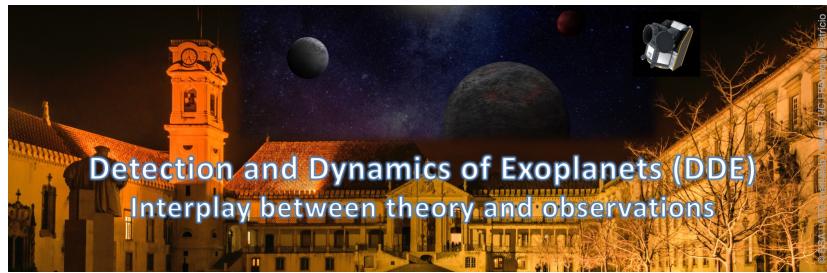


Detection and Dynamics of Exoplanets (DDE): Interplay between theory and observations



Contribution ID: 114

Type: **not specified**

Astrometry and direct imaging

Thursday, July 10, 2025 9:00 AM (30 minutes)

Absolute astrometry and direct imaging enable the detection of (mostly) giant planets located beyond 5–10 AU –distances typically inaccessible to transit photometry and radial velocity methods. As such, they play a crucial role in probing the population of distant giant planets and testing models of planet formation. The youngest of these planets also provide unique opportunities to study interactions between planets and disks. In this talk, I will present an overview of current knowledge, including recent findings, and highlight promising prospects for the near future.

Presenter: LAGRANGE, Anne-Marie (CNRS/Paris Observatory/PSL)

Session Classification: Astrometry and direct imaging