



Call for Participation

INTENSIVE WORKSHOP ON

HIGH SPEED SEMICONDUCTOR DEVICES(IWHSSD)

9th March 2008

DA-IICT, GANDHINAGAR

The one day 'Intensive Workshop on High Speed Semiconductor Devices (IWHSSD)' is being organized by IEEE Student Branch, which is hosted by Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT), Gandhinagar. This workshop purports to involve students in a cohesive drive with academia and industry towards excellence in High Speed VLSI circuit Design.

- ⊙ This workshop will attempt to cover matter relevant to giving Students and Professionals necessary knowledge and skill set to appreciate the rapidly changing scenario in VLSI circuits and take advantage of this in furthering their career.
- ⊙ The workshop is open to Professionals, Academicians, PhD, M-Tech, and B-Tech/BE students who have taken any course in VLSI Design, Semiconductors Materials or Device Physics.
- ⊙ To discuss emerging opportunities, research issues and challenges in the area of High Speed and High Frequency semiconductor devices, RFICs and MMICs.

TOPICS OF INTEREST

- ⊙ High Speed & High Frequency VLSI Devices
- ⊙ Principle of MESFET, HEMT and HBT
- ⊙ Device Modeling & Measurements
- ⊙ Design Parameters for the Devices
- ⊙ RFIC and MMIC Circuit Applications
- ⊙ Case Studies of ICs
- ⊙ Fabrication Details

SPEAKER DETAILS

- ⊙ Dr. Ashok Kumar,
Scientist (F),
Solid State Physics Laboratory, Delhi.
- ⊙ Dr. Dipendra Singh Rawal,
Scientist(E),
Solid State Physics Laboratory, Delhi.
- ⊙ Dr. Dipankar Nagchoudhuri
Professor, DA-IICT, Gandhinagar

CONTACT INFORMATION

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POSTAL ADDRESS

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Program Coordinator,
IWHSSD,
DA-IICT, Near Indroda Circle,
Gandhinagar, Gujarat

STUDENT COORDINATORS

Subhash Roy (subhash.roy@ieee.org)
Mahavir Jain (jain_mahavir@ieee.org)

SCHEDULE

Sunday, 9th March, 2008

08:15 Hrs. – 09:00 Hrs.	Registration and Break-fast
09:00 Hrs. – 09:30 Hrs.	Welcome Address
09:30 Hrs. – 11:00 Hrs.	Session -I
11:00 Hrs. – 11:30 Hrs.	Tea- Break
11:30 Hrs. – 13:00 Hrs.	Session -II
13:00 Hrs. – 14:00 Hrs.	Lunch
14:00 Hrs. – 15:00 Hrs.	Session -III
15:00 Hrs. – 16:00 Hrs.	Session -IV
16:00 Hrs. – 16:30 Hrs.	Tea-Break
16:30 Hrs. – 18:00 Hrs.	Session -V
18:00 Hrs. – 18:30 Hrs.	Closing Ceremony.

FEES DETAILS

CATEGORY	REGISTRATION FEES
Student (IEEE Member)	Rs. 200
Student (Non-IEEE Member)	Rs. 350
IEEE Student Membership * + Workshop Registration	Rs. 750
Professionals/Academicians	Rs. 450