

Report on German Activities 2014 (since SUG5)

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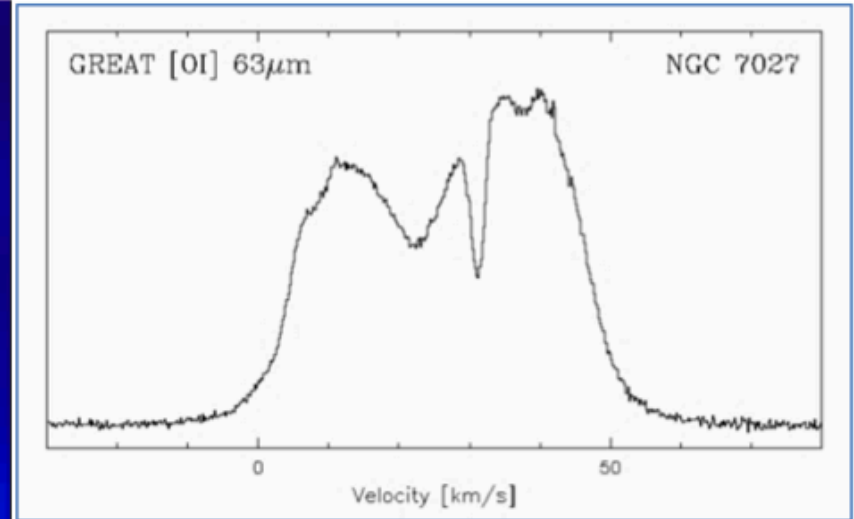
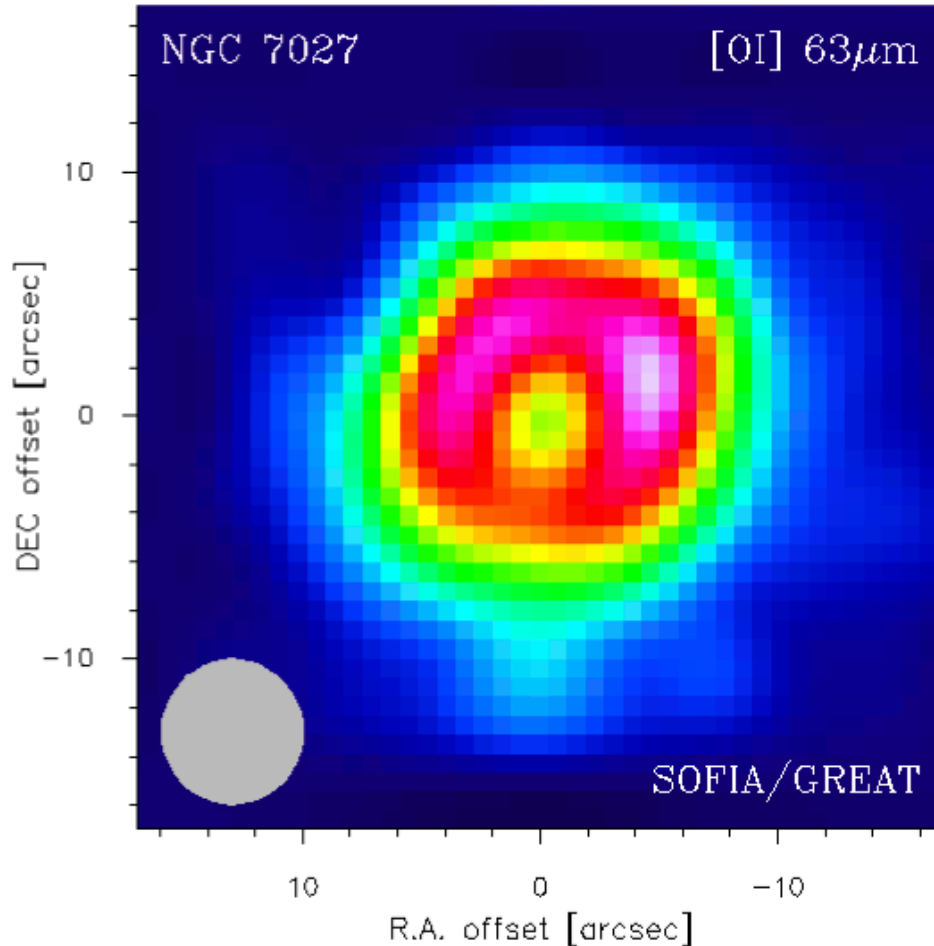
SOFIA Users Group

October 20, 2014

Outline (topics)

- 1) GREAT 4.7 THZ H-CHANNEL COMMISSIONING (SUCCESSFUL)
 - 2a) GERMAN TAC CYCLE 3
CALL FOR PROPOSALS (OUT: MAY 28, IN: JULY 18)
TAC MEETING CYCLE 3 (17/18 SEPT IN STUTTGART)
 - 2b) GERMAN TAC CYCLE 3 STATISTICS
NUMBER (32), DISTRIBUTION OF GRADES (1-5), etc.
NEED FOR SOUTHERN DEPLOYMENT WITH GREAT
- 3) H MV AT LH-TECHNIK (TIME-LAPSE MOVIE, DSI ACTIVITIES)
- 4) GSSWG MEETING (29 SEPT AT LH-TECHNIK IN HAMBURG)
- 5) 10 YEARS of the DSI (EVENT in STUTTGART on NOV 25)
- 6) PREVIEW SOFIA RINGBERG WORKSHOP (15-18 MARCH 2015)

GREAT 4.7 THz First Light



(Rolf Güsten & the GREAT Team)

(Many observing proposals in Cycle 3 for [OI] GREAT fine structure line obs.)

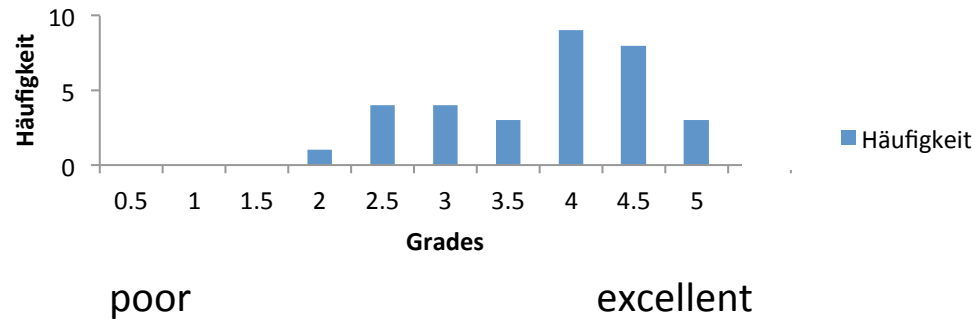
SOFIA German CfP/TAC (Cycle 3)

CfP deadline: July 18, same as US
TAC meeting in Stuttgart 17/18 Sept
TAC chair: D. Lemke (MPIA, retired), + 8 members

- 32 proposals, asking for some 100 hours (factor ~2.5)
- 22 GREAT, 1 FORCAST, 3 FIFI-LS, 3 EXES, 2 FLIPO
- NASA ranking: grades from 5 (excellent) to 1 (poor)
- 12 proposals grade > 4.0 (very good), # see below
- 20 proposals with grade > 3.5 (good) approved

German TAC voting on 32 proposals

Voting on Proposals Cycle 3



SOFIA at Lufthansa-Technik (heavy maintenance movie)

- LINK:
- <https://oc6.irs.uni-stuttgart.de/public.php?service=files&t=552ec31de94f7d592c282029efef7983#>

(does it work?)

SOFIA at LH-Technik in Hamburg



GSSWG issues (29 Sept 2014)

- DLR: German SOFIA operating budget ok till 2017
- BMWI/BMWF: no funds for SOFIA instrumentation (caught between two ministries, cf Ms Zypries visit)
- DLR/DSI: contract till Dec 31, 2016; 4 yrs=20 Meuro
- DSI staffing ramp up to 30 people (cf. 18 before)
this was granted based on 4 flights/week (2 shifts),
perhaps replace 2 positions for instrument support
- It was noted: Senior Science Review in ca. 5 years

GSSWG issues (continued/1)

- **Stutzki**'s concern: no Science Council in place !
(considered very important in troubled times)
- **Himmes** action item SSPC charter by Dec 2014
- **Krabbe**: concern about NASA/DLR MoU by 2016
(nessessary to start next new contract DSI/DLR)
Himmes does not see much need for change,
should be easy, unless 80:20 will be challenged

GSSSWG (continued/2)

Zinnecker: reports about German TAC outcome

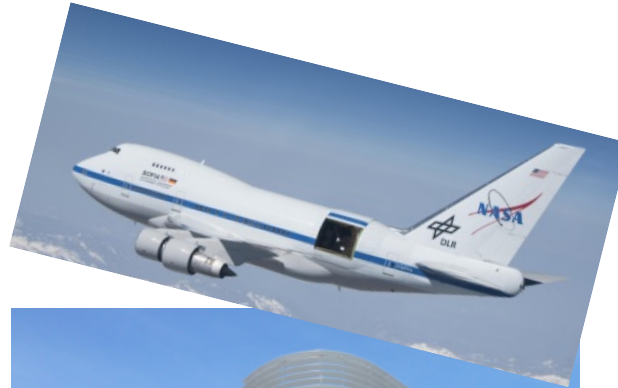
Eisloeffel: reports about last SUG report, eg. “proprietary period” and “metrics of success” as well as missing WVM (much needed for FIFI-LS)

Beuther: Why only 450 hrs open time in the US?
questions about how to calculate Cycle3 open time

Britz (LHT) reports about HMTV progress, it needs about 50,000 productive work hours, [guided tour](#)

10 years DSI

25 Nov 2014



10 years of DSI

celebration event on **Nov 25** in Stuttgart

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SOFIA history/technology/science talks:

Roeser, Krabbe, Keilig, Hofschulz, Stutzki

DLR/RFM, Ms. Zypries (BMWV), NASA/USRA (??)

Rector of Stuttgart University, 5 SOFIA teachers

-- after Heavy Maintenance [Media Day Nov 21](#)
in Hamburg (with VIP from NASA-HQ + DLR)

Ringberg Workshop (pre-view)

- date is fixed: 15-18 March 2015
- location: Max-Planck castle in Bavaria
- organisers: DSI (HZ) /MPIfR (F. Wyrowski)
- topic: mid-IR/far-IR Spectroscopy with SOFIA
- >> GREAT, FIFI-LS, EXES, FORCAST/FLITECAM grisms
- in honor of Eric Becklin (75th birthday)

ISSUES:

- conflict with FIFI-LS March observing schedule
- small NASA/USRA participation (but other US ok)