EVN Users Meeting

Agenda

- Welcome and updates from the EVN Program committee: M. Lindqvist
- Answer to questions from the community: EVN officers + JIVE
- Feedback from users
  - ✓ E. Varenius
  - ✓ C. Spingola
  - ✓ M. Mao
- Interactive survey/discussion on future possibilities for the EVN
- Open Discussion – moderator: F. Colomer
- Final remarks: M. Lindqvist and R. Vermeulen

EVN PC Committee

Members from EVN Institutes

B. Campbell (JIVE)
M. Giroletti (INAF)
A. Gunn (JBCA/e-MERLIN), Scheduler
M. Lindqvist (OSO), Chair
A. Lobanov (MPIfR), Secretary
A. Melnikov (Inst. Applied Astron)
T. Muxlow (JBCA/e-MERLIN)
A. Polatidis (ASTRON)

“At Large” Members

I. Agudo (IAA-CSIC Granada)
S. Frey (FOMI)
E. Humphreys (ESO)
K. Immer (ESO)
V. Tudose (ISS)

EVN PC Committee

Members from EVN Institutes

B. Campbell (JIVE)
M. Giroletti (INAF)
A. Gunn (JBCA/e-MERLIN), Scheduler
M. Lindqvist (OSO), Chair
A. Lobanov (MPIfR), Secretary
A. Melnikov (Inst. Applied Astron)
T. Muxlow (JBCA/e-MERLIN)
A. Polatidis (ASTRON)

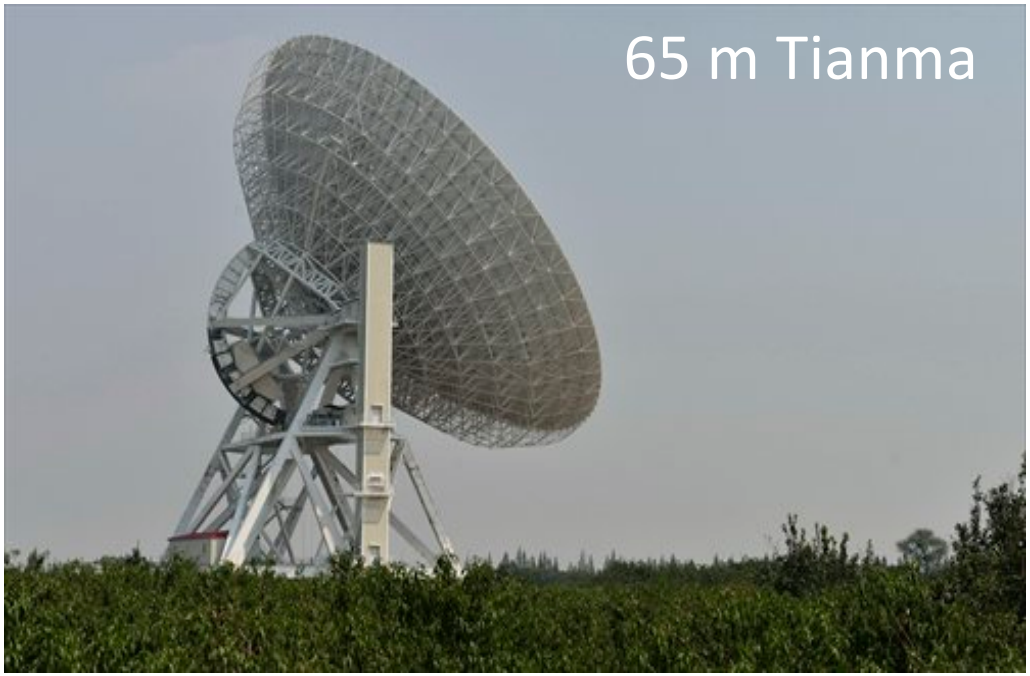
“At Large” Members

I. Agudo (IAA-CSIC Granada)
S. Frey (FOMI)
E. Humphreys (ESO)
K. Immer (ESO)
V. Tudose (ISS)

Current status of the EVN

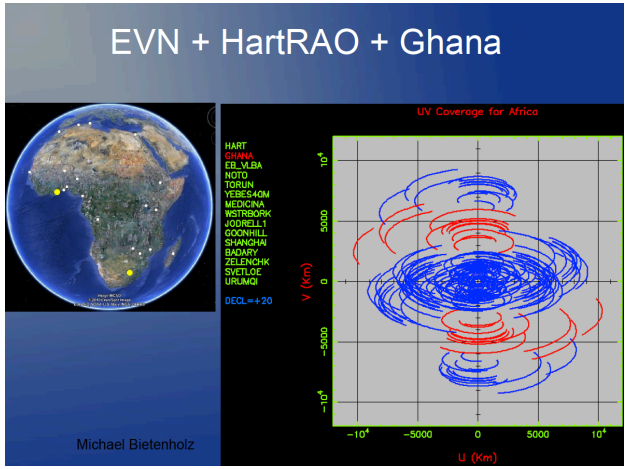
- **Call for proposals:** 3 times per year: February 1, June 1, October 1
- **Wavebands:** 90, 18, 6, 5, 3.6, 1.3, 0.7 cm
- **Not a full time array, the EVN observes during predefined "sessions":**
  - **Target of Opportunity**
  - **Out-of-Session**
  - **Short observation (disk recording or e-VLBI)**
- **Disk recording and/or e-VLBI** (2 Gbps)
- **Automated trigger e-VLBI** (tracking new source within 10 minutes)
- **(Most) data correlated using the software correlator (SFXC) at JIVE**
- **Collaborations:** EVN+NRAO, EVN+RadioAstron, EVN+LBA

Recent additions to EVN facilities

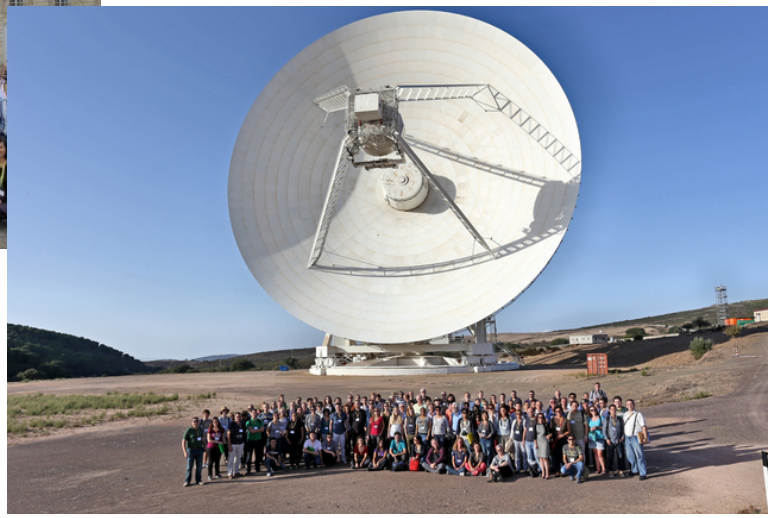


Future improvements of the network

- 4 Gbps (and beyond)
- BRAND
- …
- New telescopes

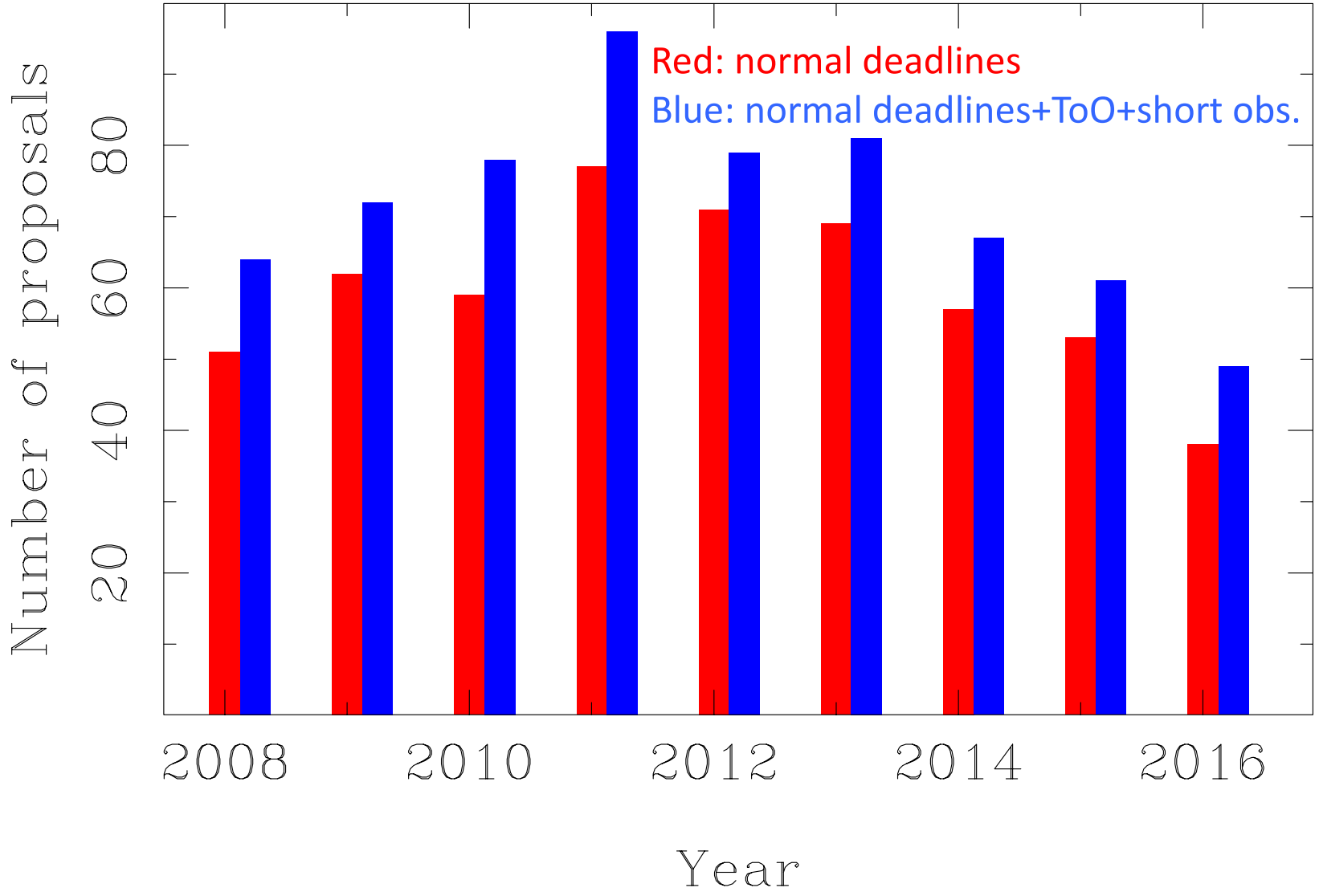


Most important – you!

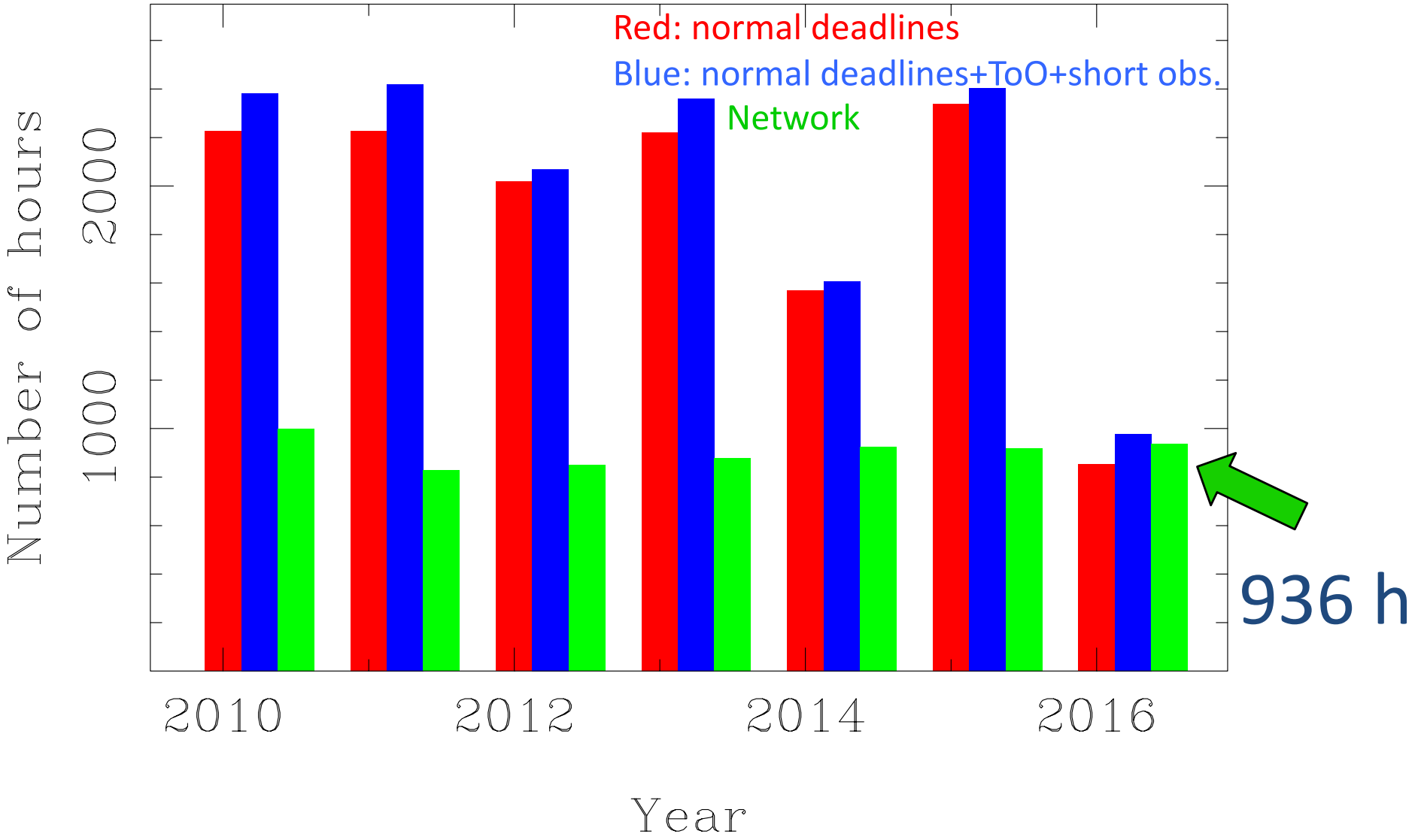


Hot science being observed

Proposal trends 2008-2016



Number of hours 2010-2016



Questions

- What are you doing to get more (new) users?
- What are you doing to prevent stations observing the wrong schedule?
- The latest projects have taken ages to be correlated, any light in the tunnel?
- When will you schedule my (1.5) project?
- What is the showstopper for not offering default 2 (or 4 Gbps)
- What are you doing to improve the calibration?

Questions

- When will EVN have multifrequency, like the KVN?
- Can the various stations' DBBCs get the same capabilities?
- The pipeline is great, but can be improved, is that being worked on?
- When will we have joint EVN-e-Merlin operational?
- When will you offer eEVN with multiple phase-centers?
- When will you offer eEVN with frequency agility?