



Meeting page:

<http://evntog2017.venta.lv/>

Agenda

1. **Local Arrangements/Opening Remarks (NN)**
2. **Agenda**
3. **Minutes from last meeting**
 - AIs from last meeting
4. **Reports from the stations (all)**
 - Metsähovi (Kallunki) 10 min
 - Pico Veleta (Sanchez)
5. **Report from correlator**
 - Session 1/2016 (Alef)
 - Session 2/2016 (Alef)
 - Session 1/2017 (preliminary results) (Rottmann)
 - Changes in procedures/personnel (Rottmann)
6. **GMVA observations & operations**
 - News on setting-up and running observations (Bach, all)
 - Communication during observing? (Rottmann)
 - Changes in scheduling (Fringe tests, calibration runs, regular test runs)
 - repository for common GMVA tools?
7. **GMVA calibration - Discussion session**
 - necessary steps to improve the calibration quality
 - weather, TPI/TPICAL/CALTEMP, chopper wheel
 - antab file generation:
 - determine K/Jy conversion on e.g. bright planet (in gaps?)
 - gain curves, new gain curves for next session
 - opacity
 - plots of TSYS, weather, tau (e.g. Ef tsm plots)
 - calibration quality control at the correlator
 - store all files on Bologna server
 - additional topics
8. **ALMA and GMVA**
 - Overview of the current state
 - sampler stats and AC after each scan needed
 - calibration with full-band mode, ANTAB (DBBC2) (Bach, all)
9. **AOB:**
 - control and monitoring
 - Going to 4Gbps?
 - GMVA block schedule - comments?
 - Next meeting?
10. **closing remarks**

Presentations

J. Kallunki: [Station report Metsähovi](#)

S. Sanchez: [Station report Pico Veleta](#)

W. Alef: [Correlation report spring / fall 2016 \(presented from the correlation wiki pages\)](#)

H. Rottmann: [Preliminary Correlation Report \(Spring 2017\)](#)

Minutes

Action Items

1. **(Bach)** Compile and publish station pre-check list. open
2. **(All stations):** investigate possibility for front-end tone injection. partly open: yebe
3. **(Bach, Ef):** improve Effelsberg bandpass @3mm open
4. **(Himmwich, Bach, Rottmann):** Find solution for creating working FS procedures from vex when using PFB flexmode open
5. **(Alef, Rottmann):** Obtain and circulate information from Tuccari on additional requirements for running in `full_auto` mode. obsolete
6. **(Alef):** Arrange with GMVA scheduler for inclusion of calibration and fringe check blocks (prior to UT 16:00) done
7. **(Alef):** Arrange with GMVA scheduler for extension of scan length & gaps to 10 minutes. done
8. **(Rottmann, de Vicente):** Compile information from stations about software tools in use. Setup software repository. open
9. **(Krichbaum, stations):** increase preob time from 10s to 30s. open
10. **(Alef, Rottmann, Bach, Tuccari):** Investigate Tsys calculation for `full_auto` mode obsolete
11. **(On, Mh):** Measure gain curve before fall 2017 session. open
12. **(de Vicente):** Talk to J. Cernicharo about using ATM code for tau calculation done
13. **(Krichbaum):** distribute document describing station calibration procedure on the GMVATech exploder. open
14. **(Correlator):** establish calibration quality control at correlator open
15. **(de Vicente):** arrange for SiO maser observations approx. 1 month before GMVA session. done