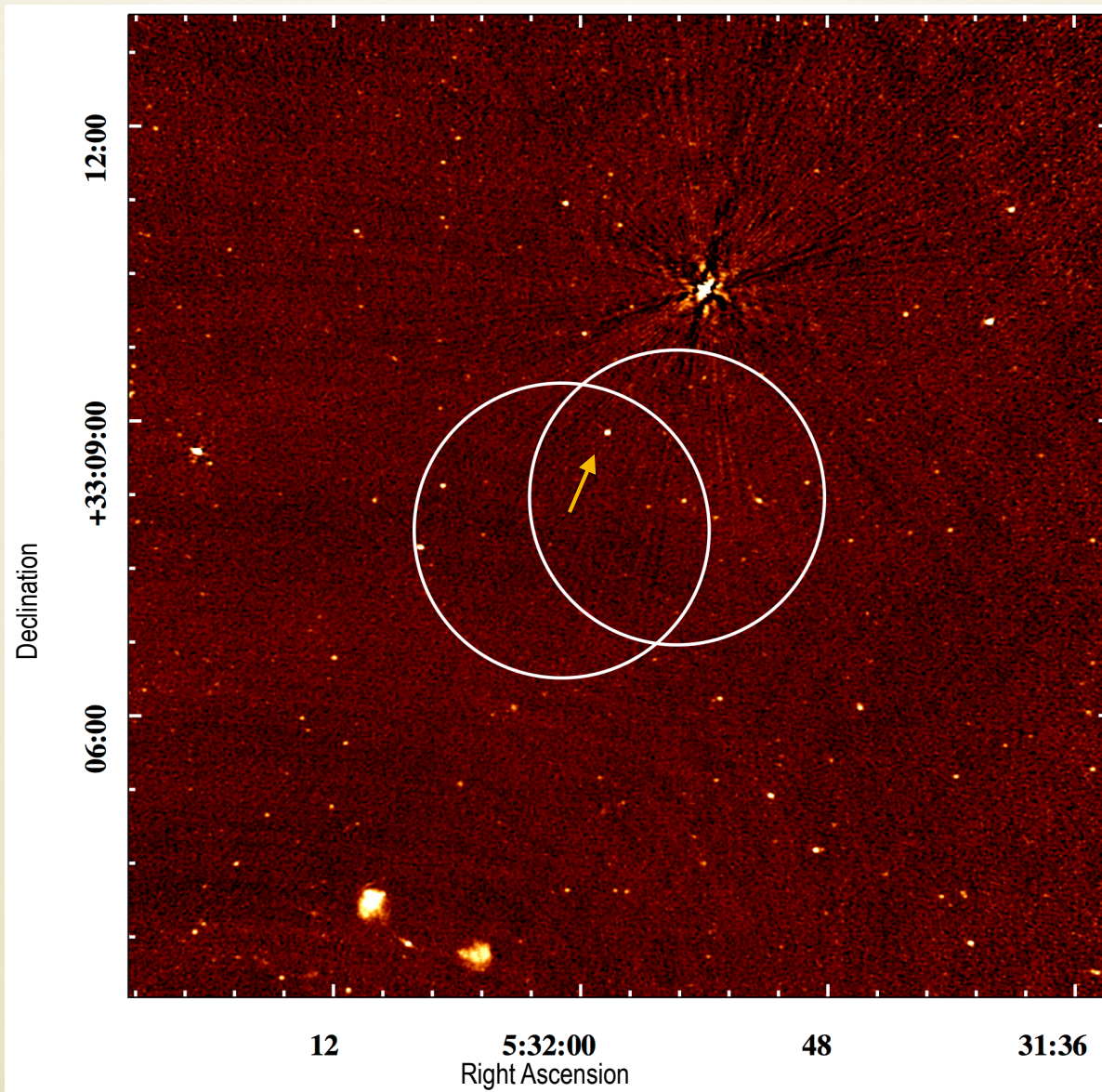


$z \sim 0.192$   
 $D \sim 700 \text{ Mpc}$

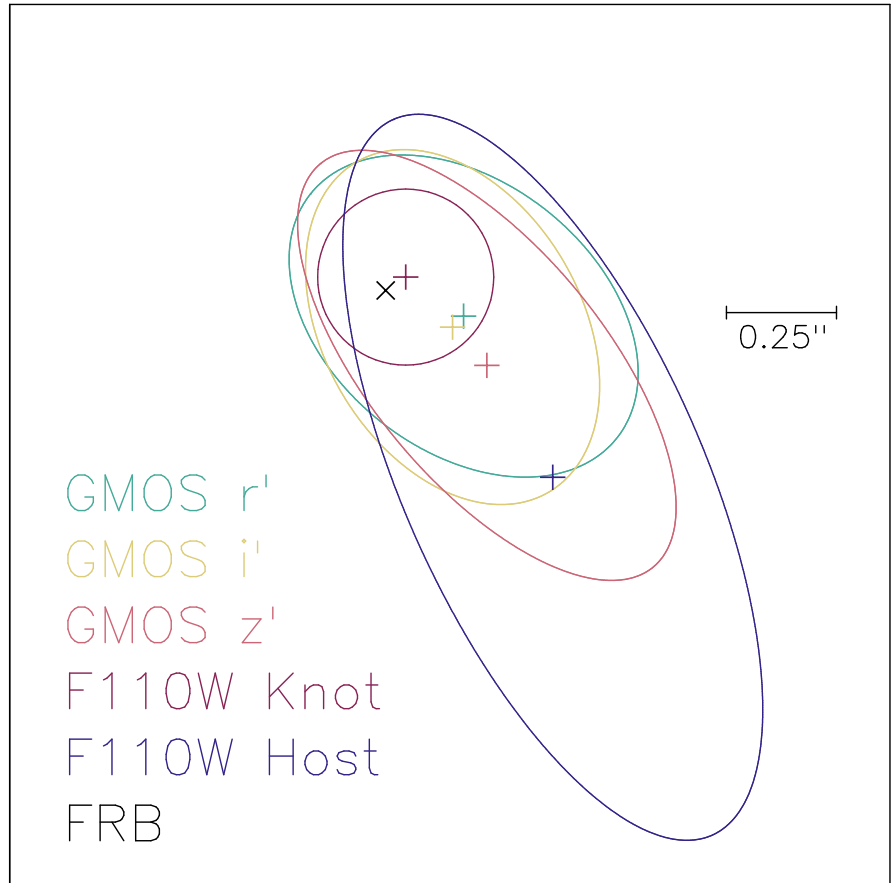
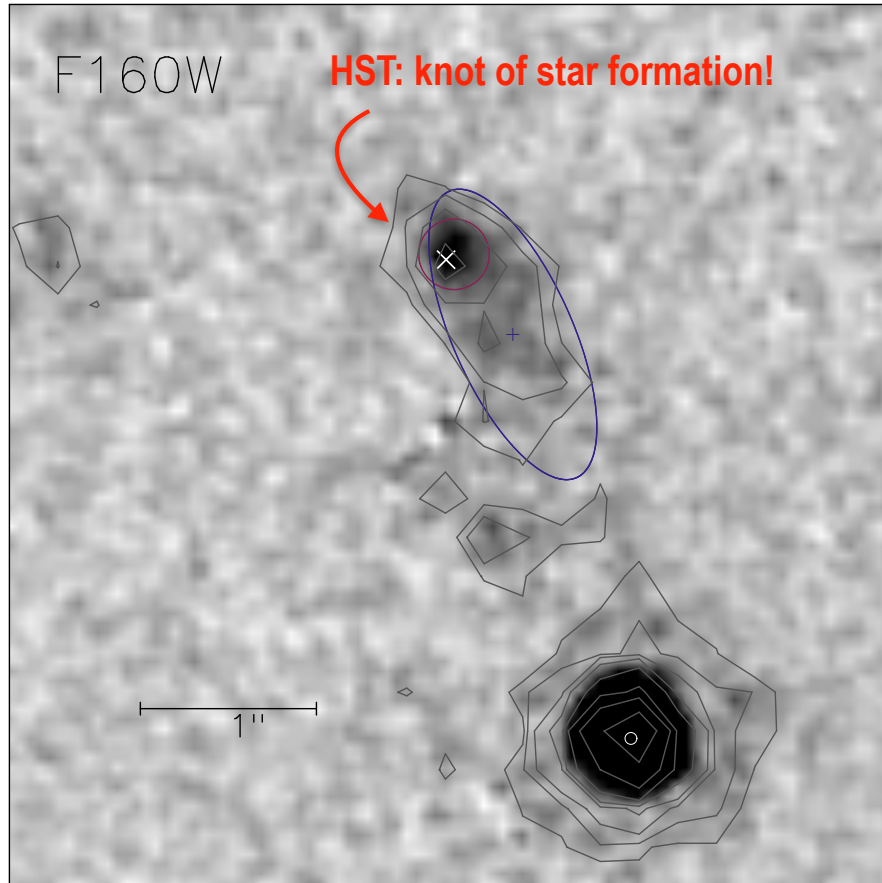
*Credit: Gemini Observatory/AURA/NSF/NRC*

Chatterjee et al. (2017); Tendulkar et al. (2017)

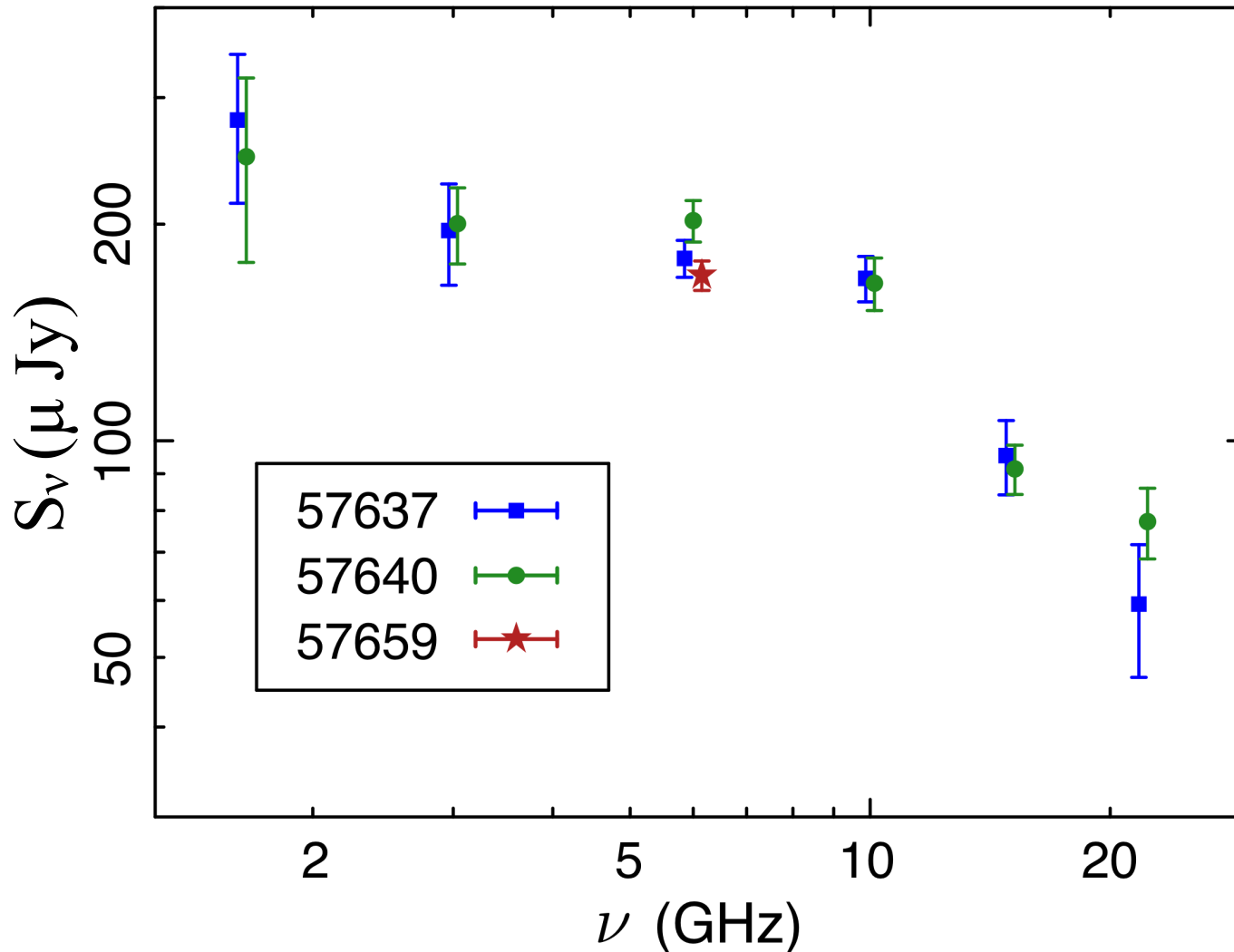
# “Persistent radio source”



# Information from optical

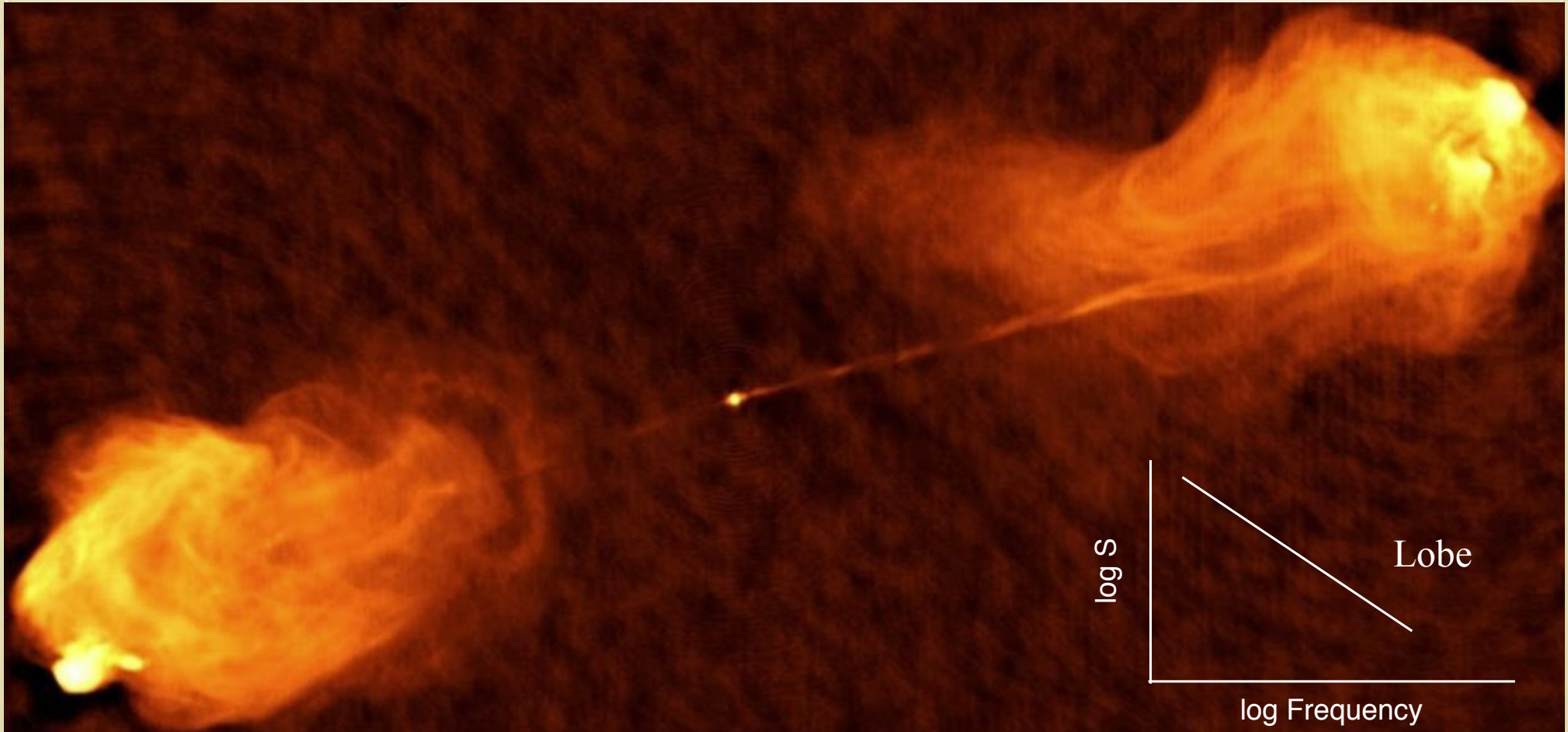


# Your job



- Explore a radio image.
- Fit and discuss the spectral shape.
- Derive equipartition assuming synchrotron emission.

Let ERA 5.4.3 help you find your way!



Wave your hands (within reason) and don't sweat the small stuff.

- **GET STARTED EARLY!**

- Make sure CASA or DS9 works, somewhere.
- I will not take installation complaints after April 4!
- Make sure you can follow the Cyg A analysis.