

## ANNOUNCEMENT OF A SPECIAL ISSUE IN IPHT

The organizing team of the [27<sup>th</sup> National and 5<sup>th</sup> International ISHMT-ASTFE Heat and Mass Transfer Conference \(IHMTFC-2023\)](#) is pleased to announce a special issue in the journal, *Interfacial Phenomena and Heat Transfer*. *Interfacial Phenomena and Heat Transfer*, a Begell House publication, aims to serve as a forum to advance understanding of fundamental and applied areas on interfacial phenomena, fluid flow, and heat transfer through interdisciplinary research. The journal is read by research workers, engineers, and scientists worldwide. The details of the special issue are outlined below:

### **Title: Interfaces in Heat Transfer: From Fundamental to Applications**

**About:** Authors of the 27<sup>th</sup> National and 5<sup>th</sup> International ISHMT-ASTFE Heat and Mass Transfer Conference with exciting results in experimental, simulation and theoretical studies on interfacial dynamics in heat transfer problems in the context of the list of TOPICS specified below, will be invited to submit full papers for this special issue. The guest editors will prioritize those papers which demonstrate original research on experimental, theoretical, and computational methods related to the theme of the special issue. Prospective authors are requested to note that the manuscript for this special issue should be significantly different from the version presented at the 27<sup>th</sup> National and 5<sup>th</sup> International ISHMT-ASTFE Heat and Mass Transfer Conference with an overlap of less than 30%.

### **TOPICS:**

- Bubbles, drops, falling films, thin-liquid-films
- Interfacial processes, capillarity, and wetting
- Surface science, coatings, thermal interface materials
- Colloidal systems-suspensions, emulsions, foams
- Surface-active molecules such as surfactants and ionic liquids
- Multi-phase flows and other related fields
- Application of interfacial aspects in thermal management, energy conversion and storage

**Submission Process:** Authors will be shortlisted based on the review of the conference paper and the comments received from the session chair after the conference presentation. The shortlisted authors will then be invited to submit a significantly revised version of the manuscript containing new results to *Interfacial Phenomena and Heat Transfer* tentatively by the end of February 2024. The submitted manuscript will undergo peer review as per the norms of the journal. Further details in this regard will be shared with the shortlisted authors in due course of time.

**Guest Editors:** Prof. Arvind Pattamatta, IIT Madras, Prof. Manabendra Pathak, IIT Patna; Dr. Soumyadip Sett, IIT Gandhinagar, Prof. K. Muralidhar, IIT Kanpur, and Dr. Rishi Raj, IIT Patna

22<sup>nd</sup> June 2023