

We have a running joke:



Even our mascot is blurry

# Several projects going toward completion

## **Stardice Proof of Concept paper**

### **Cadence and survey uniformity:**

LSST übercal very solid (DESC note)

### **Modtran/Libradtran comparison**

Not a big difference but in O2  
Quantify the difference  
3 DESC notes

### **Atmospheric data challenge**

Dataset produced (DESC note)  
Analysis staffed

### **Holograms characterization**

Technology maturing  
Proof of Concept afoot

# AuxTel bonding effect I: detector characterization

**SWAG/PCWG/Project working together**

**Data taking/sharing is happening:**

Currently with a rsync hack

Shortly (today?) NCSA accounts for PCWG people

Within few weeks actual I/O through NCSA

**Clear working plan:**

Project sets the timeline

PTC/CTE measurements being measured

SWAG 4<sup>th</sup> dan



**TEAMWORK**

It gets shit done.

motifake.com

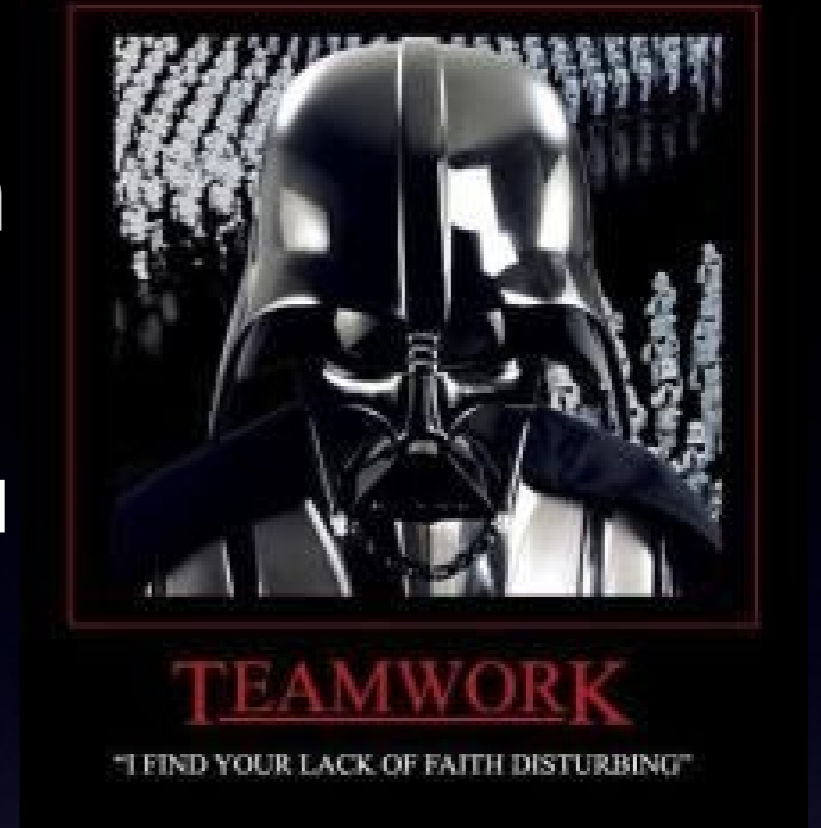


**See the google notes for more**

# AuxTel bonding effect II: Spectrograph characterization

## **Forward modeling approach**

General agreement on the extraction method  
DESC/Project interface sharing for code dev.  
First dataset to get started soon to be taken



**More data taking needed but further down the road**

## **Many on-sky tests/characterization:**

Will need to plan those tests  
And the data-taking  
But later down the road

**See the google notes for more**

# AuxTel bonding effect III: Atmosphere analysis

## **Ancillary data & \*Tran assessment:**

MERRA2/GPS on fine grain scale  
SNfactory measurements vs prediction



## **TEAMWORK**

Teamwork is the ability to work as a group toward a common vision, even if said vision becomes extremely blurry.

More quotes @ [IMGQuotes.com](http://IMGQuotes.com)

## **Additional site instrumentation:**

Collaboration with LATMOS

## **From spectra to Atmospheric transmission:**

GEMINI data analysis in progress  
A large group of fine people



**See the google notes for more**

# AuxTel bonding effect IV: Photometric calibration

## **FGCM approach very robust:**

Currently dominating features  
are in Gaia

## **AuxTel observation strategy:**

Project responsibility: Augustin  
Sensible approach with DESC

## **CBP crucial, need for discussion:**

Plan towards Proof of Concept  
Stubsontron vs Patrickotron

**See the google notes for more**



## TEAMWORK

DON'T KNOW WHAT'S GOING ON?  
KEEP CALM. NOBODY ELSE KNOWS WHAT THEY'RE DOING EITHER.

# Final words:

**When do we meet again ?**

February 2019 at SLAC

The week before DESC week ?

**Work groups active**

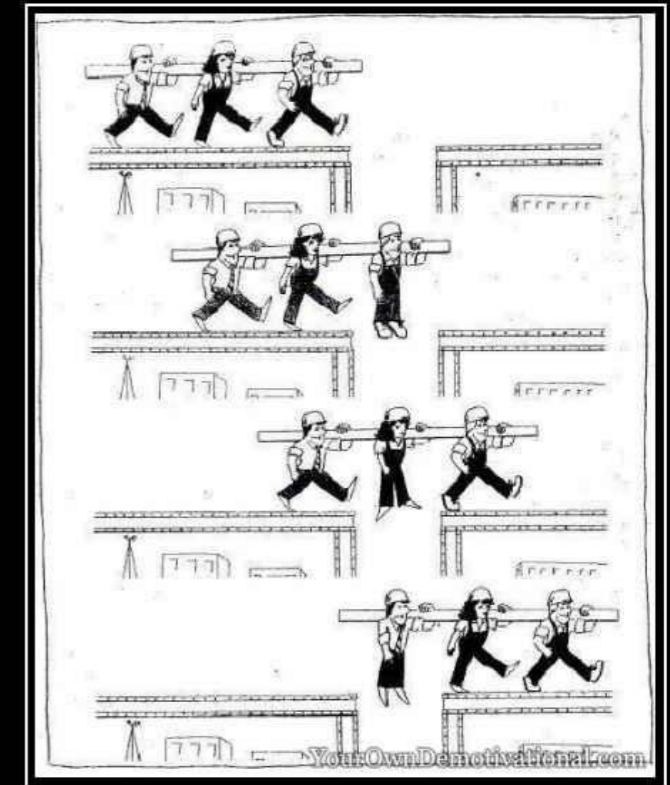
AuxTel DESC page(s)

PCWG telecon to report progress/ discuss issues

PCWG mailing list can be used for common threads

**If you have questions, issues,  
please don't refrain from talking to me.**

**DESC seminar on this workshop  
next week**



**teamwork**

always work

Thank you all for this excellent meeting!

