



# ESP2024: PLATO Planetary Systems - formation to observed architectures

## Thursday, 16 May 2024

### Exoplanets Evolution (09:00 - 13:00)

-Conveners: Christoph Mordasini; Christine Lam

time	[id] title	presenter
09:00	[59] The evolution and composition of exoplanets: from low-mass multiplanetary systems to gas giant interiors	ACUÑA, Lorena
09:30	[56] The surprising range of characteristics found in Neptune-sized Exoplanets	MANCINI, Luigi
09:50	[36] Constraints on transit-detected system architectures from formation and evolution studies	LIBERT, Anne-Sophie
10:10	[39] Exploring the links between exoplanet architectures and birth environments through the discovery and characterisation of young exoplanets	BATTLE, Matthew
10:30	[44] The HD110067 sextuplet - detection of a unique resonant planetary system which could unlock planet formation	OSBORN, Hugh
10:50	Coffee break	
11:20	[68] HARPS-N insights for PLATO: exoplanets in a chemical and formation history context	MORTIER, Annelies
11:50	[63] The M Dwarf Planet Radius Distribution from Kepler to PLATO	GAIDOS, Eric
12:20	[47] Mapping Galactic exoplanetary architectures with ESA PLATO and NASA Roman	KERINS, Eamonn
12:40	[52] Unveiling the internal structure and formation history of the three planets transiting HIP 29442 with CHEOPS	EGGER, Jo Ann