

# A workshop with a purpose

Project and DESC  
Working together

# Project and DESC Working together

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N.Regnault



PCWG, a place where it happens !

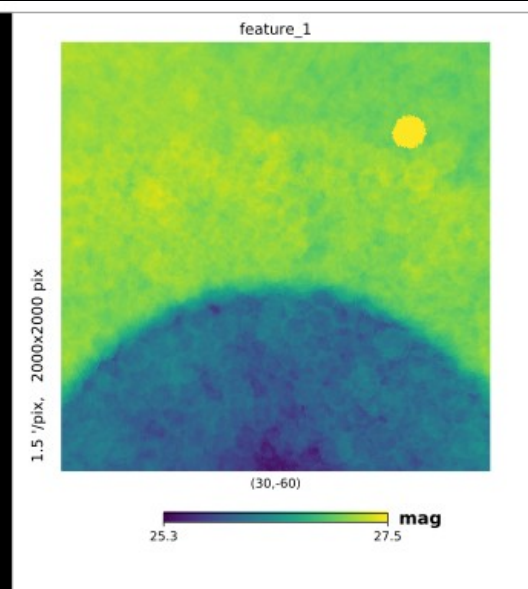
# PCWG: A place where it happens

## Cadence:

### Future Plans:

- Double check that all-sky re-tessellation is good for ubercal (it should be great)
- Schedule large areas rather than single visits
- More sophisticated DD cadence
- We (still) need a dither strategy for the DD fields
- We (still) need a strategy for dithering in camera rotator angle
- More sophisticated rolling cadence
- Adjust WFD area for summer/winter
- Galactic plane as part of WFD
- Try to enforce particular WFD cadence with a new basis function?
- Depth uniformity basis function?
- Special 1<sup>st</sup> year strategy to get templates
- I'd like to try new sky tessellations

Red = I think DESC could help a lot with that



PCWG is a very good framework for this collaboration

## Gaia & ubercal:

11:00	Survey Uniformity : lessons from DES, project plans	Eli Rykoff
	LPNHE	11:00 - 12:00
12:00	Survey Uniformity: ubercal, cadences and GAIA	Nicolas Regnault
	LPNHE	12:00 - 12:30
	Lunch	
13:00		
	LPNHE	12:30 - 14:00
14:00	Ubercal simulations, comparisons between minion and alternative schedule	Fabrice Feinstein
	LPNHE	14:00 - 14:30

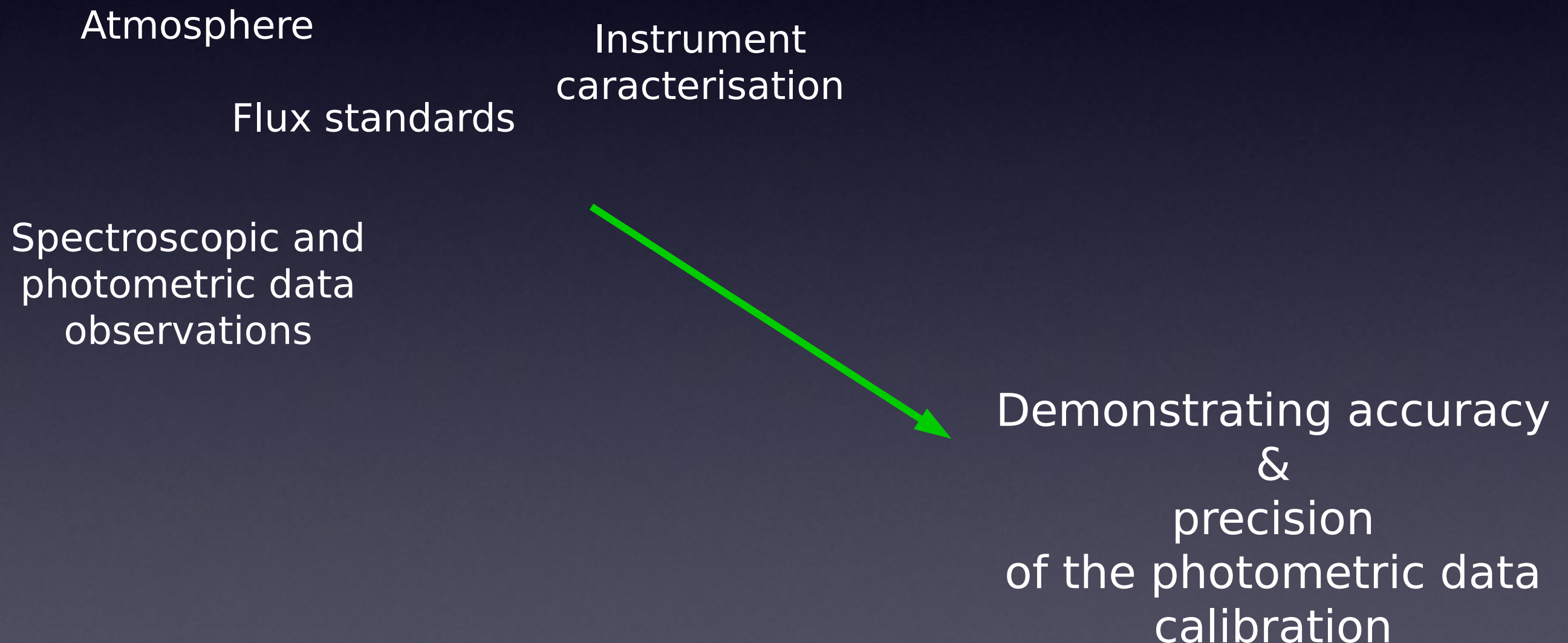


# Emergence of a specific Task: Closing the Photometric loop

*Close the photometric loop, using AuxTel, stardice and an imager: this is an important task that we can work on it jointly.*

*AuxTel as the first place where all the pieces are integrated together.*

## Putting all the pieces together:



# The pieces:

## CBP instrument characterization:

Merlin  
LPNHE + ?

Deliverable:  
demonstration of  
instrument Flat Fielding

## AuxTel obs:

DM  
LAL + ?

Deliverable: Running  
operations

## AuxTel data processing:

Merlin  
LAL + ?

Deliverable:  
photometric and  
spectroscopic data



## Atmosphere:

Augustin  
Stardice

Deliverable:  
- Data collection  
- Atmospheric model  
- Validation on data

## Putting it all together:

E.Ryckoff  
Stardice +

Deliverable:  
- *Forward Modeling*  
- Validation on data

# Putting it together

A joint  
coordination:



PCWG



Knowing who to talk to

Seb "Ze Frog"



Chris Stubbs



# Putting it together

A joint  
coordination:



PCWG



**Knowing who to talk to**

Seb "Ze Frog"

Chris Stubbs **DM**



**A common agenda:**  
Starting to deliver in 2019

**Meeting in person:**  
Next workshop in September