

WURM 20-04-2026 WURMng Marjolein's office

Plenary: collecting CBD/Council input: SWEEPS, gpu0, D4.5, sfxc vsn, new Casa w/ faster fringe fit; FB plan - no action yet.

Aard: e-VLBI this week, w/ new sfxc stable branch; pkt loss impact hopefully fixed b/c faster 16ch extractor backported. ATCA cplx data arrived, ops can start testing (in separate branch). Mixed bw in GPU corr, moved WOLA code to own module. Space Array meeting: Nijmegen/Radboud got funding for study for SA pathfinder, looking at C-band rcvr on Cubesat + laser ranging feasibility study.

Bob: working on CCS-gamma (Py3 branch): fixed Py3 issues, checked startup of programs for syntax check but no use cases tested so far; waiting for ssh key exchange issue to be resolved. POLARIS: changing link to Planobs/API, merged BenitoM edits; demo for suppsci re review/cycle, got other feedback (calibrator can have multiple purposes); proposal has "kind", but EVN wants to address this in cycle type (submit to specific cycle): justifications compiles tex, add upload from file; targets renamed to "source"; testing export/import: current vsn does not work: fixed typo in export, on import remove requirement on ORCID; added ROR in data model for institute; token refresh closes all modal windows: under investigation (refreshes every 5 min or so). Discuss w/ supp Sci what MVP requirements are? ZsoltP allegedly said: you suggest, we accept [Marjo: ?!?!?]; regarding security: separate dev/deploy setup, and observing cycle setup. Added etc/etd support in fb manager, now copying from NRAO; CSIRO complaint m5copy (push), try pull first. PySCHED updates transplanted (catalog entry T6, GMRT). Archive script on new EEE: db connection fail = no config file (note: per user!) + firewall rules (fixed).

Mark: ACME WP5 telecom last week: reporting needs to be done (virtual access for ACME WP4). AardK added Pulsar test, self added MPC test on nightly sfxc test suite. BenitoM put PolCvt back to me with only description "crashes on EEE2": better assign to Des, discuss @VLOPS. GPU corr data preprocessing ch extractor remapped code: samples now in ring buffers, integer delay fixed in read from buffer, send to dest directly from ringbuff (achieving 24-30 Gbps from fb. to one GPU). Multi-thread single-channel VDIF decoding working, likely also multi-thread multi-channel VDIF.

Wybren: Zabbix backups ok, need to test restore. Investigating Mattermost alternatives: fork w/ limits removed ("Mostly matter"); there are few but similar licensing, e.g. Zubin that has for now edu discount but for how long? Keycloak in production but also need separate deploy + test env. Added PostgreSQL monitoring in Zabbix.

Des: at Pretoria last week, see tripreport that was shared. Want to work on RADPS cal, got delegated some work from across the pond.