

Session Program

6-8 Oct 2025



EU-ESA Workshop on Astrometric and Radar Observations of NEOs

Orbit determination and impact monitoring

ESRIN, ESRIN-01121-Magellan
Via Galileo Galilei, 1 00044 Frascati RM

Monday 6 October

14:15

Orbit determination and impact monitoring

Session | **Location:** ESRIN, ESRIN-01121-Magellan, Via Galileo Galilei, 1 00044 Frascati RM

14:15–14:40

Asteroid orbit determination and impact monitoring at ESA: the Aegis software

Speakers

Francesco Gioanotto, Laura Faggioli, Marco Fenucci

14:40–15:05

Advancing orbit determination and impact monitoring with ADES and high-precision astrometry: an example on 2024 YR4

Speakers

Francesco Gianotto, Laura Faggioli, Marco Fenucci

15:05–15:30

Identifying and Understanding Bad Tracklets: Inaccurate and Mis-Attributed Astrometry

Speakers

Federica Spoto, Jorge A. Perez-Hernandez, Matthew Payne, Peter Veres

15:30