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■ Title

High Resolution Observations of Protoplanetary Disk Structures as a Pathway towards Understanding Planet Formation Processes

■ Summary

Understanding the realistic structures of protoplanetary disks based on observations is essential in understanding planet formation processes. ALMA provides us with unique opportunity to probe disks down to a few AU scale. We aim to understand the physical structures of protoplanetary disks by using high resolution observations by ALMA, which will be interpreted in tandem with observations in other wavelengths such as near infrared. We also seek for possible connection between the observed structures and dynamical processes.