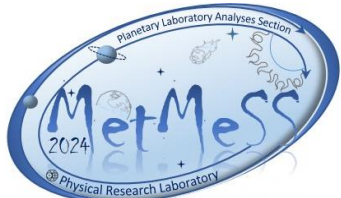भौतिक अनुसंधान प्रयोगशाला
Physical Research Laboratory

International Conference on Meteoroid, Meteor, Meteorites: Messenger from Space

MetMeSS-2024

20-22 November 2024

https://metmess2024.ipsa-asso.in/

Physical Research Laboratory (PRL), Ahmedabad is organizing an international conference on *Meteoroids, Meteors and Meteorites: Messengers from Space* **(MetMeSS-2024)** during 20-22 November 2024.

This is the fourth MetMeSS symposium, started by PRL in 2021, with the aim to enhance our understanding of the origin and evolution of the Solar System through laboratory studies of Earth and Planetary materials, and modeling to decipher the evolution along with planetary processes.

Important Dates	
Notification of Interest	20 June 2024
Abstract Due **(EXTENDED)**	~~15 August 2024~~ 31 August 2024
Registration deadline	15 Sept. 2024
Pre-conference school	18-19 Nov. 2024
Field trip	23-24 Nov. 2024

Scientific Themes

- Astrochemistry & Astrobiology
- Presolar grains, Organics & IDPs
- Early solar system: Events & Processes
- Differentiated Meteorites & Planetary Evolution
- Impact Process and intricacy of Shock Metamorphism
- Micrometeorites and Meteorites fall/find records and Science
- Role of meteors in the atmospheric and ionospheric processes
- Space Weathering & Surface processing of planetary bodies & dust formation
- Surface and Sub-surface science of Moon, Mars, Venus, & Small bodies
- Understanding Planetary Processes: Lessons from Analogue Studies
- Returned Samples: Planetary Missions and Instrumentation

Scientific Organising Committee

Anil Bhardwaj, PRL, Ahmedabad, India, Chair

Yves Marrocchi, CRPG-CNRS, Nancy, France

Mahesh Anand, Open university, UK

Hisayoshi Yurimoto, Hokkaido Univ. , Japan

Greg Schmidt, NASA-SSERVI, USA

Nachiketa Rai, IIT- Roorkee,India

Wing Huen Ip, NCU, Taiwan

Varun Sheel, PRL, Ahmedabad, India

Stephanie C. Werner, Univ. of Oslo, Norway

Sujoy Ghosh, IIT- Kharagpur, India

Christian Koeberl, Univ. of Vienna, Austria

Convenor:
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Co-convenor:
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Meteoroid
Meteor
Meteorite

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