

AP Pipeline Meeting, 2020-03-02

BlueJeans: <https://bluejeans.com/426716450>

attending:

- [Eric Bellm](#)
- [Unknown User \(cmorrison\)](#)
- [Ian Sullivan](#)
- [John Swinbank](#)
- [Krzysztof Findeisen](#)
- [Meredith Rawls](#)

Topics for discussion:

- Gen 3 conversion (

type	key	summary	assignee	reporter	priority	status	resolution	created	updated	due
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- Ian has reviewed ip_diffim changes, has some changes for Gabor
- Precursor processing ([Meredith Rawls](#)):
 - February HiTS rerun went through without any major changes
 - plots still in review to Sophie
 - HSC COSMOS—still sorting out pointings, visits, etc.
 - thinks may need to ping Yusra for 30 minutes of questions ~tomorrow
- report from NCSA ([Unknown User \(emorganson\)](#) et al):
 - mainly working on AuxTel
- ap_association/SDM/fakes ([Unknown User \(cmorrison\)](#)):
 - showing results of injecting fakes into coadds and calexp—calexp-injected fakes come through, but coadds have large chunks missing
 - not using latest templates—Meredith will point Chris to latest version on disk, others have
 - Eric theorizes the coadd PSFs are garbage in those locations
- DCR ([Ian Sullivan](#)):
 - new bug--DM-23703. Chris to fix
 - analyzing crowded field sims for algorithms WS, comparing comparewarp and DCR coadds
 - Eric asks: how crowded? DMTN-077
- Image differencing ([Unknown User \(gkovacs\)](#)):
 - last week on decorrelation afterburner: worrying about applying the correction to the variance plane in image space. operation in fourier space should whiten the noise to RSS of input errors. doesn't expect to finish with all unit tests etc. by end of the week but we can run more data through on a dev branch
 - JDS pinging RHL for meeting
- Algorithms Workshop prep ([Eric Bellm](#)):
 - we are two weeks away
 - [Algorithms Workshop: Diffim Plenary Outline](#)
 - major tasks:
 - diffim improvements: Gabor on fixing afterburner, maybe chasing kernel issues
 - DCR: Ian to present, in current agenda.
 - HSC Cosmos
 - update HiTS census
 - scanning infrastructure
 - Eric crashed out on alerts, needs to work on the talk itself.
 - fakes
- Review CI (<https://chronograf-demo.lsst.codes/>):
 - speedup on about 2/29—we are theorizing this is a hardware improvement,
- AOB
 - Gabor asked about diffim breakout at Alg. Workshop with Wood-Vasey et al. Eric thinks this is a great idea but can be organized at the time.