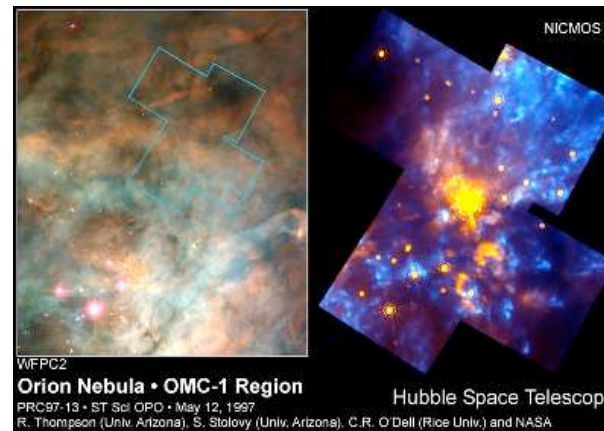
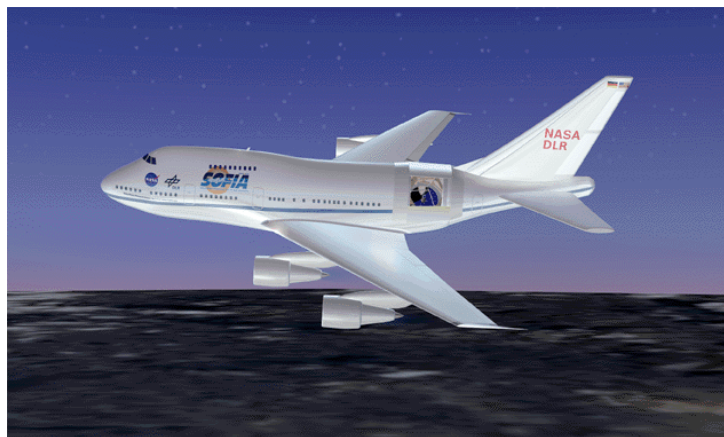


SOFIA Community Task Force (SCTF) AAS Workshop

*Early Science Opportunities
With SOFIA IV: Introduction*



Robert D. Gehrz

***Lead, SOFIA Community Task Force (SCTF)
Department of Astronomy, University of Minnesota***

Outline

- *The SOFIA Community Task Force (SCTF)*
- *Mission of the SCTF*
- *Activities of the SCTF*
- *Agenda for “Early Scientific Opportunities with SOFIA IV”*

The SOFIA Community Task Force (SCTF) - Members

B-G Andersson: USRA SOFIA

Dana Backman: SOFIA/SETI Institute

Eric Becklin: USRA SOFIA, University of California Los Angeles

David Black: Lunar and Planetary Institute

Ed Erickson: SOFIA

Bob Gehrz (Leader): University of Minnesota

Matt Greenhouse: NASA GSFC

Paul Hertz: NASA Headquarters

Bob Joseph: University of Hawaii, Institute for Astronomy

Dan Lester: University of Texas

Margaret Meixner: STScI

Pamela Marcum: NASA ARC

Tom Roellig: NASA ARC

Göran Sandell: SOFIA

SI PI's/designated representatives

The SOFIA Science Team

The Mission of the SCTF

The objectives of the Stratospheric Observatory for Infrared Astronomy (SOFIA) Community Task Force (SCTF) are to:

- Inform the astronomical community about the status of the SOFIA Project and the science opportunities available through the General Investigator (GI) Program*
- Contribute to the development of a long-range science plan that will realize the potential of SOFIA as a premier observatory and as a platform for developing forefront technology*

SCTF Activities (see our web page at www.sofia.usra.edu)

- *Talks and papers at universities and space science related venues in the United States and abroad to inform the user community about the status of the SOFIA Project*
- *White paper from Caltech Workshop on “SOFIA’s 2020 Vision”*
- *White paper from AAS Early Science Workshops I and II: “Early Science Opportunities with SOFIA”*
- *SOFIA “Design Reference Mission” papers at:*
http://www.sofia.usra.edu/Science/science_cases/index.html
- *“The Science Vision for the Stratospheric Observatory for Infrared Astronomy” – release of the report to be discussed later in this session by E. E. Becklin. See it at:*
<http://www.sofia.usra.edu/Science/docs/SofiaScienceVision051809-1.pdf>

SOFIA Workshop Schedule

- *“SOFIA’s 2020 Vision: Scientific and Technological Opportunities.”*
6-8 December, 2007, CIT, Pasadena. White Paper available at:
http://www.sofia.usra.edu/Science/07Dec_SOFIA_Vision/SOFIA_2020Vision_white_paper_final.pdf
- *“Early Science Opportunities with SOFIA I”, 211th AAS Meeting, Austin, TX, January 8, 2008. Draft White Paper Produced.*
- *“Early Science Opportunities with SOFIA II”, 212th AAS Meeting, St. Louis, MO, June 1, 2008. White Paper available at:*
http://www.sofia.usra.edu/Science/workshops/Early-Science_Opportunities_with_SOFIA_v6.0.pdf
- *“Early Science Opportunities with SOFIA III”, 213th AAS Meeting, Long Beach, CA, January 4, 2009. Aircraft Tour, Presentation of draft “SOFIA New Science Vision Report”*
- *“Early Science Opportunities with SOFIA IV”, 214th AAS Meeting, Pasadena, CA, June 7, 2009. Aircraft Tour, release of the “SOFIA New Science Vision Report”*

Objectives of “Early Science Opportunities with SOFIA IV”

- *Inform the astronomical community about the status of the SOFIA Project and the General Investigator (GI) science program*
- *Release the new “SOFIA Science Vision” Report*
- *Solicit community feedback on the project status and general questions from the user community*

Agenda for “Early Science Opportunities with SOFIA IV”

9:00 AM – 2:00 PM: Tour of SOFIA at the NASA Dryden Flight Research Center Aircraft Operations Facility in Palmdale, CA – staged from Pasadena Convention Center, hosted by SOFIA Project personnel

2:30 PM: Introduction - Bob Gehrz, SOFIA Community Task Force Leader

2:40 PM: SOFIA Project Status – Tom Roellig, Acting SOFIA Project Scientist

3:30 PM: The SOFIA Vision Report - Eric Becklin, SOFIA Chief Scientist

4:00 PM: Proposal The process update for early science and General Investigator (GI) programs - B-G Andersson, SOFIA Science Operations Manager

4:30 PM: Feedback and questions from the community – Bob Gehrz

5:00 PM: Adjourn

We Welcome Questions and Comments on:

- *Observatory Status*
- *Schedule*
- *Early Science Proposals*
- *First Generation Instruments*
- *New Instrument (Facility, PI) Opportunities*
- *Technology Development Funding*
- *The SOFIA Science Vision*
- *The SOFIA Website at <http://www.sofia.usra.edu>*
- *Other ?*