



Calls for Proposals

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SOFIA SUG Winter Meeting

Changes from Cycle 9 - Programmatic

- The funding structure has been updated to provide a significantly enhanced minimum grant (\$75k) intended to assure timely analysis and publication of the results.
- A new sub-category of programs called *Multi-Cycle Target Monitoring* programs has been introduced intended to allow long-term monitoring of time variable targets.
 - For Cycle 10 these programs will extend up to three cycles.
 - This category may be combined with **a** *Target of Opportunity* trigger.
 - I.e. the ToO is intended for **one** target, not for a 3-year program of multiple ToO targets
- Up to 20 hours will be reserved for programs supporting JWST observations.
- Joint proposals with the Green Bank Observatory are offered (As in Cycle 9).
- Joint proposals with IRTF are offered, details in the December 10 CfP update.

Changes from Cycle 9 - Instruments

- As of Oct. 1, 2021, EXES is a facility science instrument (FSI).
- GREAT is currently only funded through Cycle 10. Accepted Cy 10 programs will therefore be “Shared Risk” in the sense that even *Priority 1* and 2 programs will only be executed to the extent possible in the remaining availability of the instrument (fall of 2023).
 - No new *Legacy* proposals will therefore be accepted for GREAT.
- As for Cycle 9, the Cycle 10 review will be implemented in dual-anonymous mode. **Clear violations of the anonymization of the proposal will constitute grounds for proposal rejection.**
- The 63 mm (band B) filter of HAWC+ is offered as shared risk.
- The FIFI-LS on-the-fly mapping mode is offered as a standard mode.
- The capability to tune to the two polarizations of GREAT LFA to different frequencies for simultaneous observations of different lines is offered.

Cycle 10 Basic Numbers

- **Regular Programs:**

- Approximately 550h offered through US queue
 - Supported by ~\$5.5M available funding
- Approximately 100h offered through the DE queue

- **Legacy Programs:**

- Approximately 200h offered through US queue
 - Supported by ~\$2.0M available funding
- Joint Programs
 - GBT: Up to 5% of the total open-skies time on the GBT will be reserved for proposals received via the US SOFIA CfP
 - IRTF: Up to 5 nights on the IRTF (semesters 2022b and 2023a) will be available for proposals received via the US SOFIA CfP

Cycle 10 Schedule

- Call for Proposals Released October 29, 2021
- Proposal Deadline January 28, 2022
- Observing Period shifted to:
October 1, 2022 – 30 September, 2023
 - I.e.: Cy 10 completes within CY 2023
- Southern Deployment Plan specified
 - Long Deployment: ~late-July to mid-September 2023
 - GREAT and HAWC+
 - Note that this changes the log deployment to the **end** of the Cycle
 - Two short (“suitcase”) deployments
 - November 2022 with FIFI-LS
 - March 2023 with EXES

Cycle 11 Deployment Plans Published

- Notional Southern Deployment Plan advertised
 - Long Deployments: ~late-July to mid-September 2024
 - FIFI-LS and HAWC+
 - Two Short (“suitcase”) deployment: November 2023 with GREAT and March 2024 with FORCAST

Cycle 9 Call for Proposals: Key Dates

Milestone	Date
Release (US GO)	October 29, 2021
Update on Website	December 10, 2021
Proposals Due	January 28, 2022 (9:00 pm PDT)
US TAC	Week of March 14, 2022
Selections Announced	May 2022
Observing Period	October 1, 2022 – September 30, 2023

DDT and Flash Calls

- Director's Discretionary Time is now handled "similar" to regular calls.
 - USPOT used for proposal submittal
 - Proposals are reviewed by an external TAC
 - Standing membership (per Cycle)
 - DAR process followed
- The recent Flash Call for the December HAWC+ series gave us "a good test run" of the system
 - Released Nov. 4, Due Nov. 15
 - 14 proposals submitted, 4 accepted
 - Technical Reviews carried out by SMO staff
 - DDT-TAC returned full reviews in just over one week
 - Successful proposer notified on Nov. 23

Call for Proposals Summary

- Cycle 10 solicitation is now active
- DAR will continue to be implemented
- Cy 10 TAC – nominally in person – in mid March 2022
- Archival CfP expected to be released in May 2022
- DDT proposals now processed as regular (via USPOT and TAC reviewed)

