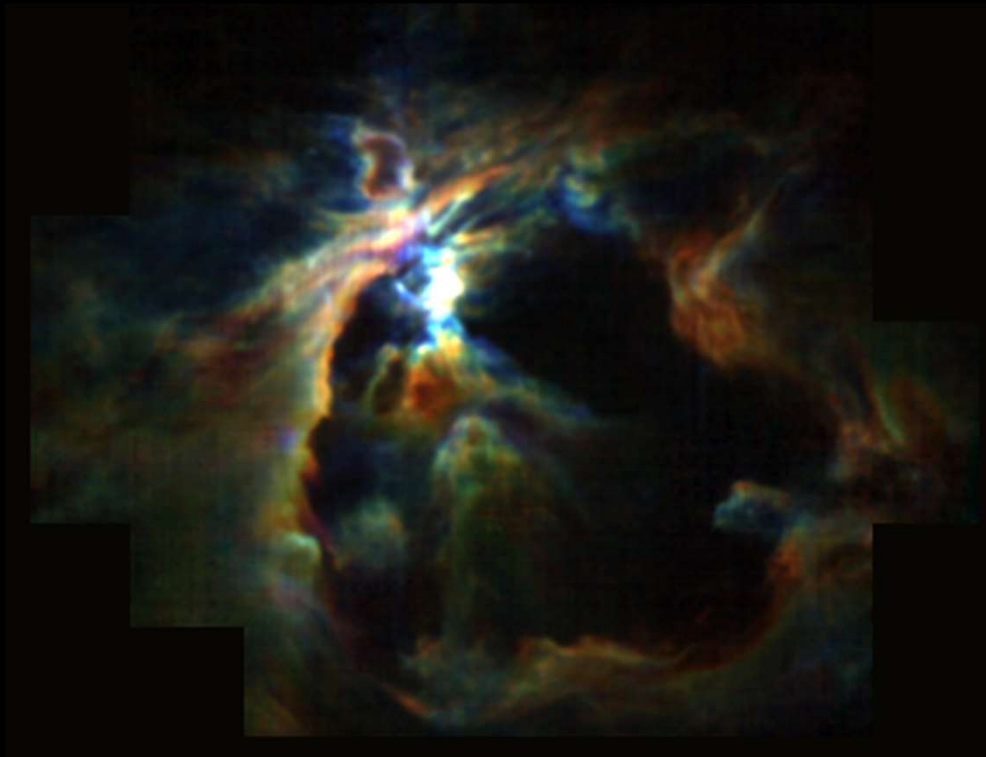


Calls for Proposals

B-G Andersson

SOFIA SUG



Changes from Cycle 8

- Accepted proposals stay “live” for two years.
 - Mitigates confusion over resubmission of proposals for active programs that may yet be observed in current Cycle.
 - Allows for flexibility for more optimal scheduling and planning
 - Maintains richer “filler” target pool
- Observing Period extended to 6 July 2021 to 30 September 2022 (in part due to lost 2020 Southern Deployment)
- Southern Deployment Plan specified
 - Two Long Deployments: ~late-July to mid-September 2021 and late-July to mid-September 2022 with GREAT and HAWC+ from NZ
 - Short (“suitcase”) deployment: March 2022 with FIFI-LS

Changes from Cycle 8 (continued)

- Dual-Anonymous Proposal and Review
- Joint Call for Proposals with Green Bank Observatory
- JWST Early Release Science support observations
- Two-Step Legacy Proposal process (Pilot first, then full-blown project) is encouraged
- New modes to improve observing speed and efficiency
 - FIFI-LS Total Power and On-the-Fly modes
 - GREAT “honey-comb” On-the-Fly mapping mode
 - HAWC+ Band B (63 micron) filter offered as shared-risk

Cycle 9 Call for Proposals: Key Dates

Milestone	Date
Release (US GO)	May 29, 2020
Update on Website	July 17, 2020
Proposals Due	September 4, 2020 (9:00 pm PDT)
US TAC	October 6 - 9, 2020
Selections Announced	December 2020
Observing Period	July 6, 2021 – September 30, 2022

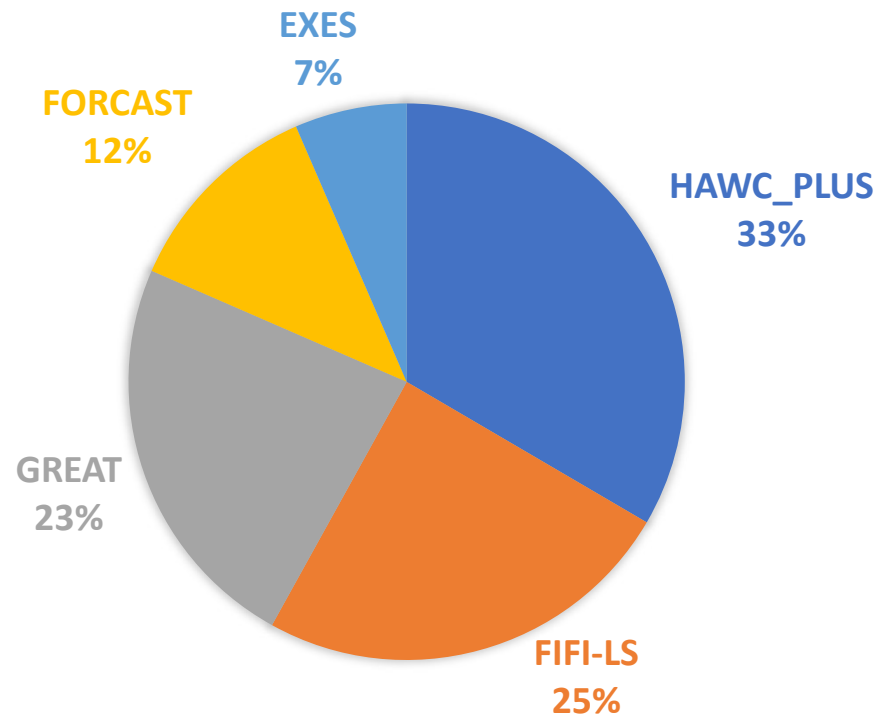
Cycle 9 US Proposals Received

US	Number	Hours
Total	201	3014.08
Legacy	8	744.62
GO	193	2269.46

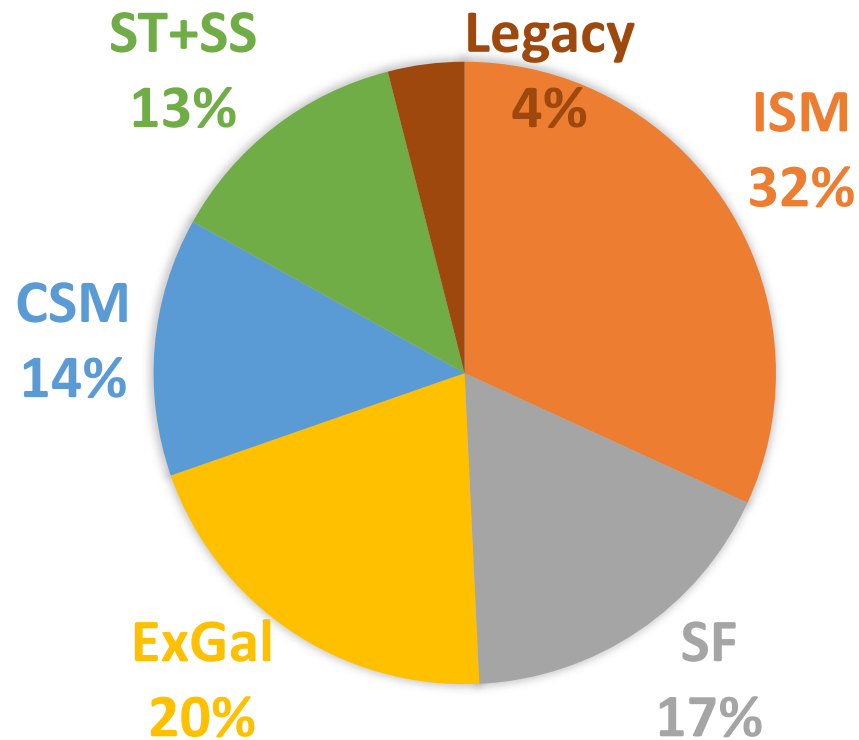
DE	Number	Hours
Total	29	146.23

Cycle 9 Instrument Demand by Hours

CYCLE 9 INSTRUMENT DEMAND



Number of Proposals by Scientific Area



Trends

- Proposal pressure remains high (4.5 GO oversubscription rate)
 - Slight rise in both total number of proposal and requested time
- HAWC+ has become the instrument in highest demand (both in GO and Legacy)
- Demand for FIFI-LS has increased.
- GREAT maintains high demand for GO program (the CfP discouraged GREAT Legacy Proposals for Southern [Galactic] targets)
- The number of ISM proposals has increased by 23% (mostly due to HAWC+ magnetic field studies).

Cycle 9 Time Allocation Committee

- Dual Anonymous Review, Virtual meeting
- 44 Panelists in 8 subject panels (incl. separate Legacy panel)
- Initial Technical Review was for all proposals before the TAC.
- A more rigorous Technical Review was executed after the TAC review for the highly ranked proposals.
 - Some proposals were declined based on TR
- Full Cycle simulations were executed to select only those proposals (in P1 and P2) that could be scheduled
 - The total number of flights that the GREAT consortium can support had the biggest scheduling impact on selections
 - The desire for fewer, longer series, impacts some selections – particularly time critical observations not recommended for P1 status.

SOFIA Legacy Programs

- One Cycle 7 Legacy program has been completed:
 - *Star Formation in the Galactic Center* (PI: Hankins), FORCAST, 32h
- Two Cycle 7 and 8 Legacy programs are expected to be completed in Cycle 9:
 - *FEEDBACK* (PI: Tielens & Schneider), GREAT, 96h
 - *HyGal* (PI: Neufeld), GREAT, 82h
- **One Cycle 8 Legacy Pilot Programs has been promoted to full Legacy status**, one is pending:
 - *Magnetic fields of galaxies* (PI: Lopez-Rodriguez), HAWC+, 175h
 - *FIELDMAPS* (PI: Stephens), HAWC+, 15h (42h)
- **Four new Legacy Pilot programs were approved for Cycle 9**
 - *A Two-Color Polarimetric Survey of the G.C.* (PI: Chuss), HAWC+, 20h(73h)
 - *SIMPLIFI* (PI: Pillai), HAWC+, 20h (78h)
 - *Survey of [CII] in the LMC* (PI: Madden & Krabbe), FIFI-LS, 20h (50h)
 - *Molecular Water Across the Lunar Surface* (PI: Lucey), FORCAST, 20h (69h)

SOFIA Archival Program

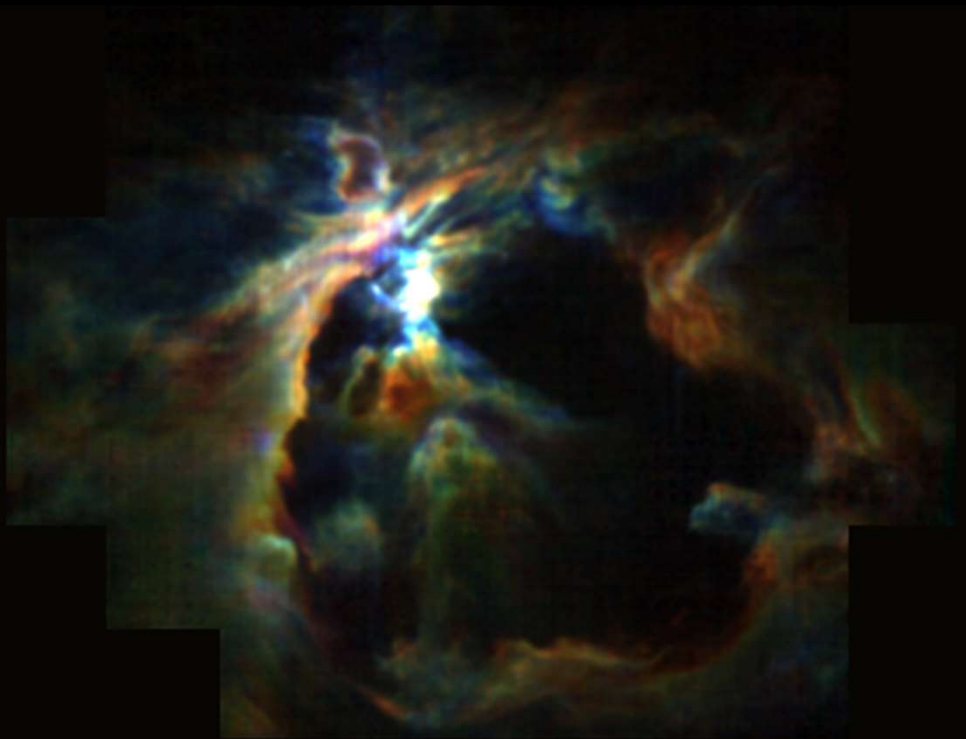
- Significant amounts of data from previous SOFIA Guest Observer programs are now available through the IRSA archive
- To enhance the utilization of these data a SOFIA Archival Research Program (SARP) Call for Proposals was issued in December
 - Up to \$1.5M available
 - Two proposal categories:
 - Regular: Two year POP, up to \$150k
 - Small: One year POP, up to \$50k (targeted at early career, including graduate students)
- Proposal deadline: February 12
- Review will be executed in DAR

Cycle 10 Preparations

- Because Cycle 9 has been extended with a second New Zealand Deployment in (Boreal) summer 2022, the SMO is considering delaying the release of the Call for Proposals for Cycle 10.
- The Cycle start shifts by ~4 months
- We are considering the over-all proposal calendar (US and DE)
- A possible “open” proposal deadline would be end of January 2022

Jan	Feb	March	April
AAS	NRAO, GBT APEX	JWST SMA	Keck, IRAM Chandra, JCMT
			IRTF, NOAO HST, ALMA ESO
May	June	July	August
ADP	AAS		ATP
			NRAO, GBT APEX
September	October	November	December
SMA	Keck, IRAM JCMT	IRTF, NOAO ESO	NSF JWST

Call for Proposals Summary



- Cycle 9 solicitation was successful
- Review held, virtually, under DAR
 - Good experience for us and TAC
- New TAC management S/W used provided through IPAC
- Archival CfP active now
 - “Regular” and “Small” categories
 - Deadline Feb 12
- Cycle 10 CfP may be delayed due to the extension of Cycle 9