1. Reduction
2. Build dither file
   1. Must be done on desktop because uses source extractor
   2. Must do this for all fields and the calibration star
   3. Build a list of guider frame images
      1. Update path to guide files
      2. **run:** python guider\_timeList.py
   4. Match guide frames with science frames
      1. Inside the directory for observing run (VP\_Data\_APR)
      2. Update guider and science path and object lists in match\_guiderFrame\_new.py
      3. **run:** python match\_guiderFrame\_new.py
   5. Inside the data folder for each field run the following to source extract and build the dither file
      1. edit forsex.py to have the right coordinates of a guide star in the guide frames
      2. coordinates are stored in a txt file called forsex\_corrdinates.txt
      3. **run:**  python ../../../forsex.py
      4. **run:** ../../../run\_seStuff.sh
   6. Move dither files into their respective folders on laptop
      1. scp bindahl@grad14bi.as.utexas.edu:/Users/bindahl/Documents/Observing/….. ./
3. Build sensitivity function
   1. On laptop
   2. Update fluxcalib.py to have the right ID or fill in information for a new ID. This information should be for the standard star files
   3. Make sure the standard star spectrum is in the standard star data folder
   4. Inside the standard star data folder (VP\_mar16/data/Feige\_34):
      1. **run:**  python fluxcalib.py
4. Flux calibrate the data