

Session Program

3-5 Nov 2026



EU-ESA Workshop on Meteor Observations for Planetary Defence

Opportunistic detectors: Seismic detector, weather radar, lightning imager

Petralia Sottana, Sicily
SP29, 90027 Petralia Sottana PA

Tuesday 3 November

15:05

Opportunistic detectors: Seismic detector, weather radar, lightning imager

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

15:05–15:30

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

Speaker

Benjamin Fernando

15:30–15:55

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

Speaker

Peter Brown

15:55

16:25

Opportunistic detectors: Seismic detector, weather radar, lightning imager

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

16:25–16:50

Automated fireball detection and characterisation from space with MTG-LI

Speaker

Niels Rubbrecht

16:50–17:15

Fireballs in the lightning: Geostationary satellites as calibrated planetary-defence sensors

Speaker

Simon Anghel

17:15–17:40

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

Speaker

Marc Fries

18:00

17:40–18:00

Open discussions