

International Conference on Thin Films



November 13-17, 2017

Venue: CSIR-National Physical Laboratory, New Delhi-110012, INDIA

Advisory Committee

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GENERAL INFORMATION

CSIR-National Physical Laboratory (NPL) is organizing the 17th International Conference on Thin Films (ICTF-17) in collaboration of Indian Vacuum Society during 13-17 November 2017 at NPL, New Delhi. This is an important series of conference supported by "International Union for Vacuum Science, Technique and Application (IUVSTA)" which is organized every after three years. This triennial conference series endorsed and co-organized by IUVSTA, a union of national member societies whose role is to stimulate international collaboration in the fields of vacuum science, techniques and applications and related multi-disciplinary topics including solid-vacuum and other interfaces.

TOPICS

- Thin film metrology: precision measurement/characterization methods of thin film for thickness, surface, structure, properties etc & quantum standard.
- New approaches for thin film growth and characterization
- Thin film growth mechanism and models
- Plasma-surface interactions for thin film engineering
- Thin film multilayer and superlattices
- Nanostructured composite, multi-component & architecturally designed coatings
- Semiconductor, dielectric, ferroelectric & piezoelectric thin films
- Organic & carbon based thin films
- Magnetic, superconducting and multiferroic thin films
- Thin films for optoelectronics, nanoelectronics and spintronics
- Thin film solar cells: inorganic, organic, perovskites etc.
- Thin film sensors & actuators
- Industrial thin film coatings & applications
- Thin films and surfaces for biomedical applications
- Thin film for batteries
- Thin film instrumentation

Souvenir, Publication & Exhibition

A souvenir is being brought out on this occasion and an exhibition of thin films and vacuum equipments will also be arranged. Peer reviewed papers of the registered participants will also be published in a special issue of Elsevier "Vacuum" (Impact Factor 1.53).

Manuscript submission

Contributed papers containing new and significant research results on the topic listed in announcement brochure are invited for the Oral and Poster presentation. All the received papers would be subjected to a peer review process before acceptance.

IUVSTA-Elsevier Student Award & IVS - Presentations Award

The award is designed to give partial financial support to postgraduate research students within seven years of obtaining their first degree to help them to attend & presenting a paper at ICTF-17 NPL, New Delhi, India. Details on the award & conditions for applications can be find at <http://www.ictf2017.in>

PRE-CONFERENCE WORKSHOP

- "Thin Films & Coating Technology: Science and Industry", November 13, 2017 at NPL, New Delhi-110012, India
- "Thin film solar cells", November 13, 2017 at NPL, New Delhi -110 012, India

DUE DATES

Abstract submission:	July 31, 2017
Registration:	Sept 25, 2017 (without late fee)
Final program schedule:	October 30, 2017
Conference paper submission:	Nov. 20, 2017- Jan.30, 2018

Further information on the conference log on to the websites: <http://www.ictf2017.in>

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