**Aa-P011** Time: June 6 17:00-18:30

## Millimeter Interferometric Observation of Jupiter

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Millimeter interferometric observations of Jupiter were made with Nobeyama Millimeter Array (NMA) at 88GHz and 100GHz on December 16 2000, and February 18 2001. Hi-resolution brightness temperature map of Jupiter was synthesized from the combined correlated radio signals. The map indicates banded structure corresponds to visible belt-zone structure. This temperature distribution corresponds to the tropospheric ammonia distribution. We developed an atmospheric model which includes cloud forming to estimate latitudinal and vertical ammonia distribution from the observation.