

Session Program

6-8 Oct 2025



EU-ESA Workshop on Astrometric and Radar Observations of NEOs

Software and new technologies

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

Tuesday 7 October

11:30

Software and new technologies

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

11:30-11:55

NEODetect: An AI-based real-time system for faint NEO trail detection - latest enhancements for improved accuracy and usability

Speaker

Szabolcs István Velkei

11:55-12:20

Astrometrica: Basic functions and practical application

Speaker

Herbert Raab

12:20-12:45

Exploring the Impact of Camera Timing on NEO Astrometry

Speaker

Daniel Parrott

12:45-13:10

sCMOS Detectors for NEO Observations: Opportunities and Challenges

Speaker

Miguel R. Alarcon

13:10

15:00

Software and new technologies

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15:00-15:25

Commissioning and First Light Results of ESA's Flyeye-1 Telescope

Speaker

Dora Fohring

15:50