ZWURM, 10-08-2020 14:00 (WURM through Zoom because of #COVID19 house quarantaine/wk22)

Present eBob, Mark, Paul, Ilse, Harro

eBob: Second pySCHED support call through email — install failed. User had two flavours of Python installed (system default + own install) — install dev tools for system but not own install. User fixed by installing Ubuntu 18.04 and then it worked in one go [Mark: should we advise users to use anaconda? And have Python wheels for all platforms?]. Realized that log2vex does not have logic for splitting datastreams if > 2 Gbps, working on that now. Searched for tape backup software but not much available and also backup/restore may get more complicated and old tapes cannot be easily imported. Decided to investigate current tape unit and backup strategy (maybe a staging area?) to keep tape streaming.

Ilse: returned from holiday so lots of email. Picking up AOFlagger strategy for EVN pipeline but needs Aard. Preparing next steps for CASA VLBI workshop — RadioNet extra funding for hosting at the Borken (Lhee, Netherlands), now investigating if teachers can and will travel and which course(s) they want to teach. Need to enquire about particpants' travelling possibilities. Aiming for early September go/no go decision re. physical conference. Digesting last EAS recorded sessions, will write up recap for the EVN Newsletter. Working with OlgaB on spectral line pipeline.

Mark: worked on moving gaincurve logic that should be in casacore into casacore. Reviewer DirkPetry did convince to change time range to time point + interval (code reuse). Change was implemented, tested and merged this morning. Loose ends remaining: merging gain curve data if data sets are merged, correct export of gain curve data if mstransform is used [typically done after amplitude calibration but it would be bad form if incorrect calibration data would be exported to an mstransformed MS]. Now that services2 is online with more modern Python, better platform for new online fringeplots.

Paul: flexbuf9 upgrade last week turned up problematic: after netboot network link flapping — install/investigate took rest of day (flexbuff 7, 10, 11 not upgraded yet, will attempt this Wednesday). Now fixed — either by fiber cleaning or installed kernel does not exhibit problem of netboot kernel. Will not investigate further unless other installs show similar issue. The off-site backup machine "trantor" became unreachable over the weekend: airco failing in Westerbork HF cage, temp switch cut off power. Machine booted again by now but still unreachable — SURFnet PoP failed for other interesting reasons. Work on the shared 100 Gbps ASTRON/JIVE infrastructure: 40 Gbps optics sold as "100% compatible" are, in fact, very much not that. The reverse DNS issue is still pending; MikeS is busy restoring the ARTS cluster (more fallout from airco failing).