1. Machine-Learning methods for shear estimation. What to do without “ground truth”?
2. Likelihood. Wide or narrow peak?
3. Prior estimation
   1. Estimating prior from dataset. Kernel estimators?
   2. Are all 3D galaxy orientations equiprobable?
   3. **Ellipticity priors depend on celestial coordinates and dark matter distribution.**
4. Bias. Assuming zero-prior - ?
5. PSF
   1. Non-parametric PSF - ?
6. Galaxy intensity profiles
   1. Non-parametric profiles - ?
   2. Intensity profile Fourier transform for Sersic index != 3.
7. Aliasing, windowing and sampling. Are their effects considerable?
8. MDM – star and galaxy in the same position?
9. GREAT12?