

Session Program

Sep 25 - 27, 2023



PLATO Science in Italy: ready to data exploitation?

Session 5 - Neptunians and Jovians, Atmospheres: expected gain, challenges

INAF - OACT, Aula Ovest
Via S. Sofia 78, 95123 Catania, ITALY

Tue, September 26

4:30 PM

Session 5 - Neptunians and Jovians, Atmospheres: expected gain, challenges

Session | **Location:** INAF - OACT, Aula Ovest, Via S. Sofia 78, 95123 Catania, ITALY

4:30 – 5:00 PM **Synergies with Gaia**

Speaker

Alessandro Sozzetti

5:00 – 5:30 PM **Synergies with Ariel**

Speaker

Giuseppina Micela

5:30 – 6:00 PM **Synergies with Tess**

Speaker

Marco Montalto

6:00 PM

Wed, September 27

9:15 AM

Session 5 - Neptunians and Jovians, Atmospheres: expected gain, challenges

Session | **Location:** INAF - OACT, Aula Ovest, Via S. Sofia 78, 95123 Catania, ITALY

9:15 - 9:45 AM

Neptune-sized and unexpected: unveiling the variety of compositions of intermediate-size transiting planets with HARPS-N

Speaker

Matteo Pinamonti

Location

remote

9:45 - 10:00 AM

A systematic validation of hot Neptunes in TESS data

Speakers

Christian Magliano, Giovanni Covone

Location

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10:00 - 10:15 AM

PLATO on the shoulders of TESS: analyzing mono-transit planet candidates in TESS data as a prior knowledge for PLATO observations

Speaker

Christian Magliano

Location

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10:15 - 10:30 AM

Exoplanet atmospheric characterization with PLATO Phase curves: Best Candidates

Speaker

Vikash Singh

Location

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10:30 - 10:45 AM

Session 5 discussion chaired by

Speaker

Aldo Stefano Bonomo

Location

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10:45 AM