

Session Program

5-7 May 2026



Ariel-IT: 5th national meeting on Ariel science

Activity, Star-Planet Interactions

Fuligno Cenacle
Via Faenza 40, 50123, Firenze

Wednesday 6 May

09:00

Activity, Star-Planet Interactions

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

09:30-09:55 **The role of activity**

Speaker

Antonino Petralia

09:55-10:15

Characterization of the high-energy irradiation of the exoplanets in Italian Ariel Dry-Run sample

Speaker

Dr Antonio Maggio

10:15-10:40

Can Ariel Reveal Ionizing Radiation Effects? Insights from Atmospheric Modeling

Speaker

Daniele Locci

10:40-11:00

Star-Planet Interaction: the role of stellar activity in shaping the evolution of planetary atmospheres

Speaker

Daniele Locci

11:00

11:30

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11:30-11:50

Characterizing Stellar Flares in the ARIEL Targets: Activity Analysis and Transit Probabilities

Speaker

Gabriele Galletta

11:50-12:10

Revised TESS Absolute Flux Scale Using Gaia BP/RP Spectra

Speaker

Ms Maria Messineo

12:10-13:00

Discussion on stars

13:00