

# MRSI-ICEM 2025

Wednesday, December 17, 2025

Parallel session - V

Symposium- H (Venue-LH1)

Session Chair: Anamitra Mukherjee

2:30 PM - 2:55 PM	Invited Talk	IT-H01 : <b>Swapan Pati</b> <b>JNCASR, IN</b>	Computational Modeling of Materials for finding Glass-like Thermal Conductivity and Quantum Spin Liquid Candidates
2:55 PM - 3:20 PM	Invited Talk	IT-H02 : <b>Bahadur Singh</b> <b>TIFR-Mumbai, IN,</b>	Modeling Topology, Flat Bands, and High-Order van-Hove Singularities in Quantum Materials
3:20 PM - 3:32 PM	Contributory Talk	CT-H01: <b>Anees P</b> <b>IGCAR Kalpakkam, IN</b>	Particle-to-wave-like crossover in thermal transport of materials: A Wigner formulation approach

3:33 PM - 4:10 PM

Tea break (Venue - Library foyer)

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Symposium- H (Venue-LH1)

Session Chair: Joydeep Bhattacharjee

4:10 PM - 4:35 PM	Invited Talk	IT-H03 : <b>Prasenjit Sen</b> <b>HRI, Allahabad, IN</b>	Accelerated Materials Design using Generative AI
4:35 PM - 4:47 PM	Contributory Talk	CT-H02: <b>Renjith S</b> <b>VSSC, ISRO, IN</b>	Molecular Dynamics Simulation for Predicting the Physical Properties of Cured HTPB / TDI System

5:15 PM - 6:30 PM

Poster (**P:01- P:100**) + Tea (Venue: Library 3rd Floor)

6:30 PM- 7:30 PM

Cultural Program (Venue-Auditorium)

7:30 PM- 9:30 PM

Dinner

**NOTES:** Invited Talk (25 Mins) ; Contributory Talk(12 Mins) ; **P: Poster**