the country with visionary management. SIT is an autonomous Institute affiliated to VTU, which imparts quality technical and managerial education at graduate, post-graduate and doctoral levels. The institute offers undergraduate degree courses in 12 disciplines and post-graduate programmes in 7 disciplines, including MBA and MCA Courses. 10 of its departments are recognized as research centers. The institute has 252 well qualified and dedicated faculty, out of which 52 are Ph.D. holders and another 55 staff members are perusing their Ph.D. at various research organizations.

Situated at a distance of 65 Km from the Silicon Valley Bangalore, the Institute has good infrastructure and scenic campus on Bangalore-Pune national highway NH4. Tumkur enjoys the same salubrious climate as that of Bangalore but a much more relaxed pace of life than Bangalore. Tumkur is surrounded by several religious places like Siddaganga Math, Shivaganga hills, Yedyur Siddalingeshwara temple, Devarayana Durga etc

Call for Papers

The conference will have Invited papers, Contributed papers and Student papers.

General Authors & Students are invited to send original, unpublished papers for CMNE 2010. Abstracts in MS Word, not exceeding 300 words may be submitted broadly in the area of Micro & Nano Electronics. Some suggested areas, **but not limited to**, are given below:

- ❖ Micro & Nano Electronic Devices & Applications, Molecular Nanoelectronics
- ❖ Optoelectronics, photonics
- ❖ Micro and nano-electromechanical systems (MEMS, NEMS)
- ❖ Advanced and latest trends / techniques in Design, Simulation, Fabrication and Testing of Very Large Scale Integrated Circuits & Ultra Large Scale Integrated Circuits (for ASICs, Microprocessors, Large Density Memories, FPGAs etc)
- ❖ Issues related to PGA, Flat Packs, BGA, FlipChips, LCC, Custom Specific Modules, 3D Packaging
- ❖ HW / SW IP Cores
- ❖ SoC
- ❖ Sensors, Transducers,
- ❖ RF applications, SAW devices
- ❖ Thick & Thin Films

Please send the Abstracts only by email to:
Prof. B. Narayanappa imapsind@vsnl.com
and **Prof. R. Sreekantaswamy**
rswamy@rediffmail.com **latest by Jan 30, 2010.**

Important Dates & Schedules:

- Submission of Abstracts** : **Jan 30, 2010**
- Intimation of Acceptance** : **Feb 15, 2010**
- Submission of full text camera ready papers** : **March 10, 2010**
- Conference dates** : **March 26-27, 2010**