

Welcome

N. Regnault, for the LOC & PCWG



Welcome to Paris !



- 4th LSST / DESC calibration meeting
- 4 days
 - *Day 1:* ongoing Projects
 - *Day 2:* survey uniformity / cadence
 - *Day 3:* AuxTel (I) : atmosphere models, detector characterization & optimization, spectra extraction
 - *Day 4:* AuxTel (II) : wrap up and plans
- Organization
 - Living schedule
 - Lots of time for discussion, possibility of parallel sessions
 - Note takers wanted

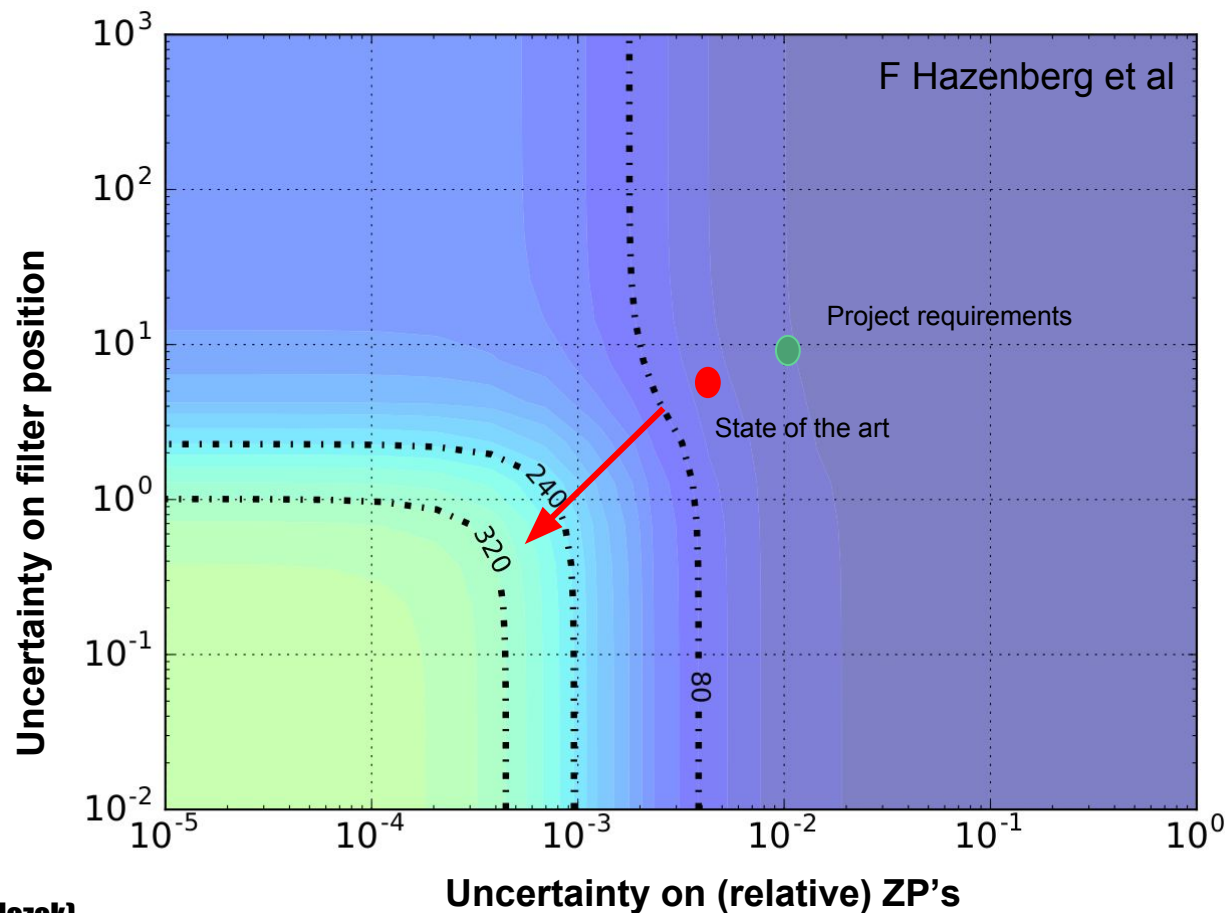
Since last workshop



- **SRD & PCWG work** have made clear
 - that DESC has strong calibration requirements, beyond project requirements). This includes flux scale, filters, survey Uniformity, atmosphere, Galactic extinction
 - That strong collaboration between DESC and Project scientists is needed
 - New LSST-DESC projects (GAIA, cadence, AuxTel)

Since last workshop

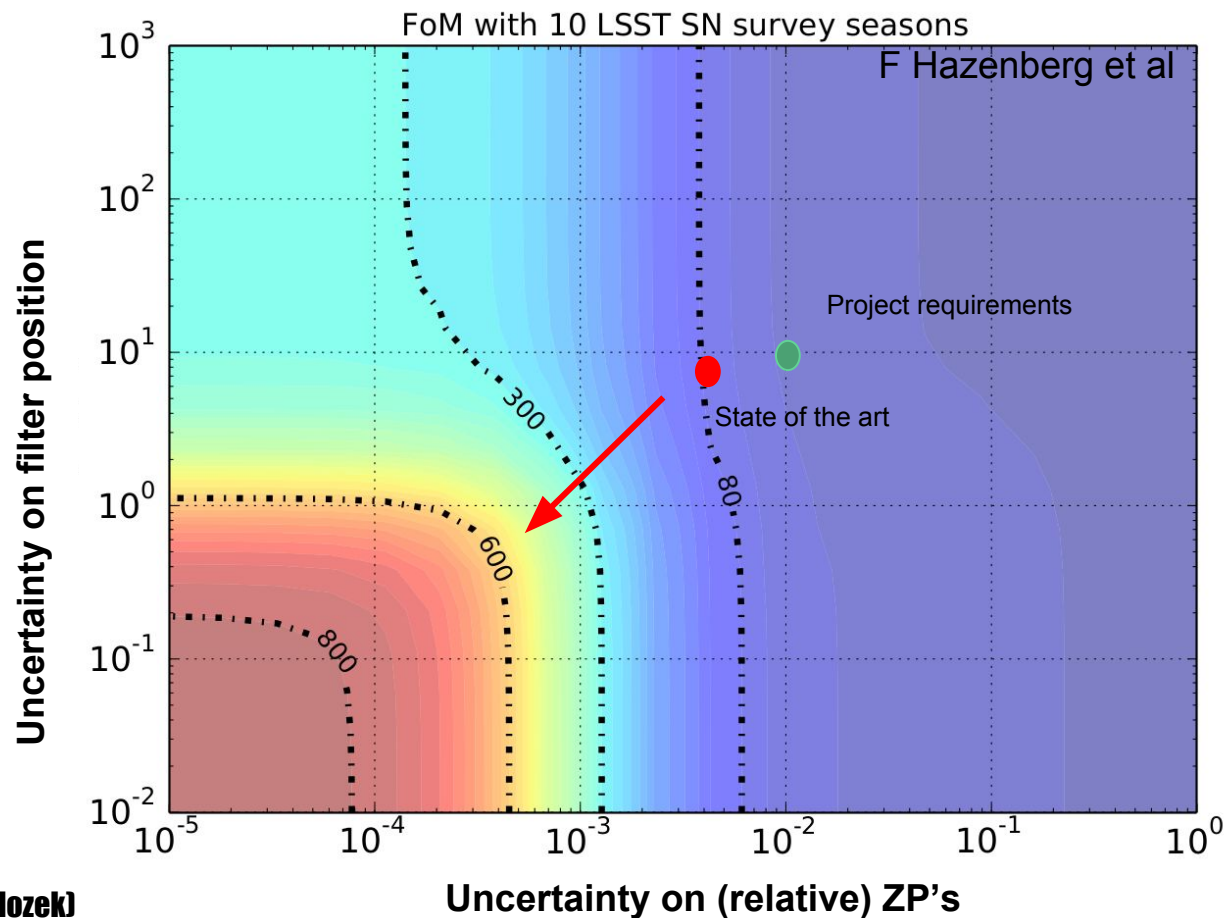
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(See also DESC SRD
(Mandelbaum, Scolnic, Hlozek)

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Ongoing Projects



- **Calibration requirements** (from a DESC perspective)

- SN cosmology

F. Hazenberg et al

- **Studies of the flux metrology chain**

- Characterization of primary flux references
- Survey uniformization
- GAIA & LSST survey uniformity

Stubbs, Lupton et al, Betoule,
Feinstein, Nuss, et al

Feinstein, Cohen-Tanugii, et al
Regnault, Gris et al

Rykoff, Feinstein et al

- **Real time atmospheric transmission**

- Comparison atmosphere models
- Atmosphere Mini data challenge
- R&D holographic grisms for the AuxTel
- Work on precursor data

Dagoret-Campagne, Gilmore

Dagoret-Campagne et al

Moniez, Le Guillou, Neveu,
Dagoret-Campagne

Stubbs, Lupton, Mondrik,
Guyonnet, Fisher-Levine,
Neveu, Moniez

- **Galactic extinction**

E. Rykoff et al

DESC seminar



- On **Wednesday October 10th**
- **LSST-DESC calibration workshop summary / highlights**
 - Good opportunity
 - To explain DESC/PCWG goals & work program
 - To get feedback from DESC & other working groups
 - To advertise AuxTel effort
- Let's build slides as we go

Workshop dinner

- Wednesday Oct 3rd, 8pm
- La bouteille d'Or, 9 quai de Montebello

