

Session Program

5-7 May 2026



Ariel-IT: 5th national meeting on Ariel science

Planet formation and population synthesis

Fuligno Cenacle
Via Faenza 40, 50123, Firenze

Wednesday 6 May

14:30

Planet formation and population synthesis

Session | Location: Fuligno Cenacle, Via Faenza 40, 50123, Firenze

14:30-14:55

From Discs to Planets: How Planet Formation Shapes Planetary Compositions

Speaker

Elenia Pacetti

14:55-15:20

The impact of stellar composition on planet formation by pebble accretion

Speaker

Danai Polychroni

15:20-15:40

Constraining the impact of the disc environment on planet formation history through planet population synthesis

Speaker

Sebastiano Ledda

15:40-16:00

OPAL and its Legacy: new tools and methodologies for the study of exoplanets and star-disk-planet connections

Speaker

Diego Turrini

16:00