

ESP2024: PLATO Planetary Systems - formation to observed architectures

Wednesday, 15 May 2024

Advances in planet formation (14:30 - 18:20)

-Conveners: Giampaolo Piotto; Hans Deeg

| time | [id] title | presenter |
|-------|---|----------------------|
| 14:30 | [67] System architectures: formation or evolution? | MORDASINI, Christoph |
| 15:00 | [42] Linking the primordial composition of stars to the present-day composition of their rocky exoplanets | ADIBEKYAN, Vardan |
| 15:20 | [38] Linking stellar compositions with planet formation: Stellar formation and evolution models with accretion | KUNITOMO, Masanobu |
| 15:40 | [69] Recent developments in the theory of planet migration | NELSON, Richard |
| 16:10 | Coffee break | |
| 16:40 | [37] Understanding the formation of small planets by searching for their cold giant siblings. The fundamental role of PLATO | BONOMO, Aldo Stefano |
| 17:00 | [58] Astrometric accelerations of stars with candidate transiting planets: blended eclipsing binaries or close companions to planet hosts | DESIDERA, Silvano |
| 17:20 | [64] Constraining Planet Formation and Evolution with PLATO: Importance of Heat Transport | GUILLOT, Tristan |
| 17:50 | [54] Towards the mysterious origins of warm Jupiters | SMITH, Alexis |