

## 7th China-Chile Bilateral Conference for Astronomy



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# Disks, Winds and Outflows from Nearby Low Mass protostars

*Friday, January 9, 2026 2:15 PM (15 minutes)*

I will present the results of an ALMA survey of southern, nearby low mass protostars in cloud environments.

A total of 125 protostars in nearby molecular clouds were surveyed in ALMA Band 6 in high resolution (0.1 arcsec) dust continuum and moderate resolution (1 arcsec) CO 2–1 maps. The survey covers spatial scales from 40 to 6000 au. I will show statistics and morphology of disk dust emission (Hsieh et al) and protostellar multiplicity (in preparation). I will also characterize the observed molecular outflows and argue against a simple outflow evolution as a function of Tbol.

**Author:** Prof. MARDONES, Diego (Universidad de Chile)

**Presenter:** Prof. MARDONES, Diego (Universidad de Chile)

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