

10th National Conference on Condensed Matter Physics and Applications [CMPA 2022]

Department of Physics, Manipal Institute of Technology

Manipal Academy of Higher Education, Manipal - 576 104, Karnataka, INDIA

Venue: Sir M V Seminar Hall, Academic Block-2, MIT Manipal

PROGRAM SCHEDULE

December 02, 2022[Friday]

8.30 AM – 9.15 AM	FORMAL REGISTRATION
9:30 AM – 10:10 AM	INAUGURATION
10.10 AM – 10.40 AM	High Tea + Photo Session*
10:40 AM – 11:30 AM	Invited Talk-1:Keynote presentation Dr Vidhyadhiraja N. S. Dean, Fellowships and Extensions, Jawaharlal Nehru Centre for Advanced Scientific Research[JNCASR] Bengaluru Title: From Quantum Physics to Quantum Technologies
11:30 AM – 12:15 PM	Invited Talk - 2 Dr Nagesh Kini, Material Scientist, Co-Founder and CTO Vimano INC., Bengaluru Title: “Solid electrolytes: The holy grail of Li-ion batteries?” Chair Person: Dr. Ashok Rao
12:15 PM – 1:00 PM	Invited Talk - 3 Dr John Kiran, Scientist, Horiba Scientific Title: HORIBA Raman microscopes for materials science Chair Person: Dr. K Mohan Rao
1:00 PM – 2:00 PM	Lunch Break
2.00 PM- 3.15 PM	Oral Presentations - 1 Paper ID: P-1 to P-7, P-106 Chair Person: Dr. Pramoda Kumara Shetty
3.15 PM - 3.30 PM	TEA BREAK
3:30 PM – 5 PM	POSTER PRESENTATIONS - 1 Paper ID: P-16 to P-63, P-102 In charge: Dr. Ismayil & Dr. Akhilesh Ranjan
6.00 PM – 7.00 PM	Cultural Program [By Research Scholars and M.Sc students, Department of Physics, MIT Manipal]

***Photo session location: Near Innovation Center**

December 03, 2022[Saturday]

8 AM – 9 AM	Breakfast
9.15 AM – 10 AM	Invited Talk - 4 Dr Pritam Deb Professor, Department of Physics DPIIT Chair Professor, Intellectual Property Rights Cell Tezpur University (Central University), Assam INDIA Title: 2D Magnetism and Topological Phenomena Chair Person: Dr Sudha D Kamath
10 AM – 10:45 AM	Invited Talk – 5 Dr M M Shaijumon Associate Professor, School of Physics Indian Institute of Science Education and Research Thiruvananthapuram, Kerala Title: Atomically Thin 2-Dimensional Materials for Electrocatalysis Chair person: Dr Raviprakash Y.
10:45 AM – 11 AM	Tea Break
11 AM – 11:45 AM	Invited Talk – 6 Dr. Ramesh Thamankar Associate Professor, Centre for Functional Materials Vellore Institute of Technology, Vellore Title: Memory-Resistors: An ideal platform for Neuromorphic devices and computation : A Physicist's perspective Chairperson: Dr Dhananjaya Kekuda
11:45 AM – 1:00 PM	Oral Presentations - 2 Paper ID: P-8 to P-15 Chairperson: Dr Poornesh P.
1:00 PM – 2:00 PM	Lunch Break
2:00 PM – 2:30 PM	Overview of Research Facilities available at MIT Dr Dhananjaya Kekuda [Research Coordinator, Dept of Physics]
2:30 PM – 2: 45 PM	TEA BREAK
2:45 PM – 4:15 PM	Poster Presentations - 2 Paper ID: P-64 to P-108, P-121, 122 In Charge: Dr. Ashwatha Narayana Prabhu & Dr. Nagaraja K.K
4:15 PM- 5:00 PM	Feedback and Concluding Session