



International Conference on Thin Films & Applications (ICTFA-2012)

March 15 – 17, 2012

Organized by

School of Electrical & Electronics Engineering, SASTRA University,
Thanjavur – 613 401, Tamil Nadu, India

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Convenor

Dr. R. John Bosco Balaguru
Associate Dean (Research)
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SASTRA University
Thanjavur - 613 401
India

Important Dates

Abstract Submission : 10-02-2012
Full Paper Submission : 28-02-2012
Intimation of Acceptance : 06-03-2012
Last Date for Registration : 10-03-2012

About SASTRA

A sprawling campus housing a built-up area of over 1.6 million square foot and a vibrant population of over 10,000 students and over 700 teaching faculty and state-of-the-art laboratories have made SASTRA a landmark in the educational map of India. SASTRA offers various undergraduate and post graduate courses in Engineering, Science, Education, Management, Law and Arts besides various Doctoral programmes. Since its inception SASTRA has achieved national standing and the standard of excellence of our courses is reflected in the grades awarded to us by the National Assessment and Accreditation Council and in the success of our students in both industry and academia in India and abroad.

About School of Electrical & Electronics Engineering

The School of Electrical & Electronics Engineering was started as the Department of Electrical & Electronics Engineering in 1984. The departments of Electronics & Instrumentation Engineering and Electronics & Communication Engineering were started in 1992 and 1994 respectively and later evolved as the School of Electrical & Electronics Engineering in 2003. One of the thrust areas of research in this school is thin film technology in which the faculty members are working on thin film based gas & bio sensors, biocompatible coatings, tribological coatings and thin film photovoltaics.

About the Conference

Physics and Technology of thin films play an important role to achieve smaller devices with higher speed especially in new generation of integrated circuits, sensors, flat panel displays, Micro-Electro-Mechanical Systems (MEMS), biomedical devices, optical instruments and microwave communications. Thin films as a nano-scale dimensional system have great importance to many challenging applications. Low material costs involved in thin film based devices coupled with high performance drives the research in this area. Thus, determination of the nature, functions and new properties of thin films in both micro and nano-scale can be used for the development of new technologies for future applications. This international conference on thin film and applications ICTFA - 2012 will bring together Researchers, Academicians, and Technologists on a common platform to exchange ideas on the latest developments in various areas of thin film technology around the globe.

Call for Papers

Original research articles are invited in the following areas:

- Thin Film Preparation & Characterization
- Optical & Dielectric Thin Films
- Ferroelectric & Piezoelectric Thin Films
- Coatings for Clean Energy
- Magnetic Thin Films
- Mechanical Properties of Thin Films
- Tribological Coatings
- Biological Coatings
- Ion Beam / Implantation Induced Modifications
- Nanostructured & Nanocomposite Coatings
- Sensors
- MEMS & NEMS

Registration Fee

Academicians	: Rs. 3000/-
Students	: Rs. 2000/-
Industry Participants	: Rs. 4000/-
Foreign Delegates	: \$ 200

The registration fee has to be paid in the form of **DD drawn in favour of "SASTRA UNIVERSITY", payable at Thanjavur.** The registration fee includes conference materials, refreshments and lunch.

You may download the registration form from our website:
http://sastra.edu/index.php?option=com_content&task=view&id=2346&Itemid=618



Tentative List of Speakers

Prof. Ajay Gupta, UGC-DAE, Indore
Prof. B.R.Mehta, IIT Delhi
Prof. Cheng-Chung Lee, National Central Univ.Taiwan
Prof. Chetan Singh Solanki, IIT Bombay
Prof. D. S. Patil, Homi Bhabha National Institute
Prof. Dawood, Pusan National University, SK
Dr. Eng. Hasabo Muhammad Ahmed, Sudan
Prof. Harish Barshilia, NAL, Bangalore
Dr. JohnV. Kennedy, National Isotope Center, NZ
Prof. K.L.Chopra, IIT Delhi
Dr. Lucky M, Centre for Nanostructured Materials, SA
Prof. Malick Maaza, I Themba Labs, SA
Prof. Masaharu Komiyama, Univ.of Yamanashi, JP
Prof. Mathew K. Moodley, CSIR, SA
Prof. S. K. Ray, IIT Karaghpur
Prof. S.B. Kirupanidhi, IISc., Bangalore
Prof. Sunil Kumar, Director, Coatings Mantra, AUS
Prof. A.K.Tyagi, IGCAR, Kalpakkam.

Filled-in registration forms may be sent to:

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Note: All presented papers will be peer-reviewed and published in the Journal of Applied Sciences, which is a SCOPUS indexed journal.

