

Exoplanets in Italy: status and perspectives

Friday 28 February 2025

Future Instruments and Technologies for Exoplanet Science (09:00 - 10:45)

time	[id] title	presenter
09:00	[45] PLATO: an ESA mission to discover transiting habitable Earths around solar-type stars	NASCIMBENI, Valerio
09:25	[46] Ariel	TINETTI, Giovanna
09:50	[47] The Roman Galactic Exoplanet Survey: demographics beyond the snow line with microlensing	BOZZA, Valerio
10:05	[48] HWO and LIFE: future space telescopes to look for life in the universe	ALEI, Eleonora
10:30	[49] A look to the future: the HWO mission	FONTANA, Adriano

Future Instruments and Technologies for Exoplanet Science (11:15 - 12:55)

time	[id] title	presenter
11:15	[50] Pushing the Limits of space-based Astrometry: Technological Advances and Technical challenges	BUSONERO, Deborah
11:30	[51] ANDES the High-Resolution Spectrograph for the ELT - Overview, Future Developments, and Science Objectives	MARCONI, Alessandro DI MARCANTONIO, Paolo
11:55	[52] Improving the SPHERE's Extreme Adaptive Optics correction with SAXO+	SCHREIBER, Laura
12:10	[53] The Planetary Camera and Spectrograph (PCS) for the ELT	GRATTON, Raffaele
12:25	[54] The Sardinia Radio Telescope in the Breakthrough Listen Program and synergies with the science of exoplanets	MELIS, Andrea
12:40	[55] The role of the TNG in the exoplanetary science of the next future	GHEDINA, Adriano