ZWURM, 29-11-2021 13:00 ZWURM; back to WfH (COVID-19 wk90)

Present BobE, Aard, Des, Mark, Paul, Ilse, Marjolein

Plenary announcements: thanks to Martin & Paul for a well-planned and executed complicated project of the reinforcement of the correlator room floor! Project news: ORP-PILOT deliverable about initial requirements analysis of new Proposal Submission Tool distributed (for comments), no JIVE involvement only TACs have been asked so far; this week Telescope Directors Forum joint OPTICON/RadioNet meeting; deadline expression-of-interest for topics for INFRATECH proposal spring 2022 tomorrow.

Ilse: spectral line notebook flagging discussion: more (new!) staff involved = better discussion. N14C3 in AIPS: manual ok, script not yet (data disappears), finding reason. EHT ombudspanel avoidable issue was not avoided because of suboptimal communication but took lot of time; preparing for EHT winter meeting, making sure ombudspanel is visible; former BHCam project discussed INFRATECH too. CASA VLBI paper AIPS cal preparation. DARA school: requested to be on panel 2x half hour, answering questions.

Aard: after corr room rebuild operators could not correlate from Mk5 – "-p 8888" option to mk5read disappeared from controlmk5.py [see BobE update later]. SURFconext auth: ASTRON not in WAYF page (on test env), created eduID, then login to JupyterHub succeeded [Marjolein: should likely work in test env too, check w/ SURF?]; submission of notebook to archive ongoing – ran into Python lib issues w/ token verification, mostly error messages too vague to find root cause easily.

Des: experimented w/ CASA wideband 2nd approach, works but (very) slow, shared with MichaelJ nonetheless for testing. Was requested to provide list-of-papers in which Tr participated; lot of manual work, scraping annual reports for project code(s). Working on CASA VLBI paper, DOI proposal for approval. [Mark: asked LOFAR long baseline people for CASA VLBI paper?]

BobE: pySCHED installation issue mail (MacOSX): installed FORTRAN compiler issue (could not find correct libs); fix: make fortran proper dependency (plus another module), conda environment now complete, README updated to prefer conda install over any other method. TOM plugin: gui element for EVN less easy than backend (no callbacks/hooks) and form rendered by TOM (allowing limited functionality) and Django does not easily support active pages. ccc_python code migration from SVN to git: some local mods missed (e.g. "-p 8888"). Question from BobC: which proposals used e-Merlin/Jb? Designed query to extract [Des+Marjolein: statistics gathering tool already does this, in Excel matter of selecting ...].

Paul: correlator room reinforcement done in half day (Mon morning), started to bring back equipment back online Tue, finished Wed; many pictures (AJDI forthcoming); upgraded HP switch O/S; damage: one microblade chassis PSU and one Mellanox SN2100 SSD issue after

patches, root FS r/o (turned out support contract was not extended correcly — now fixed); sfxc-k new fiberoptic cards, k1,3 issues, have new mellanox card; ran several network tests — pkt loss on serveral links, too many errors on wonky QSFP modules (many faulty yet, but price << 1/2 official), replaced, run more n/w tests tonight. Install 2nd OS/boot disk in casadev to allow upgrading the O/S w/o overwriting existexing known-good install. Who uses host "transfer"? [apparently no-one, was test machine installed by Wyb, will switch off & remove].  New archive machine on order, quote for 90-bay FlexBuff chassis, and we're running out of switch ports. 100 Gbps network change cancelled b/c of sneezing+running nose; hope to have SALF presentation done by Dec 3, and submit AVOM request before Dec 1.

Mark: European Data Provider forum last week, three full days, morning lectures, afternoon workshops, impressed by .FR viewer for ALMA archive, can do spectral line overplot on observations. Attended some ESCAPE meetings, worked on CASA VLBI paper, casacore > 256 antenna fix (implemented and tested). Expect to fix EVN VO service this week to have each target own product DID for joining w/ other radio-specific meta data. This week meeting w/ all ngEHT WG leads.