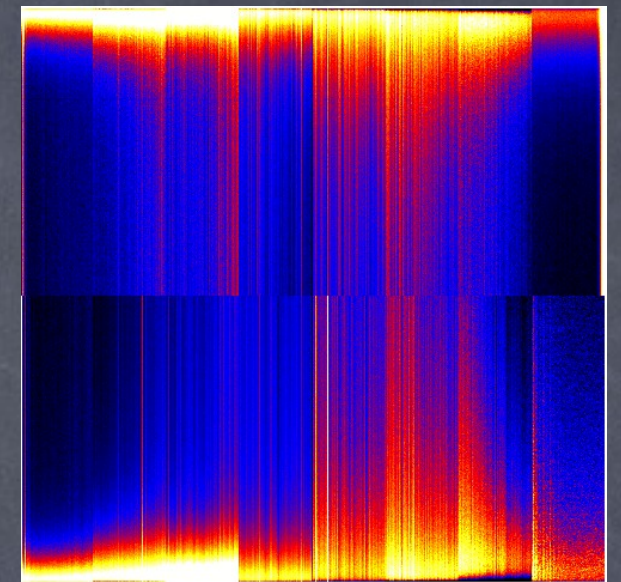
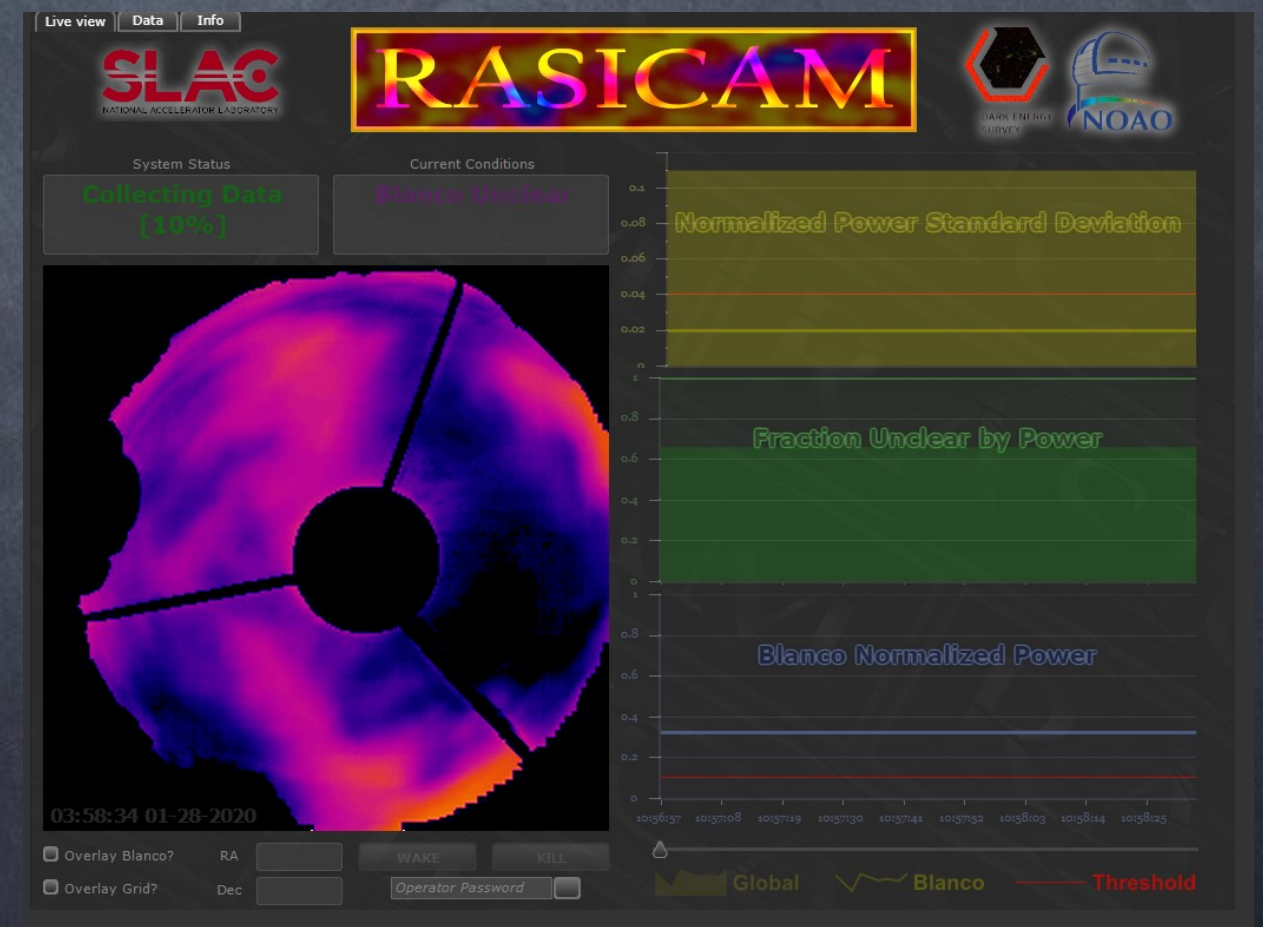
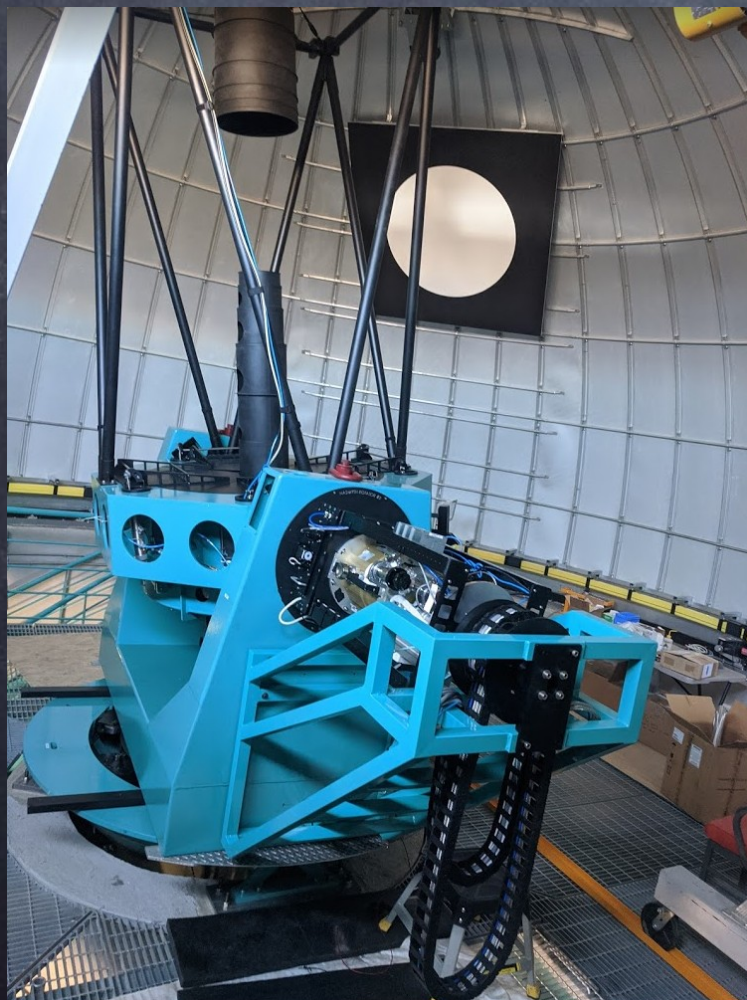




PCWG projects & AuxTel



Commissioning Coordination



PCWG Projects:

4 principal axes:

Flux calibration (StarDICE)

Field Uniformity / Using Gaia / FGCM

Filter and throughput measurements (CBP)

Atmospheric transmission

Strong interactions with SAWG

Strong interactions / ties with Project

As of today, main scientific ties with SN-WG ...

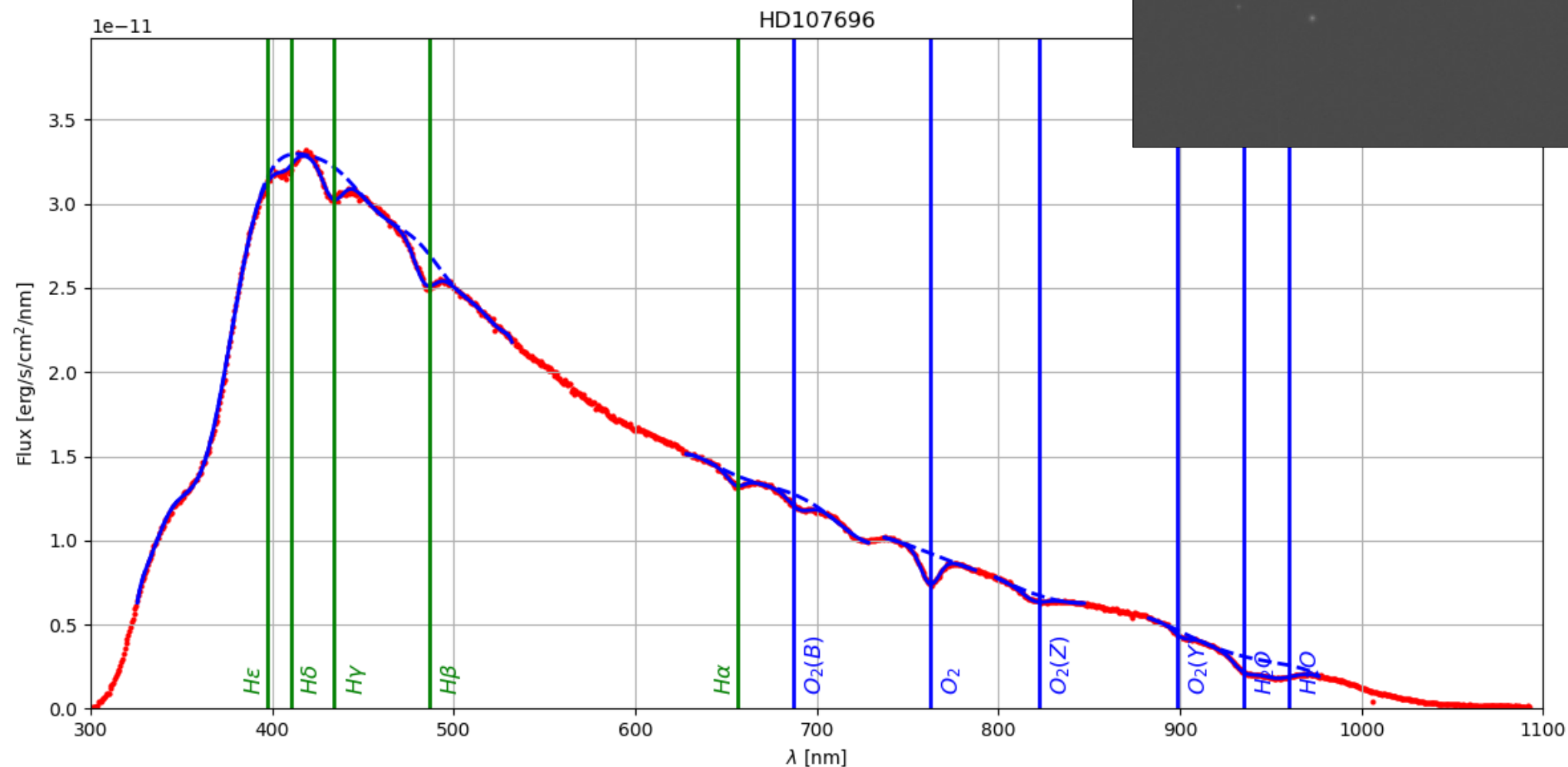
AuxTel commissioning:

For Project: LSST crash test

For DESC: path towards early science

Detector on sky

First results Project/DESC collaboration
(Jeremy & Merlin)



AuxTel commissioning:

For Project: AuxTel operations largely unfunded

Observing strategy is Project

Semi-remote observing

2 People on the summit at least

Training for operations *not* lightweight

For DESC: what we can do

Collaborate with R. Lupton on the Observing Strategy

Train few people to go observing

Put together an observing “*à la PESSTO*” ?

Money to hire on-site students ?

Can on-site observing count as in kind ?

AuxTel commissioning coordination:

There is a clear avenue for LSST-France to participate to AuxTel commissioning

Keep DESC analysis based approach

Making AuxTel work IS PROJECT RESPONSIBILITY

Observing strategy:

Easy to have an impact

Procedure via PCWG email/telecon is clear

Observing on site:

Holograms commissioning/testing

LSST detectors testing

LSST pipeline testing / closing the photometric loop

Atmospheric transmission measurements

Expensive. Needs coordination

AuxTel commissioning coordination in practice:

Spring observing already decided

Observing strategy:

Photometry to begin with

R.Lupton will produce a first draft soon

PCWG will refine it (telecons + emails)

Analysis goals should be clearly defined

Time scale: 2nd half of 2020 observings
i.e. Summer

Observing on site:

Holograms commissioning/testing plan proposal

Sensus of Volunteers

Total budget estimate

Need to account for non negligible logistic time overhead

Interested? Join PCWG and/or contact me

Coordinating with SAWG