

# SUG Membership

Jim Jackson

August 10, 2021

# SUG Composition

As mentioned in the Director's remarks, SOFIA has revised the charter for the SOFIA Users' Group.

- Terms of membership for US representatives are 3 years.
- The SOFIA Director will appoint the Chair.
- The chair's term is one year, but the outgoing chair and the next chair will attend all SUG meetings.

# New Members

- Tommy Wiklind (Next Chair)
- Emily Levesque
- Matt Hankins
- Susanna Widicus-Weaver

# Former Members

- Al Harper
- Michael Kaufman
- Matthew Richter
- Jonathan Tan

# Last meeting

- Raghvendra Sahai
- Tom Megeath

THANKS TO YOU ALL FOR YOUR SERVICE TO  
SOFIA!

# Response to SUG 17 Report

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# SUG17-1: Market Messaging

- SMO has used forward-looking messaging in its public presentations and reviews.
- The messaging is apparently working: we have received positive reviews from APAC, the Blue Team review of the Senior Review draft proposal, and the SOFIA Science Council.
- SMO is assisting the Project in writing the Senior Review proposal and, together, SMO and NASA are further developing and refining our messaging.

# SUG17-2: FORCAST

The SMO intends to keep FORCAST as part of its regular suite of instruments.

It will develop a regular rotation of instruments to be deployed to the Southern Hemisphere and make users aware of the plan when the Call for Proposals is released.



# SUG17-3 HAWC+ Upgrade

The Project has approved funding for the HAWC+ upgrade and is evaluating a bid from NIST and Goddard.

The SCAN-POL mode of HAWC+ was offered as “shared risk” in Cycle 9 and analysis of Cycle 9 data is encouraging. We will be offering SCAN-POL mode in future cycles.

# SUG17-4: GREAT

- SMO has worked with the GREAT team to develop a staffing plan to keep GREAT running through 2023. The Project has provided the necessary funding. Bill Reach will discuss the details.

# SUG17-5 ToO and Time Domain Science

- The SMO has established a DDT/ToO TAC that now reviews all DDT proposals and ToO triggering requests. As with our GO proposals, we use Dual Anonymous Review.
- SMO is looking into the feasibility of multi-cycle ToO projects and will consider them for Cycle 10. Monitoring projects with strict cadence requirements are difficult to execute on SOFIA because of scheduling demands. Still, SMO has executed some interesting observations of accretion events in protostars.

# SUG17-6 Archival Call

- The SMO issued a successful Archival Call. \$1.8M of funding was awarded. (B-G's presentation will provide details).

# SUG17-7 Programmatic Opportunity Balance

- The SMO has allocated ~25% of its observing time to Legacy programs (and pilot legacy programs). We concur with the SUG; this percentage seems about right to us. As the Legacy programs reach completion we will do an analysis on the impact on publications, especially archival publications.

# SUG17-8 Suitcase Deployments

- The SMO will announce which instruments will be used in future suitcase deployments and develop a ~3 year rotation schedule so that proposers can plan accordingly.

# SUG 17-9 Instrument Roadmap

- The Instrument Roadmap document has been publicly released and the first phase (the HAWC+ upgrade) has been funded. (Update on status will be provided by Margaret Meixner and Bernhard Schulz).

# SUG 17-10 Python Migration

- The SMO has begun its public release of its data pipelines (More details in upcoming presentation).



# SUG 17-11 Community Engagement

- Plans are underway for the far-infrared school to be held in November.
- The SMO has held two successful virtual science workshops, the first of which targeted solar system astronomers.

# SUG17-12 Flight Line Hours

- SOFIA is committed to increasing research hours. The Project has established this as a priority. Contingency scheduling has been improved and maintenance periods consolidated to allow for more successful flights.

# SUG17-13 Funding models

SMO plans to change its funding for Cycle 10. We intend to eliminate the \$7,000 immediate funding for developing the AORs. We will raise the minimum amount of funding for all projects to \$75,000 and place a \$200,000 cap on P1 and P2 projects. We will release P1 funds immediately, and all P2 funds upon starting the project. P3 programs will continue to be funded only once the data are collected.