WURM, 21-05-2019, 14.00

present Mark, Aard, Des, eBob, Arpad

Mark: last week Ger fixed bug in casacore that made produced fits problematic for CASA. Michael and Ciriacco are looking into spectral line stuff, using a VLBA data set. No doubt issues will follow from that. Need to start work on requirements list, and last Cleo deliverable.

Aard: Alexander visited last week, detected Faraday conversion, found it was a calibration error. Done eVLBI twice in the last week, many SFXC crashes. Or rather, MPI layer is dying. Only difference is using older nodes. Mark: cluster in messy state, some nodes without 10G, missing cables?, different OS. ***Arpad will set up meeting with Paul. Sometimes up to 10 minutes no data while correlator is running. Maybe related to packet loss inside cluster. Need to discuss this. Jupyter CASA: can now run casa 6 tasks, still problems, but kernel is ok. Mark and Arpad: not worth it spending too much time on this, CASA 6 will still change a lot. Found some weird results with tsys.py, factor of 2. Might have to do with mixed BW

Des: fixed bug that eBob reported on, not yet rolled out because of e going on. Feedback from Michael, number iterations in new version has decreased, good. Looking at DDT estimate of dispersive terms, kind of working in Python. Has to write abstract for ADASS. C++ implementation of multi-band fitting. Switch needed for dispersive on/off. Next week, merge 3 branches into master.

eBob: Northstart now has 5 eMerlin stations instead of 1. Setup script for pySCHED kind of done, not sure where catalogs should be. Probably best to pull them at configuration time, maybe automatic check for changed catalogs? Separate git rep for catalogs?