Session Program

7-11 Jul 2025



Detection and Dynamics of Exoplanets (DDE): Interplay between theory and observations

Poster Session

Physics Department, University of Coimbra, Auditorium C.1 Rua Larga, 3004-516 Coimbra, Portugal

Tuesday 8 July

11:30-11:31 Heating of planetesimals from 26Al and 60Fe Speaker Joseph Eatson 11:31-11:32 How to go from theory to observations with Al Speaker Sara Marques 11:32-11:33 Detection and Characterisation of S-type exoples Speaker Speaker	
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Lina Messamah	anets in binari
11:33-11:34 Precise Mass Refinement of Three Sub-Neptune Systems fro Observations Speaker Samuel Geraldía González	m Radial Veloo
11:34-11:35 Synthetic planetary detection rates using simulated radial v Speaker Romain Eltschinger	elocity observ
11:35-11:36 Non-ideal MHD simulations of hot Jupiter atmos Speaker Clàudia Soriano	pheres
11:36-11:37 Planetary Dynamos in Evolving Cold Gas Giants Speaker Albert Elias-López	
11:37-11:38 Stellar Flybys are Unlikely under New Constraints from Sed Speaker Qingru Hu	noid Observati
11:38-11:39 Searching Transiting Exoplanets through Machine Learning Speaker Li-Chin Yeh	Techniques

11:39-11:40

Exoplanet search with astrometric technique: applications to nearby exoplanet systems

Speaker

Adriana Barbieri

11:40-11:41

Architecture and masses of a (near-)resonant Kepler system through photodynamical modeling

Speaker

Marylyn Rosenqvist

11:41-11:42 The NASA Landolt mission

Speaker

Peter Plavchan

11:42-11:43 PLATOSpec, new instrument for characterizing exoplanetary systems

Speaker

Petr Kabáth

11:43-11:44 Photometric follow-up of Young Candidate Planets

Speaker

Rosa Hoogenboom

11:44-11:45

RHADaMAnTe: A code to estimate the SED of a wall of a gap opened by a planet in a protoplanetary disk

Speaker

Francisco Rendón

11:45-11:46 Spectroscopic study of misaligned hot Jupiter KELT-7b

Speaker

Dmytro Orikhovskyi

11:46-11:47

The TROY Project: Exploring Data for Orbital Indicators and Dynamics of Exotrojans

Speaker Carmen Haukes San Lázaro

11:47-11:48 Dynamical constraints on the V1298 Tau system

Speaker Sérgio Gomes

11:48-11:49

How Different Initial Conditions Can Affect the Configuration of Planetary Systems

Speaker

Beatrice Caccherano

11:49-11:50 The Role of the Environment in Hot Jupiter Formation and Survival

Speaker

Mika Kontiainen

11:50-11:51 Freeze out of planet inclinations in longterm exoplanet dynamics

Speaker Sacha Kuhn	
11:51-11:52	Your Opportunities with ESA's CHEOPS
Speaker	ther
Maximilan Gun	
11:52-11:53	TESS Timings of 31 Hot Jupiters with Ephemeris Uncertainties
Speaker	
Susu Shan	
11:53-11:54	Exoplanets: Transits and Habitability
Speaker	
Vitória Bellecer	ie da Fonseca
11:54-11:55	General AMD-stability criterion for exoplanet systems
Speaker	
Justine Bodart	
Retrograde	resonant configurations in planetary systems with arbitrary masse
Sneaker	resonant comparations in planetary systems with arbitrary masse
Helena Morais	
11:56-11:57	
11:56-11:57 Mapping se	cular migration trajectories of the ups-Andromedae system
11:56-11:57 Mapping se Speaker	cular migration trajectories of the ups-Andromedae system
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11:56-11:57 Mapping se Speaker Eduardo Verron 11:57-11:58 Speaker	cular migration trajectories of the ups-Andromedae system e Planet dynamics during common envelope evolution of binary star