

Radio Interferometric Planet Search

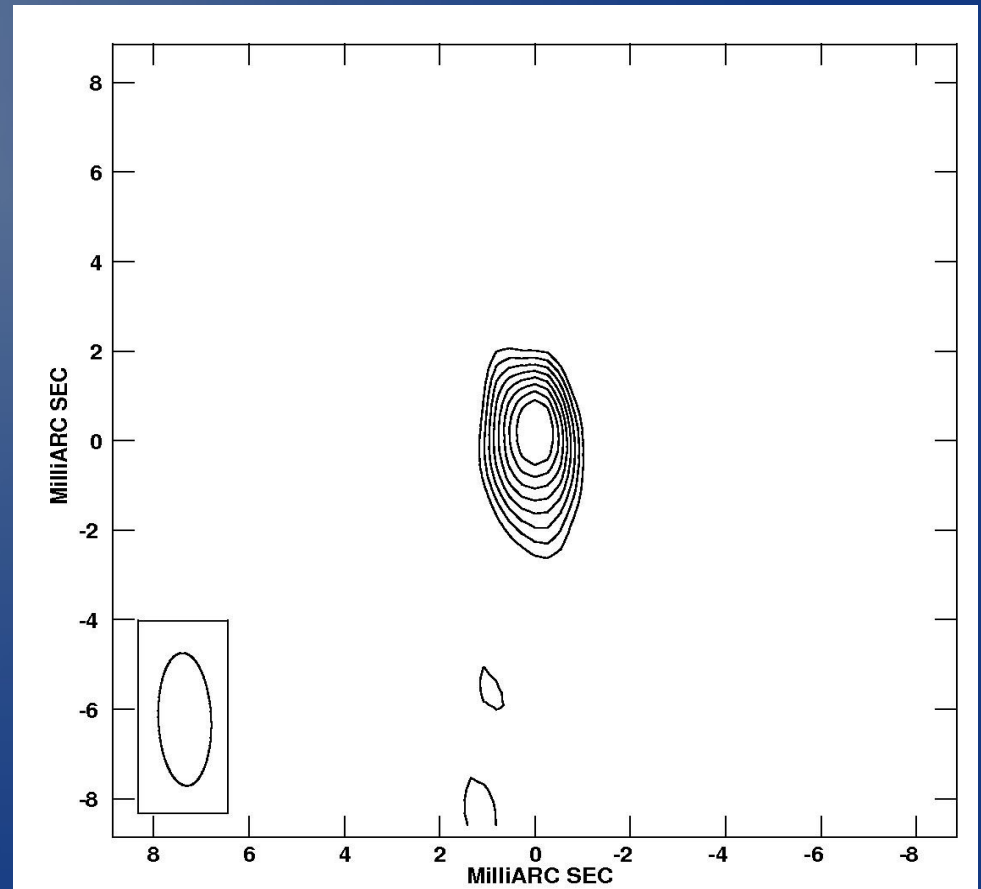
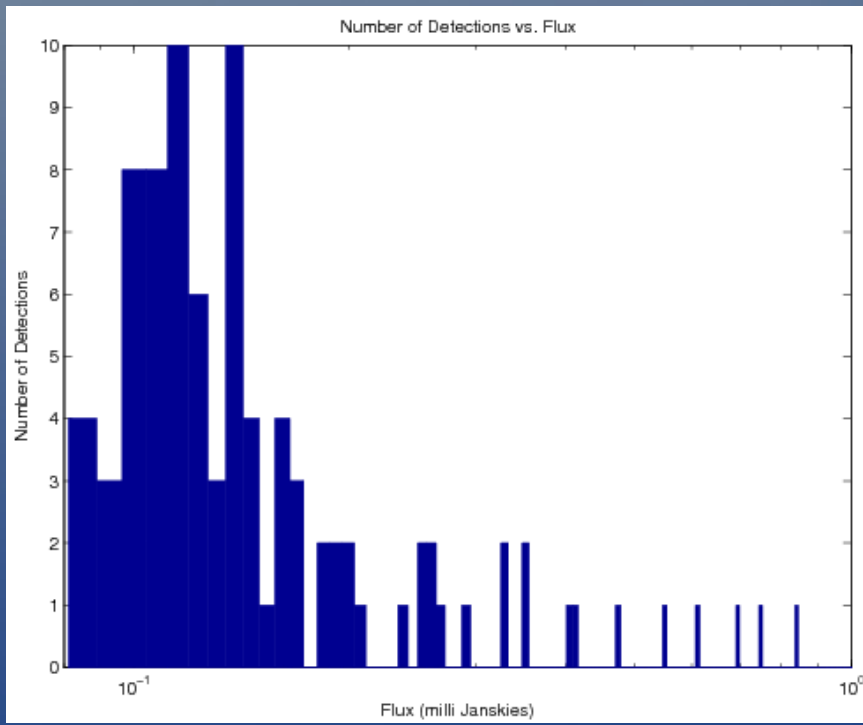
Preliminary Results

Vincent Viscomi

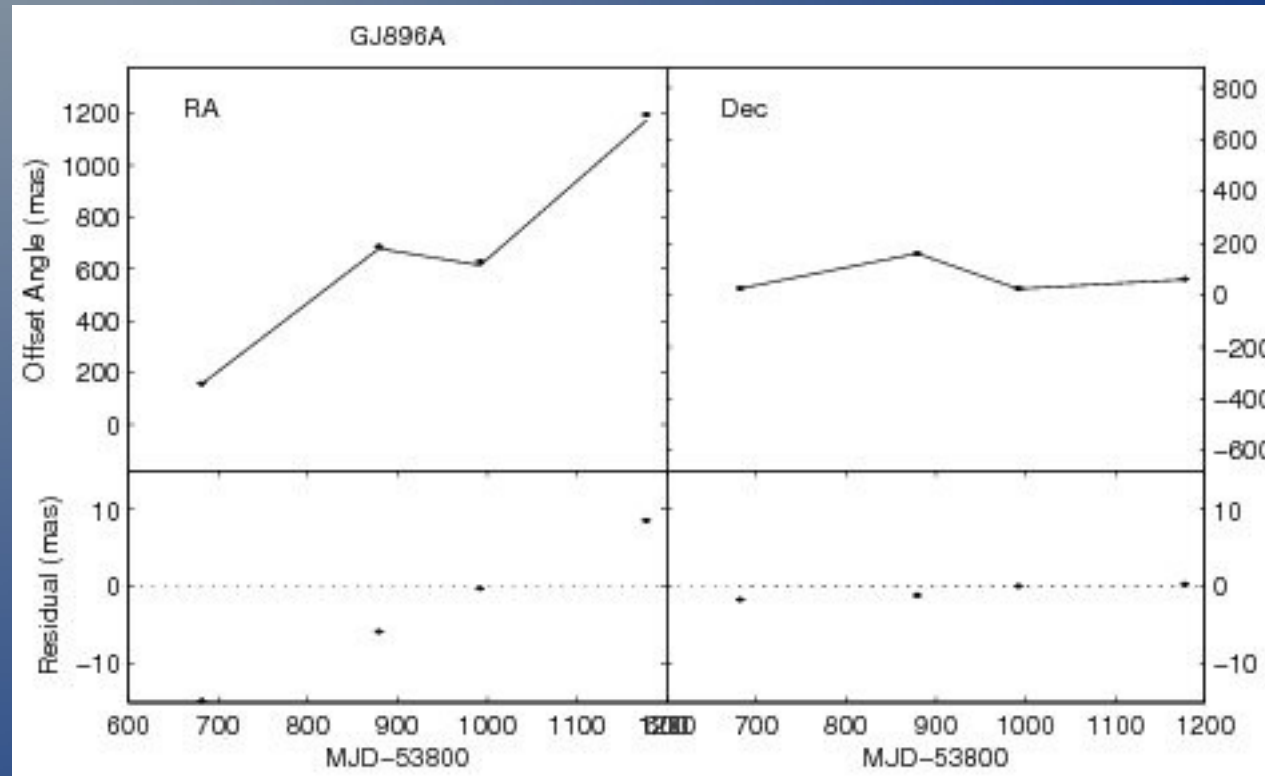
- 4 year survey of 29 low mass stars
- VLBA + Green Bank
- With $100 \mu\text{as}$ sensitivity, we can detect sub-Jovian mass planets at 1 AU
- Low mass, active stars cannot be studied efficiently through other means
- Completed 18 months of observations using standard VLBA analysis pipeline

On the Poster:

- Summary of detection rates
- Many individual images of stars
- Sequential Images of stars



- Examples of plots of stars' observed motion compared to the expected motion based on proper motion and parallax.



Also see PI Geoff Bower's talk at 2:30 pm!