

2nd Metis Science Meeting

Monday 27 January 2025

Metis Science: Metis status and science so far (14:10 - 14:30)

-Conveners: Marco Romoli

Metis Science: SWA status and science so far (14:30 - 14:50)

-Conveners: Raffaella D'Amicis

Metis Science: The Coupling of the Closed and Open Corona (Keynote) (14:50 - 15:20)

-Conveners: Spiro Antiochos

Metis Science: Forward models of white light emission from MHD simulations of reconnection outflows and coronal mass ejections (15:20 - 15:50)

-Conveners: Peter Wyper

Metis Science: CME plasma diagnostics using Metis coronagraph (16:10 - 16:40)

-Conveners: Sonja Jejič

Metis Science: High cadence and high resolution observation of a CME observed by Solar Orbiter Metis Coronagraph in October 2022 (16:40 - 17:10)

-Conveners: Giuliana Russano

Metis Science: Unifying the Physical Understanding of CMEs through Remote Sensing Observations in the PSP/Solo Era (17:10 - 17:40)

-Conveners: Alessandro Liberatore

Metis Science: Preliminary Analysis of Recurrent and Confined Plasma Emission Observed by Metis on 5–6 October 2023 (17:40 - 18:00)

-Conveners: Paolo Romano

Tuesday 28 January 2025

Metis Science: Reconstructing the interplanetary propagation of the September 5, 2022 ICME event with a data-driven MHD simulation (09:00 - 09:30)

-Conveners: Ruggero Biondo

Metis Science: Metis Observations of Geoeffective Solar Events (09:30 - 10:00)

-Conveners: Preity Sukla Sahani

Metis Science: Applying Supervised Learning Methods for Metis Data Validation (10:00 - 10:30)

-Conveners: Aleksandr Burtovoi

Metis Science: Detection and classification of comet-like objects in Metis coronagraph images using deep learning (10:50 - 11:20)

-Conveners: Lama Moualla

Metis Science: Monitoring the evolution of intense solar energetic particle events with the Solar Orbiter EPD-HET and Metis instruments (11:20 - 11:50)

-Conveners: Catia Grimani

Metis Science: Search in Metis images for structures related with energetic particle events (11:50 - 12:20)

-Conveners: Angelos Michailidis

Metis Science: Helium emission in eruptive prominences (12:20 - 12:40)

-Conveners: Petr Heinzel

Metis Science: Observations of Polar Plumes with Metis Coronagraph (14:00 - 14:30)

-Conveners: Luca Zangrilli