Welcome,
Goals of this workshop
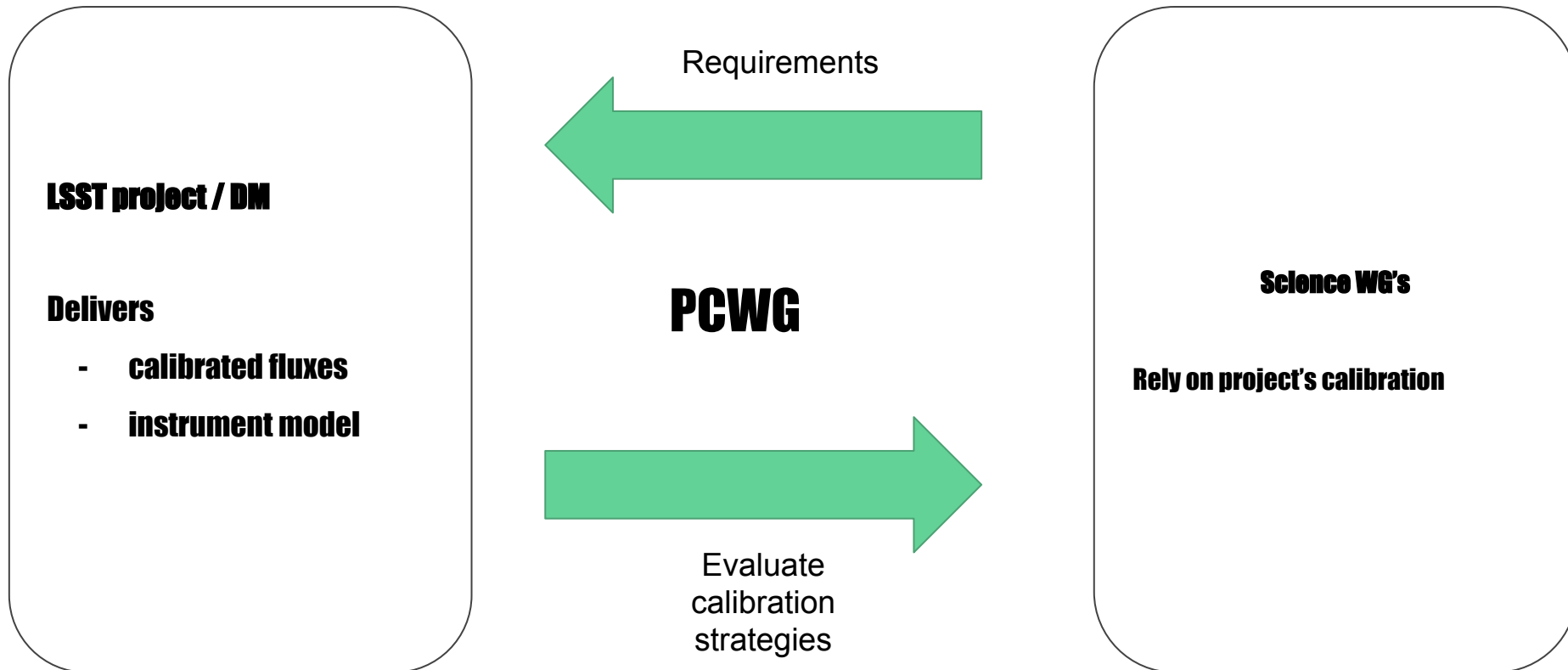
N. Regnault

Welcome to Paris !

- 3rd LSST / DESC calibration meeting, after
  - March 2016
  - Feb. 2017   meetings at Harvard (thanks Chris !)

- 3 days
  - Day 1 : overview of calibration plans, flux metrology
  - Day 2 : survey uniformity
  - Day 3 : modeling of atmospheric transmission

- Organization
  - Morning : overview talks
  - Afternoon : shorter talks / discussions
  - Note taker / chair : Sebastien (help him !)

PCWG

- Started its activities in 2016
- At the interface between science WG's and Project

LSST project / DM

Delivers

- calibrated fluxes

- instrument model

Requirements

PCWG

Evaluate
calibration
strategies

Science WG's

Rely on project's calibration

Ongoing Projects

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

  - SN cosmology

    F. Hazenberg et al

  - ...

- **Studies of the flux metrology chain**

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

  - Characterization of primary flux references

  - Survey uniformization

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

- **Real time atmospheric transmission**

  - Comparison atmosphere models

    Rykoff et al
    Dagoret-Campagne, Moniez, Gilmore et al
    Stubbs, Lupton, Fisher-Levine et al

  - R&D holographic grisms for the AuxTel

  - Work on precursor data

- **Galactic extinction**

    E. Rykoff et al

(Relative) flux scale accuracy

(From a SN cosmologist's point of view)

(F. Hazenberg, PCWG)
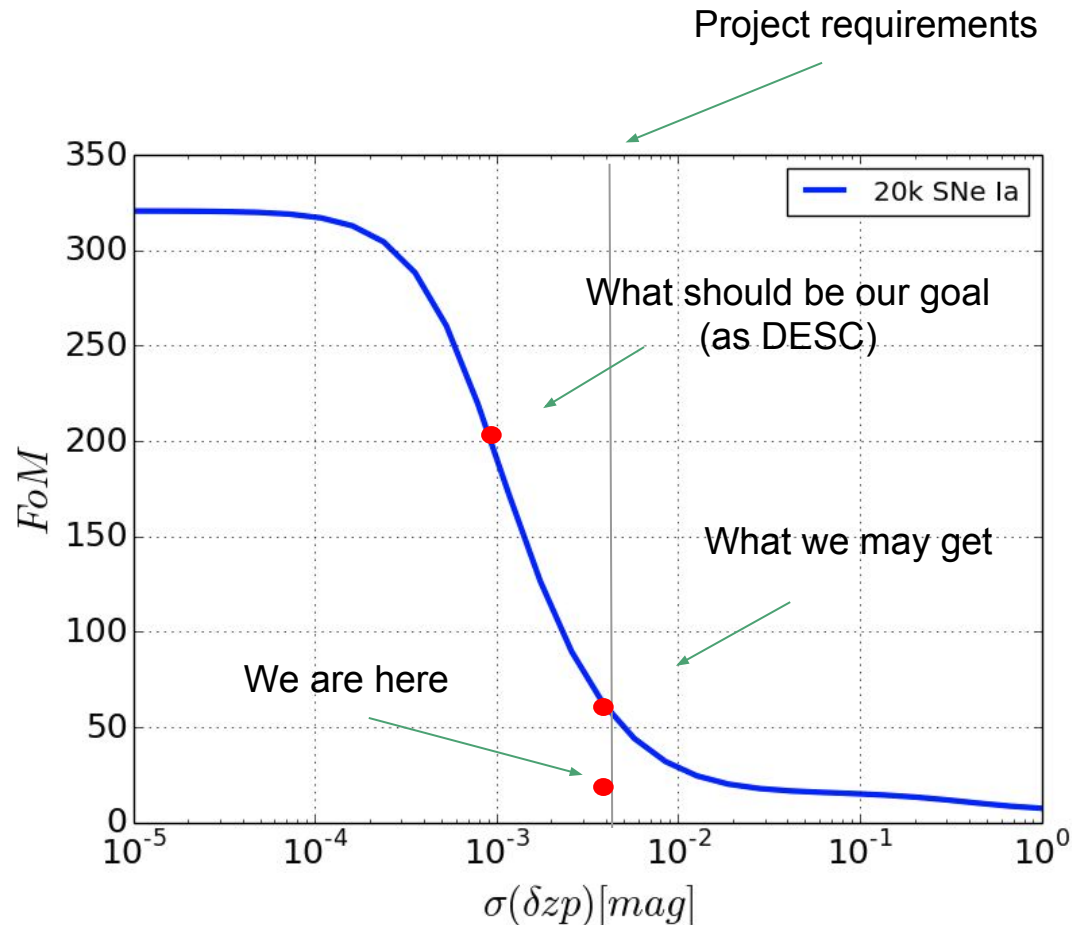
Accuracy of filter cutoff positions

From a SN cosmologist's point of view

(F. Hazenberg, PCWG)
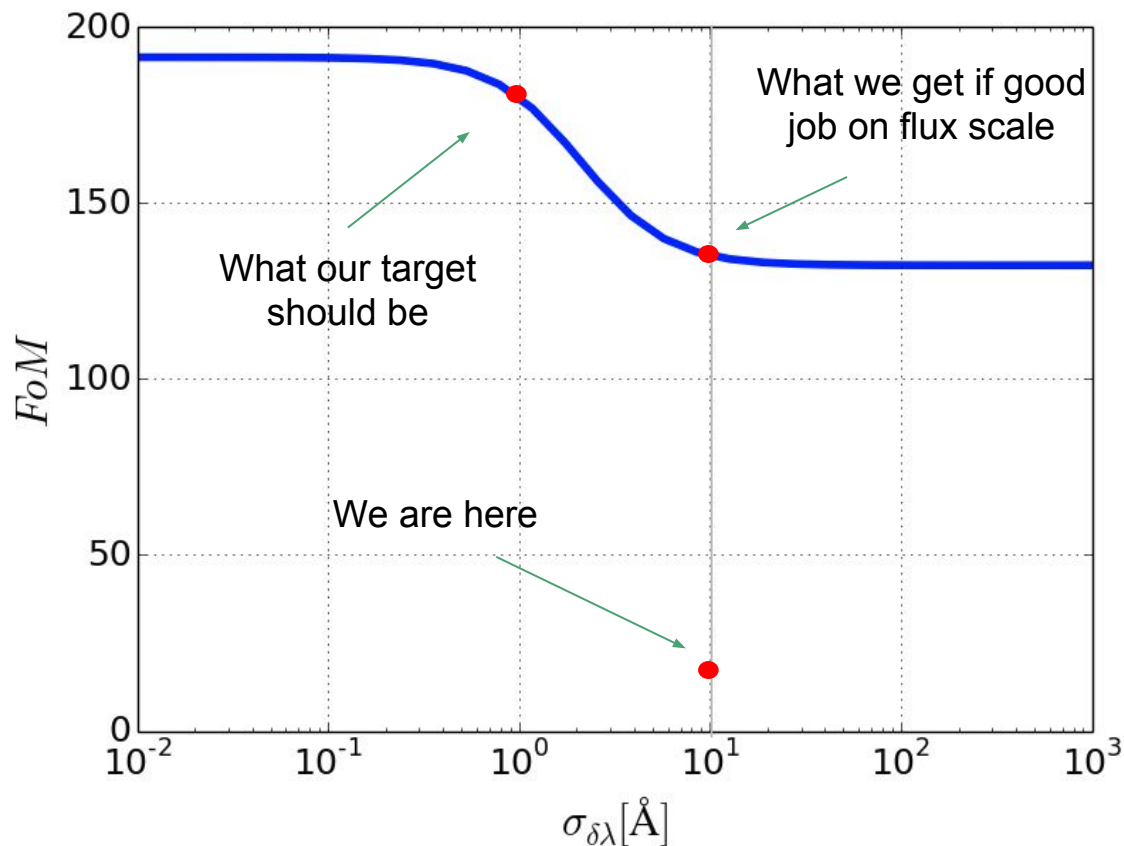
Goals of this workshop

- Discuss a strategy for DESC requirements that are beyond Project's requirements,

- Make sure that Project and DESC
  - speak the same language
  - share common goals,
  - work in good coordination (liaisons with Project & DM ?)

- Make sure that DESC / PCWG work
  - helps & complements Project work