

To

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International Symposium on Vacuum Science & Technology IVS - 2007
Accelerator and Pulse Power Division
Bhabha Atomic Research Centre
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International Symposium on Vacuum Science & Technology

IVS-2007

November 28-30, 2007
Homi Bhabha Auditorium, TIFR, Colaba
Mumbai 400 005

FIRST ANNOUNCEMENT

Organised by
INDIAN VACUUM SOCIETY

In collaboration with
BHABHA ATOMIC RESEARCH CENTRE
MUMBAI 400 085

Endorsed by
INTERNATIONAL UNION FOR
VACUUM SCIENCE, TECHNIQUE AND
APPLICATIONS

GENERAL INFORMATION

Indian Vacuum Society (IVS) was established in 1970 to promote vacuum science and technology in academic, industrial and R&D institutions in India. IVS is a member of the International Union of Vacuum Science, Techniques and Applications (IUVSTA) and its various committees. It has been organizing International and national symposia, short term courses and workshops on different aspects of Vacuum Science & Technology at regular intervals. So far, 26 National symposia, 3 International Symposia and 42 courses have been organised at various locations in India. There have been an active participation from R & D establishments, universities and Indian industries during all these events. In view of the current global scenario and emerging trends in vacuum technology, executive committee of IVS felt it appropriate to organise an international symposium at Bhabha Atomic Research Centre, Mumbai during November 28-30, 2007. The main areas covered under the symposium will be production and measurement of vacuum, leak detection, large vacuum systems, vacuum metallurgy, vacuum materials and processing. It will provide an opportunity for interaction to active researchers and technologists to review the current scenario, report recent results, share the available expertise and consider the future research and development directions in this area. A souvenir and an exhibition of the vacuum related equipments will also be organized along with the symposium.

TOPICS

- 1. Large Vacuum Systems:**
Particle Accelerators
Space Simulation Systems
Plasma Fusion devices etc...
- 2. Vacuum Technology:**
Production of low, medium, high, ultra high and extreme high vacuum
Vacuum Measurement
Leak Detection
- 3. Vacuum Metallurgy:**
Vacuum Evaporation, Hard Coatings and Thin Films

SYMPOSIUM FORMAT

The symposium will consist of invited talks, contributed papers (oral/poster) and a panel discussion.

SOUVENIR AND EXHIBITION

A souvenir is being brought out on this occasion. It will contain abstracts of all the papers being presented. Information on some vacuum equipments will be incorporated in this souvenir. An exhibition of vacuum equipments will also be arranged.

Manufacturers interested in the exhibition should contact the Convener, International Organising

DATE AND VENUE

The symposium and Industrial exhibition will be held from November 28-30, 2007 at Homi Bhabha Auditorium, Colaba, Mumbai 400 005, India.

REGISTRATION FEE

IVS Members :	Rs. 1200/
Nominees of Sustaining Members (Max 2)	Rs.1200/
Non Members	Rs. 1500/
Foreign Delegates	US \$ 300/
Students	Rs. 800/
Accompanying Spouse:	Rs. 800/ or US \$ 200/

BEST PAPER/POSTER AWARDS

C. AMBASANKARAN memorial and Smt. SHAKUNTALABAI VYAWAHARE memorial Awards will be conferred to two best contributed papers. Only papers received in time and presented by an author will be considered for the awards. A committee constituted by the Symposium Organising Committee will evaluate the relevance, scientific content, and

FELICITATION

IVS will felicitate two distinguished scientists/technologists who have contributed significantly for the development of vacuum science and technology in the country at the time of the

ABSTRACT SUBMISSION

Contributions to any of the topics above are welcome. The submission should include the title, author(s), affiliation(s), address (including email address) and a single page (A4 size, single space Arial Font 10) abstract. The abstract should be submitted to Convener, International Organising Committee in electronic form (Text or Microsoft Word format)

ACCOMMODATION

Limited accommodation is available at the BARC Training School Hostel on twin sharing basis. All efforts will be made to arrange accommodation in Guest

TRAVEL ASSISTANCE

Travel assistance could be provided to a few deserving Indian students. Those who need travel assistance may

PROCEEDINGS & FURTHER INFORMATION

It is proposed to publish the invited talks and the contributed papers in the form of Proceedings of the Symposium. International publishers are being approached for this purpose. Therefore, authors should prepare manuscripts according to the instructions and send by e-mail to the Convener. Hard copy of the same should be sent to the Convener later.

Further information on the symposium will be sent to those who respond to this announcement by mailing back the attached registration form by March 31, 2007. Interested participants can also log on to the IVS website:

DEADLINES

Intimation of Participation	March 31, 2007
Abstract Due Date	May 31, 2007
Intimation of Acceptance	June 15, 2007
Camera Ready Paper	August 15, 2007

REGISTRATION FORM

International Symposium on Vacuum Science and Technology (IVS - 2007)

November 28-30, 2007

(Please write or type in block letters and return by March 31, 2007)

Name :

IVS Member/Non Member/Student :

IVS Membership No.:

Address:.....
.....
.....
.....

Telephone :

Fax :

Email :

- * I shall attend the symposium and present a paper
- * I shall attend the symposium
- * I want to receive further information
- * I shall be accompanied by spouse

Accommodation will be needed: Yes/ No

Signature