

**IEEE BOMBAY SECTION
CALENDAR OF MAIN EVENTS - 2006**

April 26/27, 2006,

**Visit of IEEE President Dr Michael Lightner to Bombay Section
Presentation by Dr Lightner and meeting with Section at RBYC on April 26.**

Technical Events

16th January, 2006 , 1430 hrs

"Impact of technology on sub 90 nm VLSI circuits"

by Dr. Rajiv V. Joshi, Research staff member at T. J. Watson research center, IBM

Venue: EE Conference Room, I.I.T. ,Powai , Mumbai

Jointly with AP/ED Chapter and IIT Bombay

10th February, 2006 , 1600 hrs

"Novel Tunneling Devices for Future CMOS Technologies"

by Dr.Krishna K Bhuwalka, Institute of Physics, Universität der Bundeswehr Munich

Venue: EE Conference Room, I.I.T. ,Powai , Mumbai

Jointly with AP/ED Chapter and IIT Bombay

18th Feb 2006 , "Year 2006 Prof K Shankar Student Paper and Project Contest"

Venue: SPCE, Andheri (West)

18th Feb 2006, "Communications Society Chapter Student Project Contest"

24-25th March, 2006 "2nd Workshop on Design Verification Methodologies" Venue – Wipro Technologies, Pune, India

12th June, 2006 , 1100 hrs

"Nano and Micro Structures, Processes and Packaging for Advanced Integrated Sstems:
Research, Education and Entrepreneurship"

by Ajay P. Malshe, Ph.D., FInstP, Faculty of Electrical Engineering and Microelectronics and Photonics, University of Arkansas

Venue: EE Conference Room, I.I.T. ,Powai , Mumbai

Jointly with AP/ED Chapter and IIT Bombay

22nd June, 2006, 1000 hrs

"System of Systems" and current developments in Aerospace Technology

By Dr Zafar Taqvi, NASA

Venue : Aerospace Seminar Room, I.I.T., Powai, Mumbai

Jointly by Bombay Section and IIT Bombay, Aerospace Dept

18th July, 2006 , 1700 hrs

"Advanced Electronic Systems Engineering"

by Professor Krishna Shenai, FIEEE ,USTAR Professor, Utah State University,Logan,UT,USA

Venue: EE Conference Room, I.I.T. ,Powai , Mumbai

Jointly with AP/ED Chapter and IIT Bombay

2nd August , 2006 , 1400 hrs

"GaN based optoelectronic materials and devices"

by Dr. Arnab Bhattacharya, Dept. of Condensed Matter Physics and Materials Science, Tata Institute of Fundamental Research, Mumbai

Venue: EE Conference Room, I.I.T. ,Powai , Mumbai

Jointly with AP/ED Chapter and IIT Bombay

3rd August , 2006 , 1430 hrs

"Power Semiconductor Device Technology - An Overview"

by Dr. Ritu Sodhi, International Rectifier

Venue: EE Conference Room, I.I.T. ,Powai , Mumbai

Jointly with AP/ED Chapter and IIT Bombay

8th August , 2006 , 1530 hrs

"Ubiquitous Multimedia Computing and Communication: Challenges and Future Trends"

by Professor C. -C. Jay Kuo, University of Southern California

Venue: EE Seminar Hall, I.I.T. ,Powai , Mumbai

Jointly with IEEE Communications Society and IIT Bombay

15th August , 2006 , 1600 hrs

"What can Self-assembled Monolayers (SAMs) do for MEMS/NEMS?"

by Dr. K.P. Vijayamohan, Group Leader, Materials Electrochemistry Group, National Chemical Laboratory (NCL), Pune

Venue: Nanoelectronics Conference Room, 2nd floor, EE (Annex) Bldg., I.I.T. ,Powai , Mumbai

Jointly with AP/ED Chapter and IIT Bombay

23rd August , 2006 , 1430 hrs

"Inertial MEMS sensors"

by Prof. S. A. Gangal, University of Pune

Venue: Nanoelectronics Conf Room, EE (Annex) Bldg., I.I.T. ,Powai , Mumbai

Jointly with AP/ED Chapter and IIT Bombay

10th November, 2006 , 1000-1200 hrs

"Advanced SOI Technology : materials, devices, and mechanisms"

by Prof. E. Cristoloveanu, Grenoble, France

Venue: Institute Auditorium, IIT ,Powai , Mumbai

Jointly with AP/ED Chapter and IIT Bombay

10th November, 2006 , 1400-1600 hrs

"Modelling decanometer devices: Challenges and Perspectives"

by Prof. E. Sangiorgi, Univ. of Bologna, Italy

Venue: Institute Auditorium, IIT ,Powai , Mumbai

Jointly with AP/ED Chapter and IIT Bombay

18th-20th December, 2006

Conference on Electric & Hybrid Vehicles, Pune, India

Jt orgn : Bombay Section PES/IAS Chapter and Pune Subsection of IEEE Bombay .

Technical Co-sponsors : PES, IAS and Automotive Research Assn of India

21st December, 2006, 1130 hrs

An Overview of FLASH-OFDM and other Mobile Broadband Technologies

by Dr. Samir Kapoor, Senior Director, Engineering, QUALCOMM Inc

Venue : Seminar Hall, EE Dept. IIT ,Powai , Mumbai

Jointly with COMMSOC Chapter and IIT Bombay