

Short term goals

- Multi-image fitting:
 - Keep debugging, fix centroid and contrast issues seen in first run
 - Calibration: different for each image or choose one source (with same filters and dithers)?
- Contrast Curves
 - Scramble and fit
 - Monte-Carlo grid with BF and/or frequentist statistic

Long term projects

- (current project) NICMOS nearby BDs
 - Large scale analysis of NICMOS imaging, including targets from Dupuy et al. (2017) used for dynamical masses
- ACS/HRC imaging of young star forming regions (Taurus and Upper Sco.)
 - Add noise suppression methods from Ireland (2013): bad pixel, better calibration?
 - Similar large scale analysis to above
- Under-sampled cameras: WFC3 and *JWST*