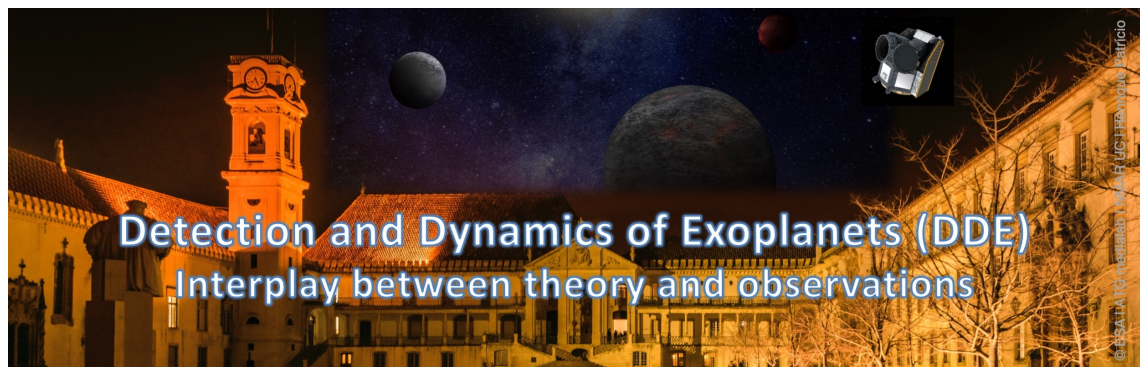


## Session Program

7-11 Jul 2025



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

### *Astrometry and direct imaging*

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

# Thursday 10 July

09:00

## Astrometry and direct imaging

**Session** |

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

09:00–09:30

### Astrometry and direct imaging

**Speaker**

Anne-Marie Lagrange

09:30–09:45

### Astrometric jitter due to magnetic activity for Sun-like stars

**Speaker**

Sowmya Krishnamurthy

09:45–10:00

### The search for exoplanets using Gaia-DR3's RUWE and Hipparcos-Gaia proper motion anomaly

**Speaker**

Flavien Kiefer

10:00–10:15

### Orbital Analysis of HR8799 Using GRAVITY High Precision Astrometry

**Speaker**

Amanda Chavez

10:15–10:30

### M15pc : The search for giant planets around M dwarfs with Gaia

**Speaker**

Florian Destrieux

10:30

11:00

## Astrometry and direct imaging

**Session** |

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

11:00–11:15

### Astrometric constraints on long-period planetary companions: present and DR4 perspectives

**Speaker**

Matteo Pinamonti

11:15–11:30

### Dynamically Constraining the PDS 70 Planet Masses

**Speaker**

David Trevascus

11:30–11:45

### The Impact of Mean Motion Resonances on the Astrometric Detection of Giant planets

**Speaker**

Emmanuel Greenfield

11:45–12:00

### Imaging and characterising forming exoplanets in their birth environment

**Speaker**

Justin Latour

12:00-12:15

**Detection and characterization of planetary mass objects using a multi-technique approach**

**Speaker**

Dino Mesa

12:15-12:30

**Searching for exo-satellites around directly imaged companions and brown dwarf binaries using KPIC**

**Speaker**

Katelyn Horstman

12:30