

Session Program

3-5 Nov 2026



EU-ESA Workshop on Meteor Observations for Planetary Defence

Atmospheric entry, physical properties and impact consequences

Petralia Sottana, Sicily
SP29, 90027 Petralia Sottana PA

Thursday 5 November

09:00

Atmospheric entry, physical properties and impact consequences

Session | **Location:** Petralia Sottana, Sicily, SP29, 90027 Petralia Sottana PA

09:25

11:00

Atmospheric entry, physical properties and impact consequences

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11:00-11:25

Automated Meteor Impact Classification for Planetary Defence

Speaker

Maria Gritsevich

11:25-11:50

From discovery to disruption: reconstructing the journey of asteroid 2023 CX1

Speaker

Auriane Egal

11:50-12:15

From orbit to ground: pre-impact meteorite strewn field predictions for imminent impactors and meteorite recovery.

Speaker

Anna Moscati

12:30

12:15-12:30

Open Discussions

14:00

Atmospheric entry, physical properties and impact consequences

Session | **Location:** Petralia Sottana, Sicily, SP29, 90027 Petralia Sottana PA

14:00-14:25

From natural hazards to artificial ones: tracking and characterising space debris re-entries using seismic data

Speaker

Benjamin Fernando

14:25-14:50

Meteorite Fall Detection, Analysis, and Rapid Recovery using U.S. Weather Radars

Speaker

Marc Fries

14:50-15:00

Open discussions

15:00-15:25

Technologies using bolide shockwaves to infer impactor characteristics: science opportunities, strengths and weaknesses.

Speaker

Peter Brown

15:40