



UNIVERSITÀ
DI TRENTO

Dipartimento di
Fisica

A large satellite with multiple solar panel arrays is shown in space, orbiting Earth. The satellite is the ESA Euclid mission, designed for cosmological studies.

PhD Program in Space Science and Technology - SST

Overview of the ESA Euclid Satellite: scientific objectives and first results

Specific Seminar – Curriculum 1

June 25, 2025, 4.00 p.m.

Speaker:

Dr. Valeria Pettorino, ESA Project Scientist for the Euclid Mission

Abstract:

I will give an overview of the ESA Euclid Mission, its scientific objectives for cosmology and the study of dark energy and Large Scale Structure; I will recall the main milestones so far, its challenges, and highlight the first results from the Early Release Observations to the First Quick Data Release. Finally, I will recall future steps. I will also mention ESA programmes dedicated to postdoc opportunities within the ESA Science Directorate.

Online attendance:

Remote Link: <https://sisa-it.zoom.us/j/86958520605?pwd=WOBu6OI56wIBHdCfqPb69FTHstrba.1>