First Announcement and Call for Papers

20th National and 9th ISHMT-ASME Heat and Mass Transfer Conference
January 4-6, 2010

To be held at

Indian Institute of Technology, Bombay
Mumbai 400076, India

Conference Topics

- Heat transfer by conduction, convection and radiation
- Conjugate heat transfer problems
- Phase change phenomena and multiphase flow
- Computational methods
- Instrumentation and measurement techniques
- Heat and mass transfer equipment and augmentation techniques
- Spray atomization and combustion processes
- Nuclear heat transfer
- Thermodynamic analysis and energy optimization
- Thermal Power Generation
- Manufacturing and materials processing
- Heat pipes theory and applications
- Chemical and food processing
- Transport processes in bioengineering and biological systems
- Thermal management of electronic equipment
- Clean energy technology and environmental heat transfer
- Nuclear reactor thermal hydraulics
- Cryogenics
- Solar thermal energy
- Hydrogen energy
- Thermal energy storage system
- Micro channel heat transfer
- Nano heat transfer
- Heat transfer in fires and fire mitigation
- Transport properties, Heat transfer in emerging areas

Important Dates

January 31, 2009  Last date for receipt of abstract
March 31, 2009  Intimation of acceptance
May 31, 2009  Last date of receipt of full-length papers
August 31, 2009  Acceptance of papers after revision
October 1, 2009  Last date of receipt of camera ready manuscript

LOCAL ORGANIZING COMMITTEE

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Under the auspices of

Indian Society for Heat and Mass Transfer
American Society of Mechanical Engineers
About the Conference

The importance of heat and mass transfer phenomena is ever increasing in established and emerging fields of research. All over the world, intensive research is being carried out on all aspects of heat transfer using theoretical, computational and experimental approaches. In order to foster international collaborations and discussions on heat transfer research, 20th National and 9th ISHMT-ASME Heat and Mass Transfer Conference is scheduled to be held between 4th and 6th January 2010 at Indian Institute of Technology, Bombay, Mumbai. More than 500 leading researchers from academia, R&D organizations and industries from various countries are expected to participate in this conference.

Background

The Indian Society for Heat and Mass Transfer (ISHMT) has been acting as a nodal agency stimulating research by conducting conferences once in two years in different parts of India since its inception in 1971. The next in this series (20th National and 9th ISHMT-ASME HMT conference) is being held at Indian Institute of Technology, Bombay, Mumbai in January 2010.

Paper Submission Information

Abstract of each paper (maximum 300 words) may be submitted to the conference website:

http://www.me.iitb.ac.in/~ishmt2010

On acceptance, the full length paper has to be prepared (contributed paper - 8 pages) as per the prescribed format, downloadable from the conference website.

To ensure high standards, all contributed papers will be reviewed by two independent reviewers. Based on the reviewers’ comments, the editor will make decision on the acceptance of the papers. To make certain that the reviewers' suggested corrections have been incorporated, authors may be asked to submit the revised manuscript to the editor for final acceptance. Upon final acceptance, a softcopy (both word and pdf file) of the full length paper together with a separate abstract to facilitate publication in the proceedings is to be uploaded in the above-mentioned conference website.

All papers will be included in CDROM proceedings to be released at the time of conference.

Venue

The Conference will be held at Indian Institute of Technology, Bombay, Mumbai in January 2010.

Accommodation

Mumbai city has several hotels within a radius of 20 km from the conference venue. Transport will be made available from guest houses/hotels to the conference venue and back. Details of these will be uploaded in conference website.

About Mumbai

Mumbai is the financial hub of India. Mumbai is also the state capital of Maharashtra. It is located on the western coast of India. The city is well connected by road, rail and air with all major cities such as New Delhi, Hyderabad, Kolkata (Calcutta), Chennai (Madras), Bangalore, etc. It is also directly connected by air to major cities of the world. There are many places of tourist interest in and around Mumbai. The climate in Mumbai is pleasant in January with a temperature around 25° to 30° C.
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