

भौतिक अनुसंधान प्रयोगशाला Physical Research Laboratory

2nd Symposium on Meteoroid, Meteor, Meteorites: Messenger from Space



https://www.prl.res.in/~plas/metmess22.html

Platinum Jubilee



Physical Research Laboratory MetMeSS-2022



The Physical Research Laboratory, Ahmedabad, is organizing the 2nd "*Meteoroids, Meteors and Meteorites: Messengers from Space" (MetMeSS)* symposium during November 24-25, 2022.

This online symposium aims at bringing prominent scientists and early researcher fellows to present their latest results that advance our understanding of the solar system formation and evolution. Scientific works on modelling to decipher the evolution of planetary and celestial bodies and planetary processes are also welcome.

The symposium aims to cover the following scientific themes:

- Presolar grains, Organics and Interplanetary Dust Particles
- Early Solar System: Events and Processes
- Differentiated Meteorites and Planetary Evolution: Achondrites, Moon and Terrestrial Planets
- Space Weathering and Surface processing of planetary bodies
- Micrometeorites and Meteorites fall/find records and Science
- Impact Processes and intricacy of Shock metamorphism
- Understanding Planetary Processes: Lessons from Analogue Studies
- Role of meteors in the atmospheric and ionospheric processes
- Science from Meteor Radars

Scientific Organizing Committee

Anil Bhardwaj, PRL, Ahmedabad, India Amit Kumar Patra, NARL, Gadanki, India Jayanta K. Pati, Allahabad University, India Sandeep Sahijpal, Panjab University, Chandigarh, India Pankaj Jain, IIT, Kanpur N.V. Chalapathi Rao, BHU, Banaras, India Rajneesh Bhutani, Pondicherry University, India Abhirup Datta, IIT, Indore K. Kishore Kumar, SPL, Thiruvananthapuram, India V.J. Rajesh, IIST, Thiruvananthapuram, India Umesh Khadane, IIST, Thiruvananthapuram, India Ramananda Chakrabarti, IISc, Bangalore, India Sujoy Kanti Ghosh, IIT, Kharagpur, India Guneshwar Thangjam, NISER, Bhubaneswar, India Satadru Bhattacharya, SAC, Ahmedabad, India Varun Sheel, PRL, Ahmedabad, India

Convener

Dwijesh Ray

Co-conveners

Ramakant R. Mahajan and Dipak Kumar Panda

Local Organizing Committee

Debabrata Banerjee	Shreeya Natarajan
Kuljeet K. Marhas	Vikram Goyal
Anil D. Shukla	Garima Arora
Amit Basu Sarbadhikari	Avadh Kumar
Yogita Kadlag	PLAS-PSDN Group

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IMPORTANT DATES	
Registration Begins	October 01, 2022
Registration Ends	November 01, 2022
(https://www.prl.res.in/~plas/metmess22.html)	
Abstract submission Deadline	November 05, 2022
(https://www.prl.res.in/~plas/metmess22.html)	
Symposia date	November 24-25, 202

About PLAS (Planetary Laboratory Analyses Section)

One of the objectives of planetary Science research at PRL is to understand the origin and evolution of the solar system by laboratory analyses of the extra terrestrial material (meteorites or mission returned samples). The Laboratory analyses (chemical and mineralogical characterization, spectroscopy and isotopic compositions) are also backed with the observational as well as theoretical work. In addition, research areas also include terrestrial impact craters and Moon-Mars analogue studies on Earth. PLAS group hosts an assembly of state-of-the-art instruments under one roof, like, XRD, XRF, FE-EPMA, LA-ICP-MS, NG-MS, Nano-SIMS.

