

Exoplanets in Italy: status and perspectives

Thursday 27 February 2025

Atmospheric Characterization of Exoplanets (12:20 - 13:00)

-Conveners: Chair: Riccardo Spinelli

time	[id] title	presenter
12:20	[32] Evaporation of close-in planets	GUILLUY, Gloria
12:45	[33] How long a planetary atmosphere could resist to the action of stellar wind?	DI MAURO, Maria Pia

Atmospheric Characterization of Exoplanets (14:30 - 16:10)

-Conveners: Chair: Monica Rainer

time	[id] title	presenter
14:30	[34] Planetary Atmospheres from Low and High Dispersion Spectroscopy	BORSA, Francesco
14:55	[35] Retrieving the Atmospheres of Distant Worlds: Insights from High-Resolution Spectroscopy	GIACOBBE, Paolo
15:10	[36] High dispersion optical phase curves of ultra-hot Jupiters with SHINE ON	PINO, Lorenzo
15:25	[37] Single line analysis: a powerful tool to probe exoplanetary atmospheres	D'ARPA, Mattia Claudio
15:40	[38] Atmospheric characterization of Exoplanets with CHEOPS	SINGH, Vikash
15:55	[39] Modelling Exoplanetary Atmospheres undergoing Atmospheric Escape Mechanisms	BIASSONI, Federico

Atmospheric Characterization of Exoplanets (16:40 - 17:25)

-Conveners: Chair: Riccardo Spinelli

time	[id] title	presenter
16:40	[40] Exo-climates and habitability of rocky planets: modelling tools and systematic studies for future instruments	SILVA, Laura
16:55	[41] Constraining exoplanetary clouds with Jupiter Observations: Insights from Juno & JWST	BIAGIOTTI, Francesco
17:10	[42] ASTERIA: Adaptability of cyanobacteria from extreme environments to stellar UV radiation	BILLI, Daniela