

Planet-forming disks in the era of ALMA

The process of disk evolution and planet formation will leave an imprint on the distribution of solid particles at different locations in a protoplanetary disk, resulting in a variety of substructure over large and small scales. The focus of recent ALMA observations at high angular resolution has been to characterize the underlying substructure of these disks, from dust continuum and gas tracer images with spatial resolution of a few to tens of astronomical units.

In this colloquium, I will discuss recent results related to observing these substructures at multiple wavelengths, studying the origin of spiral arms in a particular protoplanetary disk, and ongoing searches for the planets that may cause the observed substructure.

**Monday, April 26th**

3:30 - 4:30 p.m.

See website for Zoom details

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