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Hints of planet formation signatures in a large-cavity disk studied in the AGE-PRO ALMA Large Program

Tuesday 14 January 2025 12:10 (20 minutes)

Detecting signatures of planet formation in protoplanetary disks is essential for understanding how and where planets form. In this talk, I will present dust and gas observations of the disk around 2MASS J16120668-301027, studied as part of the ALMA Large Program 'AGE-PRO: ALMA Survey of Gas Evolution in Protoplanetary Disks,' where several indicators of planet formation were recently identified in dust continuum emission and four molecular lines.

Presenter: SIERRA, Anibal

Session Classification: CB disc properties and planet formation