

MRSI-ICEM 2025

Wednesday, December 17, 2025

Parallel session - I

Symposium- A (Venue-LH4)

Session Chair: Himanshu Biswal

2:30 PM - 2:55 PM	Invited Talk	IT-A01: Aswini Pradhan Hampton Uni, USA	Degenerate transparent wide Bandgap semiconductors for multiplication applications
2:55 PM - 3:20 PM	Invited Talk	IT-A02: Siddhartha Ghosh SRM University, IN	Aqueous Based Ultra-Small Magnetic Cr-doped CdSe Quantum Dots as a Potential Dual Imaging Probe in Biomedicine
3:20 PM - 3:32 PM	Contributory Talk	CT-A01: Anurup Das BARC, IN	Optical Properties of Cerium Doped Gd ₂ O ₃ -SrO-P ₂ O ₅ -SiO ₂ (GSPS) Glass for Scintillator Applications
3:33 PM - 3:45 PM	Contributory Talk	CT-A02: Surajit Ghosh MNIT, Jaipur, IN	Applications of Sol-Gel Synthesized Perovskite Zinc Titanate Photocatalysts

3:45 PM - 4:10 PM

Tea break (Venue - Library foyer)

Parallel session - I

Symposium- B (Venue-LH4)

Session Chair: Subhankar Bedanta

4:10 PM - 4:35 PM	Invited Talk	IT- B01: Atindra Nath Pal SNBNCBS, Kolkata, IN	Light-Matter Interactions, Contact Engineering and Single Defect Spectroscopy in Engineered 2D Heterostructures
4:35 PM - 5:00 PM	Invited Talk	IT-B02: Abhishek Ranna, MPI-CPfS, DE	Disorder as a Lens: Unconventional Superconductivity in Infinite-Layer Nickelates
5:00 PM - 5:12 PM	Contributory Talk	CT-B01: Edward Prabu Amaldass IGCAR, IN	Current redistribution induced anomalous Magneto-transport signatures in the Superconductor/Topological insulator (Mo/Bi ₂ Se ₃) heterostructure

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**