



## 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