



Online Workshop on Emerging Trends in Liquid-Vapor Phase Change Heat Transfer

July 17- 19, 2023



Schedule for Day 1: July 17, 2023 - Monday

Session	Timings	Speaker
Welcome message with an overview of the workshop	10:00 AM – 10:15 AM	---
Introduction: Boiling Heat Transfer	10:15 AM – 11:15 AM	Prof. Md. Qaisar Raza, NIT Patna
11:15 AM – 11:30 AM (BREAK)		
Introduction: Condensation Heat Transfer	11:30 AM – 12:30 PM	Prof. Soumyadip Sett, IIT Gandhinagar
12:30 PM – 03:00 PM (LUNCH BREAK)		
Introduction: Surfaces Science and Wettability	03:00 PM – 04:00 PM	Prof. Pallab Sinha Mahapatra, IIT Madras
Introduction: Computational Fluid Dynamics	04:00 PM – 05:00 PM	Prof. Ashwani Assam, IIT Patna

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Schedule for Day 2: July 18, 2023 - Tuesday

Session	Timings	Speaker
Recap of Day 1 and plan for Day 2	10:00 AM – 10:15 AM	Prof. Rishi Raj, IIT Patna
CFD in Multiphase Flow and Heat Transfer	10:15 AM – 11:15 AM	Prof. Sandip Saha, IIT Bombay
11:15 AM – 11:30 AM (BREAK)		
Microchannel Heat Sinks	11:30 AM – 12:30 PM	Prof. Manabendra Pathak, IIT Patna
12:30 PM – 03:00 PM (LUNCH BREAK)		
Recent Trends in Condensation Heat Transfer	03:00 PM – 04:00 PM	Prof. Soumyadip Sett, IIT Gandhinagar
Boiling Heat Transfer in Microgravity	04:00 PM – 05:00 PM	Prof. Rishi Raj, IIT Patna

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Schedule for Day 3: July 19, 2023 - Wednesday

Session	Timings	Speaker
Recap of Day 2 and plan for Day 3	10:00 AM – 10:15 AM	Prof. Rishi Raj, IIT Patna
Advanced Diagnostic Tools for Multiphase Flow and Heat Transfer	10:15 AM – 11:15 AM	Prof. Atul Srivastava, IIT Bombay
11:15 AM – 11:30 AM (BREAK)		
Machine Learning in Phase Change Heat Transfer	11:30 AM – 12:30 PM	Prof. Rishi Raj, IIT Patna
12:30 PM – 03:00 PM (LUNCH BREAK)		
Keynote: Phase-change Heat Transfer Devices and Systems	03:00 PM – 04:20 PM	Prof. Sameer Khandekar, IIT Kanpur
Workshop Conclusion	04:20 PM – 04:45 PM	----

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