



## Meeting page:

<http://www.oan.es/tog2016/>

## Agenda

1. **Local Arrangements/Opening Remarks (Colomer, Vicente)**
2. **GMVA Technical Group (GTG) constitution**
  - overview of the GMVA. Purpose/mission of the GMVA Technical Group (Alef)
  - discuss and agree on GTG statutes, meeting cadence etc. (all GMVA)
  - appoint the GTG chair
3. **GMVA observations & operations**
  - Overview of observation preparation and operations e.g. pre-checks, DBBC2 news, FS news etc. (Bach)
  - Overview support infrastructure,: FTP servers, web pages, mailing lists etc. (Rottmann)
  - Discussion session (all)
    - standardization of operational procedure
    - fringe check procedure
    - DBBC2 PFB mode, PFB firmware version
    - FS schedule generation for PFB modes
    - log file contents
    - station session logs
    - additional topics
4. **GMVA calibration**
  - Station reports on the current amplitude calibration strategy (every GMVA station 5-10 min)
  - Discussion session (all)
    - necessary steps to improve the calibration quality
    - Tsys extraction in real-time
    - opacity issues
    - antab file generation
    - calibration quality control at the correlator
    - additional topics
5. **ALMA and GMVA**
  - Overview of the current state, ALMA commissioning and GMVA-ALMA tests (Rottmann, Alef)
  - Discussion session (all)
    - implications on GMVA operations
    - additional topics
6. **AOB / closing remarks**

## Presentations

[GMVA Overview \(Walter Alef\)](#)

[GMVA tools \(Helge Rottmann\)](#)

[GMVA session \(Helge Rottmann\)](#)

[DBBC2 & FS \(Uwe Bach\)](#)

[ALMA mode \(Walter Alef\)](#)

## Station Reports:

[Onsala \(Jun Yang\)](#)

[KVN \(Taehyun Jung\)](#)

[VLBA/GBT \(Walter Brisken\)](#)

[Pico Veleta \(Salvador Sanchez\)](#)

[Plateau de Bure \(Michael Bremer\)](#)

[Metsahövi \(Juha Kallunki\)](#)

## Minutes

[Minutes Madrid.pdf](#)

## Action Items

1. **Rottmann, de Vicente:** take a look at Yb DBBC configuration (investigate amplitude drop)
  - Done. Setup was verified to be correct. Observed problems were probably due to bug in the DBBC2 PFB control software.
2. **All:** Form small group to compile a pre-check list.
  - Not done. Action item bumped to the updated list from the 2nd GTG meeting.
3. **MPIFR correlator:** GMVA correlation reports should be made available online.
  - Done. Correlation progress can be viewed under: [https://deki.mpifr-bonn.mpg.de/GMVA/GMVA\\_correlations](https://deki.mpifr-bonn.mpg.de/GMVA/GMVA_correlations)
4. **MPIFR correlator:** Investigate possible PV phase jumps
  - Done. Phase jumps did not appear in the follow up session. Problems were possibly related to defective power supply in the PV DBBC2 which eventually failed in autumn 2016