



27th National and 5th International
ISHMT-ASTFE
Heat and Mass Transfer Conference
IHMTC 2023
14-17 December 2023



About: The 27th National and 5th International Heat and Mass Transfer Conference ([IHMTC-2023](https://ihmtc2023.iitp.ac.in/)) will be organized by the Department of Mechanical Engineering, Indian Institute of Technology Patna, during 14-17 December 2023. This conference is jointly organized by the Indian Society of Heat and Mass Transfer- [ISHMT](https://www.ishmt.org/), and the American Society of Thermal and Fluid Engineers- [ASTFE](https://www.astfe.org/). The goal of this biannual classical conference is to gather scholars from all over the world to present advances in the fields of energy and transport phenomena and to foster an environment conducive to exchanging ideas.

Plenary Speakers



Prof. Zhuomin Zhang
Georgia Tech, USA

Topic: Nanoscale Thermal Radiation: From Theory to Application.



Prof. Patrick Phelan
Arizona State University, USA

Topic: Energy Efficiency—It's Mostly About Thermofluids Engineering.



Prof. Srinivas Garimella
Georgia Tech, USA

Topic: उष्णप्रयोगी - Food, Water, Comfort, Shelter: Putting heat to work, cool, clean, conserve, and preserve.



Prof. Pradip Dutta,
Indian Institute of Sciences

Topic: Thermochemical Energy Storage and Multifunctional Thermal Batteries.

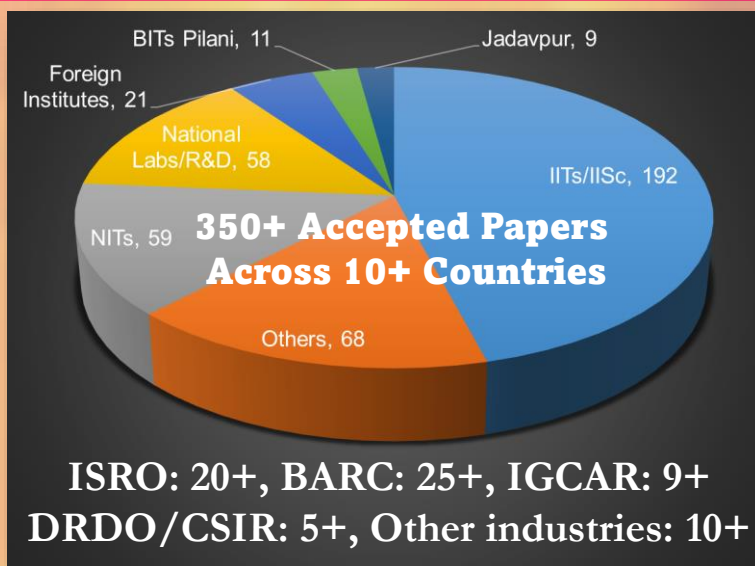


Prof. Amit Agrawal, Indian Institute of Technology Bombay

Topic: Quest for Equations beyond the Navier-Stokes.

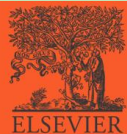
Keynote Speakers:

- ❖ Prof. Prashant Valluri, The University of Edinburgh, UK
- ❖ Prof. Vaibhav Bahadur, The University of Texas at Austin, USA
- ❖ Dr. S Sunil Kumar, LPSC, ISRO
- ❖ Dr. Deb Mukhopadhyay, Bhabha Atomic Research Centre
- ❖ Dr. D. K. Chandraker, Bhabha Atomic Research Centre
- ❖ Prof. Anupam Dewan, IIT Delhi
- ❖ Prof. Arvind Pattamatta, IIT Madras
- ❖ Prof. Sandip K. Saha, IIT Bombay
- ❖ Dr. Sivasankaran Harish, The University of Tokyo, Japan
- ❖ Prof. Anandaroop Bhattacharya, IIT Kharagpur
- ❖ Prof. Ranjan Ganguly, Jadavpur University
- ❖ Prof. Malay K. Das, IIT Kanpur
- ❖ Prof. Andallib Tariq, IIT Roorkee, India
- ❖ Mr. Santosh Manepally, CADFEM, India



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CONTACT: [Dr. Rishi Raj](mailto:Dr.Rishi.Raj@iitp.ac.in)
Mechanical, IIT Patna
ihmtc2023@iitp.ac.in
Ph: 8292339322