

## 7th China-Chile Bilateral Conference for Astronomy



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## Planetary Sciences Research at U Chile

*Thursday, January 8, 2026 4:30 PM (15 minutes)*

The exoplanet group at Universidad de Chile conducts a broad range of research on exoplanets and planetary atmospheres. This work is made possible through the efforts of several students and collaborations with focus in the analysis of ground-base observations using state-of-the-art techniques and instrumentation. In this talk, I will summarize both published and ongoing projects, which include: Photometric time series of extra-solar planets; high-precision spectroscopy of Solar System objects, used as templates for precise atmospheric modeling; exoatmospheric characterization of both transiting and directly imaged exoplanets.

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