

The [27<sup>th</sup> National and 5<sup>th</sup> International ISHMT-ASTFE Heat and Mass Transfer Conference \(IHMTTC-2023\)](#) organizing team is pleased to announce the collaboration with the [International Communication in Heat Transfer \(ICHMT\)](#) for *two special issues*. ICHMT serves as a worldwide forum promoting the rapid dissemination of transformative, high-impact research in all areas of heat and mass transfer and related processes, technologies, and systems. The ICHMT is read by research workers, engineers, and scientists worldwide. The details of the special issue for the potential authors of this conference are outlined below:

## 1. Special Issue # 1

### **Title: Advances in Heat-Exchanging Processes and Devices**

**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 thermal management, energy conversion, and enhancement strategies, and devices developed thereon will be invited to submit full papers for this special issue on “*Advances in Heat Exchanging Processes and Devices*.” Prospective authors are requested to note that the manuscript for this special issue should be significantly different, and an improved version of the paper presented at the 27<sup>th</sup> National and 5<sup>th</sup> International ISHMT-ASTFE Heat and Mass Transfer Conference.

**Keywords:** Advanced Heat Exchangers, Electronic Thermal Management, Battery Thermal Management, Novel Heat Sinks, Fuel cells, Heat Pipes, Thermosyphons, Vapor Chambers, and other devices

**Guest Editors:** Dr. Rishi Raj, IIT Patna; Prof. Manabendra Pathak, IIT Patna; and Prof. Amit Agrawal, IIT Bombay

## 2. Special Issue # 2

### **Title: Advanced Diagnostic Tools and Solution Methodologies for Heat and Mass Transfer**

**About:** Authors of the 27<sup>th</sup> National and 5<sup>th</sup> International ISHMT-ASTFE Heat and Mass Transfer Conference with novel results in the area of measurements, numerical, and data-driven techniques to facilitate heat and mass transfer calculations will be invited to submit full papers for this special issue on “*Advanced Diagnostic Tools and Solution Methodologies for Heat and Mass Transfer*.” Prospective authors are requested to note that the manuscript for this special issue should be significantly different, and an improved version of the paper presented at the 27<sup>th</sup> National and 5<sup>th</sup> International ISHMT-ASTFE Heat and Mass Transfer Conference.

**Keywords:** Measurement Techniques for Transport Processes, Advanced Computational Techniques, Data-driven Techniques, Novel Analytical Solutions, and others

**Guest Editors:** Dr. Rishi Raj, IIT Patna; Prof. Manabendra Pathak, IIT Patna; and Prof. Amit Agrawal, IIT Bombay

**Submission Process:** Authors will be shortlisted based on the review of the conference paper and the expert’s comments received after the conference presentation. The shortlisted authors will then be invited to submit a significantly improved version of the manuscript with substantially new results to ICHMT. Potential authors are requested to note that the conference paper cannot be the same as the submission to the Journal. The submitted manuscript will undergo peer review as per the standard norms of the journal. Further details in this regard will be shared with the shortlisted authors in due course of time.