WURM, 27-11-2018, 11.00

present Mark, Harro, eBob, Paul, Ilse, Des, Aard, Arpad

Mark: read lots of documents of Cristina. JJ deadline end of this month, which was not known. Parseltongue and CASA requests. Keeping Cleo demo going

Harro: also read lots of documents of Cristina. Reviewed the ERC grant paper. Read an Aeneas doc. Was asked to be an external reviewer for an Aeneas deliverable, however has not seen the deliverable as yet. Made a singularity image of jplotter, which was used by Kazi, nothing worked. Environment has influence, had to clean up things. Docker works independently of environment. Support scientists tried to work with Giza, lots of crashes. Bad implementation of opening devices simultaneously. Fixed. Also another bug, and fonts memory management.

eBob: eVLBI + recording last week, operators had forgotten that 2 sec integration does not work with large bandwidth. System now has a warning. Hh and Mc had data loss during recording, which was found during re-correlation. 6% loss at start of scan. Investigate. Local forking for e-VLBI is done, need to install. Bob asked for a modification in log2vex, which seems to indicate he is using it.

Paul: out is in, in the rack. Flexbuff 12 will be fixed. CDR seems to be done. Also looking at Cristina docs. Grant Hamson (??) of CSIRO dropped by to talk about WR. Seems they may take over design of LFAA. Whoops. Some Trantor problems with root disks, replace with SSDs. Ordered tube, payment was a bit of a pain, hopefully get it this week. eMerlin from 3 to 5.5G, but there is still a 3G limiter somewhere. Working on speeding up Dw backend (RFNOC). Harro asks about ccs switchover, there was seemingly no time. Should really be done soon.

Ilse: also she looked at the Cristina docs. Much activity in EHT, lpublications, science release of data. CASA pipelined data now part of it as well. JJ WP2 report due this week. CASA User Committee report as well. Found some differences between CASA and AIPS in simulated data, need investigating. Working on JIVE outreach and strategy.

Des: RINGS telecon, dispersive ff in python is done, officially Astron should be implementing this but they will not. John would like Des to do this. Need to talk about it. Phase cal tones, tried with KVN data, but does not seem to work very well. According to Mark no tones in

KVN data. Ask Taehyun tomorrow! Ask for geo data. Moved convergence criterium from workshop to official branch, let Michael test. Multiple ref stations does not work properly, ok until calibration step. First talk to George about it. Made a max number of iterations switch.

Aard: looked for Wb fringes, nothing. 2 crashes of SFXC without any error message, worrying. Gabriele sent beam maps, K and M, L later. Working on paper, did literature search, found something about increasing number of spectral points which would give better SNR, by 10 to 15%. Investigate.