Welcome to the XX meeting of the GTC User Committee

La Palma
29 & 30 July 2019

Romano Corradi
GRANTECAN
GUC membership

- Krittapas Chanchaiworawit (UF)
- Ignacio Negueruela Díez (Univ. Alicante) 2
- Nuria Huélamo Bautista (CAB) 2
- Cristina Ramos Almeida (IAC) 3
- Jorge García Rojas (IAC) 3
- Miriam García García (CAB) 3
- Ascensión del Olmo Orozco (IAA) 4
- Daniel Rosa (INAOE) chair, 4
Overall progress (detailed in Antonio’s presentation).

- **PRESENT INSTRUMENTS**: OSIRIS, EMIR, MEGARA, HiPERCAM & HORuS offered for science.
- **IN PROGRESS**: CanariCam reinstallation delayed to September 2019, MIRADAS coming at the end of 2019, Cassegrain focus set by the end of 2019, new maintenance platform & OSIRIS migration last quarter of 2020. GTCAO+FRIDA 2021.
- **FUTURE INSTRUMENTATION**: Process to define the future generation of GTC instruments was opened in 2018, 4 ideas presented.
- We are celebrating the 10 years since the GTC inauguration in 2009. We have edited a new booklet with a selection of scientific results in these first 10 years.
Financial situation

• Operational budget for 2019 unchanged with respect to previous years. +1.3 M€ allocated in 2020 national budget (if government forms). Additional uncertainties about the justification of funds provided by the Canarian government, and no commitment yet for coming years. This continues to be the major source of risk for the future of the GTC.

• GRANTECAN applied for funds to buy a new detector for FRIDA and one for EMIR.

• Progress continues about personnel recruitment, to replace permanent staff who has left, + temporary positions related to specific projects: staff size presently 72 (including 4 contracts in practice funded by La Palma government)
Comments on last GUC report

1. GUC recommends not to install the OA system until a consistent plan of completion of the FRIDA camera will be presented to GTC. A GTC plan to receive the AO system is also mandatory.

2. EMIR/MOS: the GUC recommends that the pipeline provided delivers flux calibrated spectra.

3. MEGARA: the IFU pipeline should deliver the wavelength and flux calibrated reconstructed data cube.

4. EMIR and MEGARA, the GUC would like to see a direct comparison of the signal to noise ratios obtained with the values estimated by the corresponding ETCs.

5. Meeting to discuss future role of the GTC. Under consideration.

6. The GUC recommends to find financial support to provide extra personnel to the Science Operations Group, and develop an specific software to automatize the telescope queue.

7. Look for a proper halogen lamp for MEGARA tracing/flat fielding below 4000 Å.

8. GUC is worried about the quality of the automatic reduced data that will be archived. GUC plan to do a poll within GTC community.

9. GUC asks to speed-up DDT response.

10. GUC supports a special and final call for CanariCam.

11. GUC recommends that support astronomers use detailed protocols for quality control.

12. Considering Guaranteed Time and commissioning(s), GUC recommends not to offer large programs in the next semester.

13. GUC recommends that phase 2 for EMIR and OSIRIS observations include field for airmass, as for CanariCam.

14. GUC recommends modifying MEGARA's phase-2 templates to include the possibility of small offsets.
Thank you very much for coming
I wish you to have a fruitful meeting