

2023-01-30 Calibration Products Meeting

- Attendees:
 - [Merlin Fisher-Levine](#)
 - [Eli Rykoff](#)
 - [Agnès Ferté](#)
 - [Robert Lupton](#)
 - [Christopher Waters](#)
 - [Andrés Alejandro Plazas Malagón](#) (asynchronously)
- Notes:
 - [Merlin Fisher-Levine](#)
 - Making plots on RubinTV from single frame processing.
 - Identified ISR problems from BestEffortIsr
 - Raw and Calibs were found inconsistently
 - No detector constraint was applied.
 - In review today (merge today?)
 - Permission error/middleware issue??
 - FAFF discussion with Patrick
 - Convert report to "is implemented" instead of "should be implemented as"
 - Prompt Processing discussion with Ian.
 - Spectractor updates to persist smaller datasets.
 - New observing run this week (Tuesday).
 - Plots discussion with Eric.
 - Next step is to add spectrum extraction into RubinTV.
 - Startracker wasn't a planned commissioning task.
 - Generic QA, Dan FFT?
 - [Agnès Ferté](#)
 - New ISR Task rework continues.
 - Lateral E-field and tree-ring
 - DM-37723.
 - DMTN
 - [Christopher Waters](#)
 - Crosstalk needs to be implemented.
 - Parallel overscan to merge?
 - Should be in next weekly.
 - Ideally, add a functional form to remove features.
 - PCA bias subtraction implementation?
 - What is the benefit of the new sequencer file?
 - cp_testing framework for Protocol B.
 - Auxtel photodiode.
 - Ask about getting more consistent cp_verify.
 - Summit database/FAFF question. Not ready yet.
 - Postgres database. Consider a database.
 - Tony Johnson will probably manage this.
 - Parallel CTI issues?
 - [Eli Rykoff](#)
 - External constraints.
 - Compensated filter code – "Not as easy as I thought."
 - PSF size change is too fast (in position) to handle
 - Large size contains the majority of the flux.
 - Aperture map to scale the size from one measurement radius
 - This is part of the Calibration Refactor
 - Bootstrap calibration model that doesn't need a background model.
 - Part of the global calibration
 - Something that is insensitive to the background level.
 - Problems:
 - Focal plane edge issues (size turn up at the edge)
 - Full focal plane gradient significant on the per-detector level.
 - High frequency waves due to atmospheric effects.
 - [Robert Lupton](#)
 - Database added.
 - Spectroscopic data in early data releases.
 - Are these going to be included in the FGCM calibrations?
 - Is this a future goal that isn't part of the first data release?
 - [Andrés Alejandro Plazas Malagón](#)
 - cp_verify linearity: DM-30174
 - Enable defects task to use combined files, like before
 - Jim Chiang filed a ticket: [DM-37684](#)
 - Discussion about tree rings in DM with Eli, Chris, Agnès