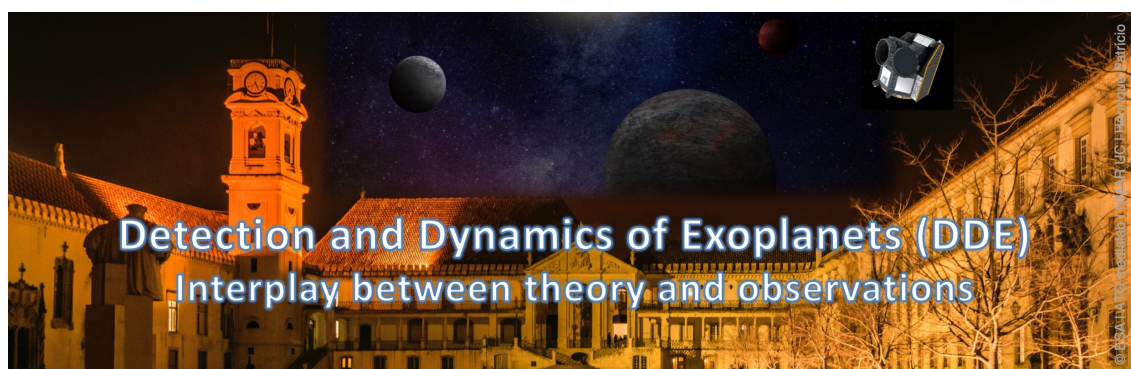


Session Program

7-11 Jul 2025



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

TTVs and transit-detected compact systems

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

Friday 11 July

09:00

TTVs and transit-detected compact systems

Session |

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

09:00–09:30

Architecture of resonant systems of sub-Neptunes: constraints from transit timing variations

Speaker

Adrien Leleu

09:30–09:45

Detection of Inner Companions of Hot Jupiters through Transit Timing Variations

Speaker

Judith Korth

09:45–10:00

Stretching the limits of TTV analysis

Speaker

Aviv Ofir

10:00–10:15

Fascinating Transit Timing Variations of Hot Jupiters: Evidence of Planet Migration

Speaker

Fan Yang

10:15–10:30

A decade of transit photometry for K2-19: breaking the mass-eccentricity degeneracy

Speaker

Rosemary Mardling

10:30

11:00

TTVs and transit-detected compact systems

Session |

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

11:00–11:15

TESS warm-Jovian exoplanets with strong TTVs

Speaker

Trifon Trifonov

11:15–11:30

Transit Timing Variations in HIP41378: CHEOPS and TESS probe the architecture of a six-planet system

Speaker

Pietro Leonardi

11:30–11:45

Transit timing variations with NGTS

Speaker

Daniel Bayliss

11:45-12:00

Exceptionally Large Transit Timing Variations in TOI-4504: A Tale of Resonance and Complexity**Speaker**

Michaela Vítková

12:00-12:15

Uniform search of new TESS transiting candidates in the Neptunian desert**Speaker**

Marina Lafarga Magro

12:15-12:30

Demographics of Close-In TESS Neptunian Planets Orbiting FGK Stars**Speaker**

Kaiming Cui

12:30-12:45

Multi-methods extraction of TTVs for (near-)resonant systems in Kepler, TESS and PLATO**Speaker**

Yannick Eyholzer

12:45