![James Clerk Maxwell Telescope East Asian Observatory]

ANNOUNCING THE 20A CALL FOR JCMT LARGE PROGRAMS (III)

4,800 hours Semester 20A - end of 22B

Harriet Parsons, EAO/JCMT

image credit: Rita Morris

JCMT LARGE PROGRAMS

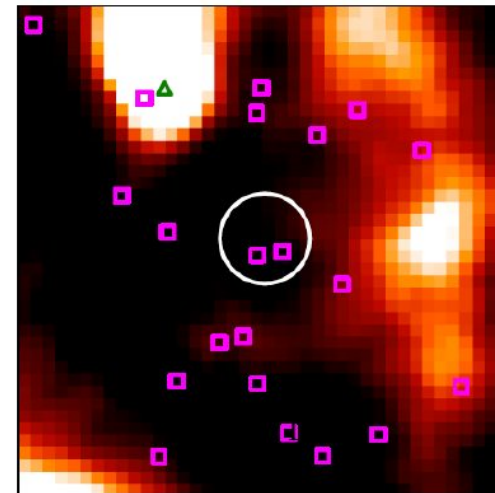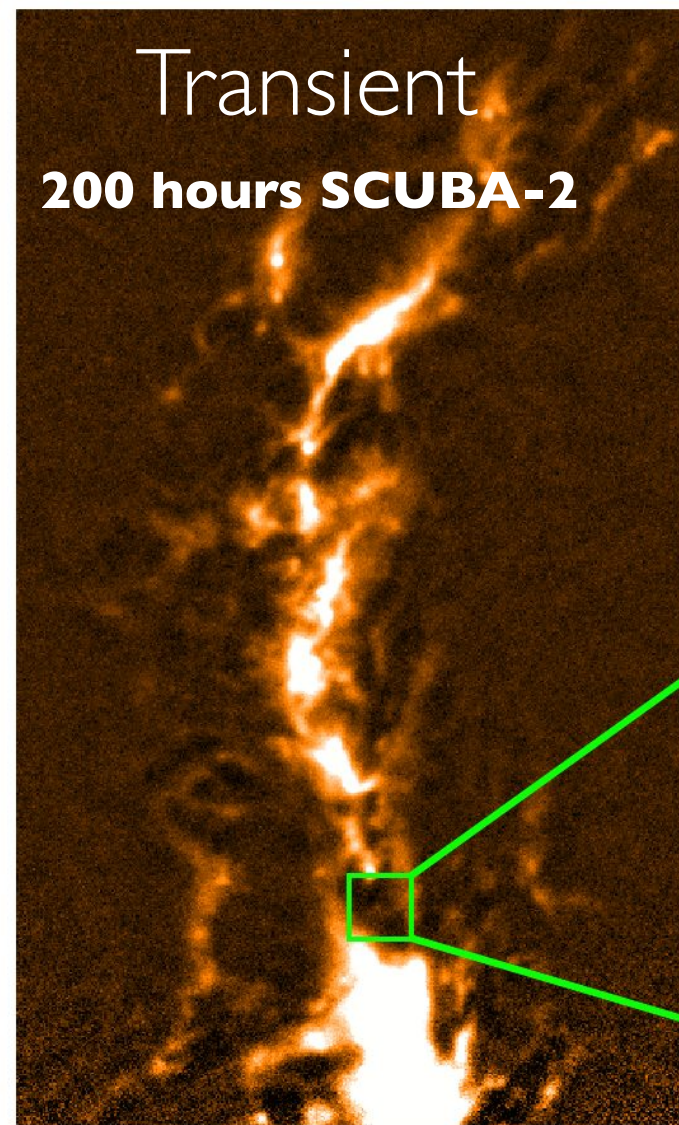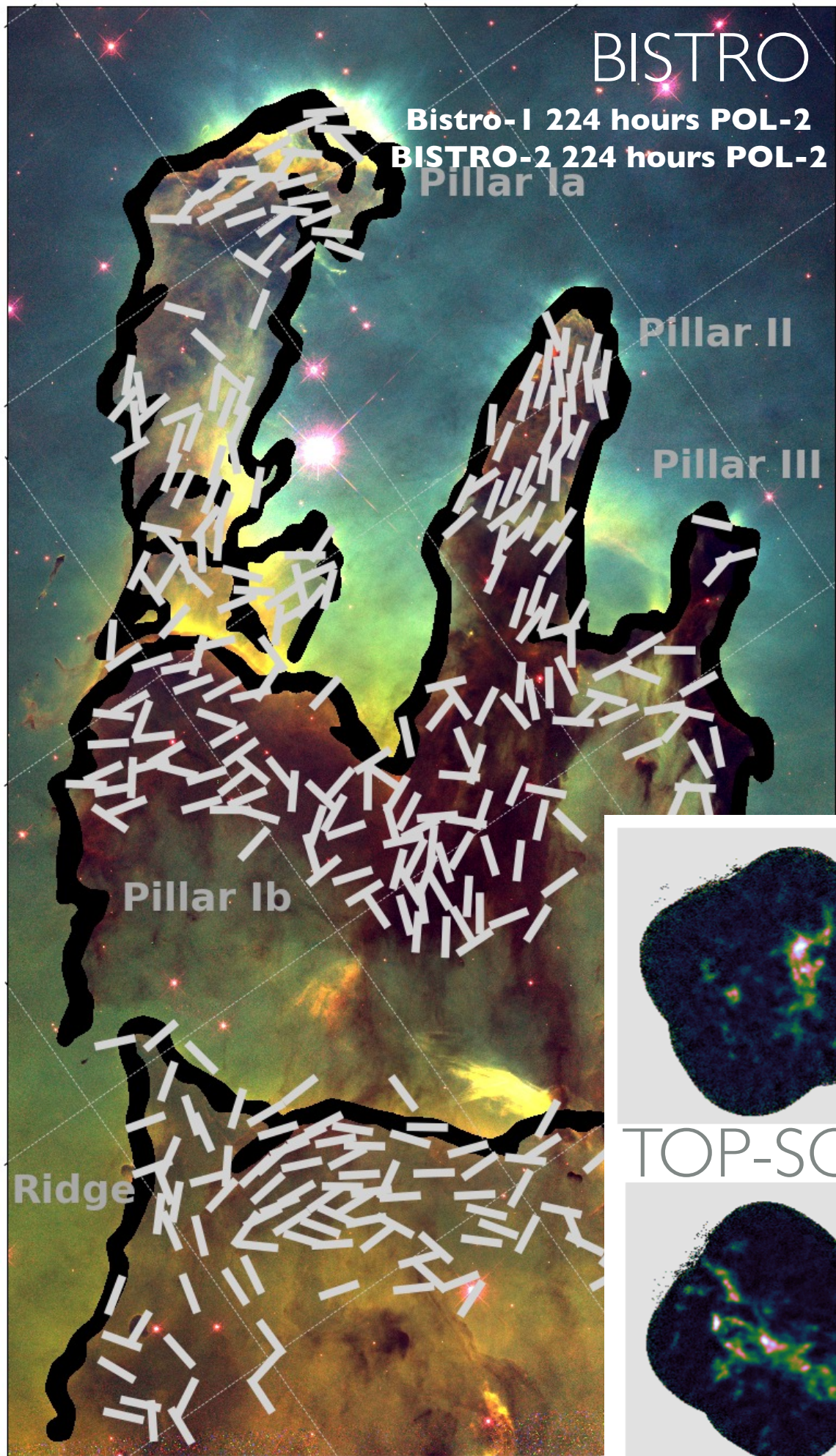Large Programs initiated December 2015

50% of telescope time*

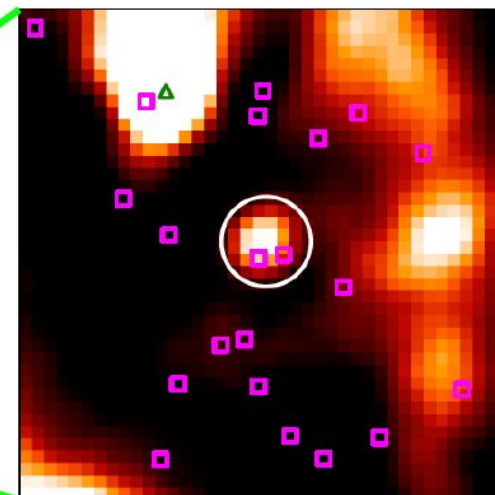2,397 hours initially awarded to 7 programs

3,770 Additional hours awarded in August 2017

Highly ranked program (A programs) guaranteed to completion, lower ranked programs (B programs) need to re-apply for time beyond 19B
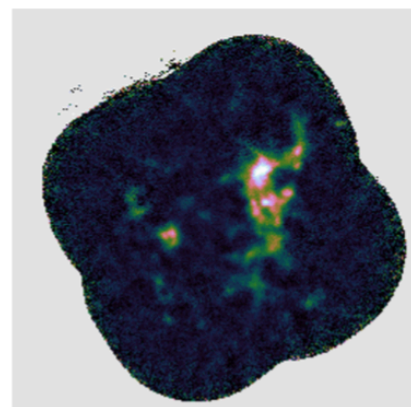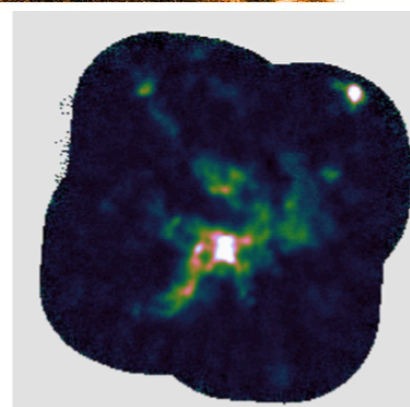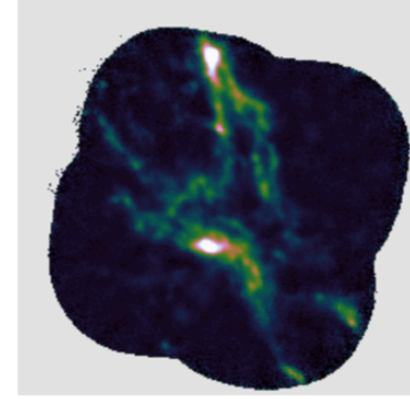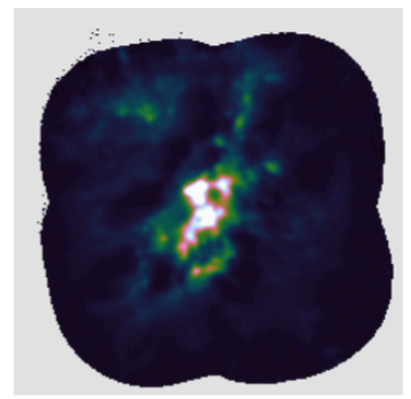
BISTRO
Bistro-1 224 hours POL-2
BISTRO-2 224 hours POL-2
Pillar Ia
Pillar II
Pillar III
Pillar Ib
Ridge

Transient
200 hours SCUBA-2
2016-11-20
2016-11-26

TOP-SCOPE
300 hours SCUBA-2

NEP
400 hours SCUBA-2

SDSS DR7, $0.01 < z < 0.05$
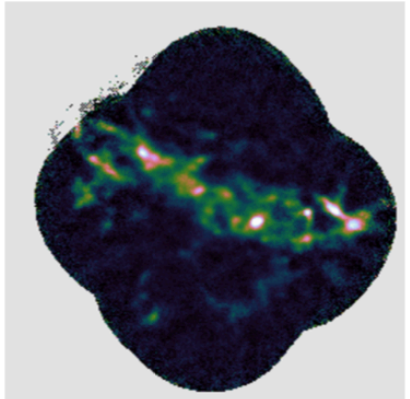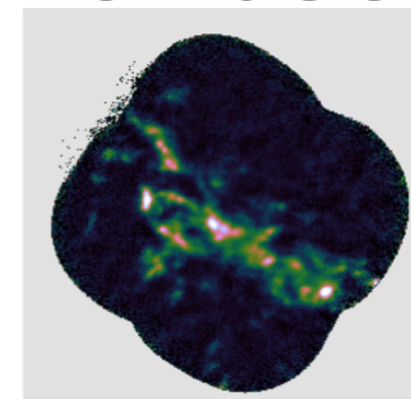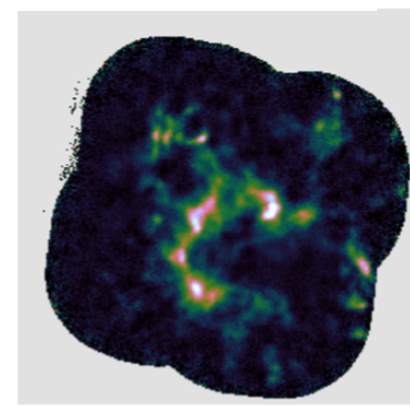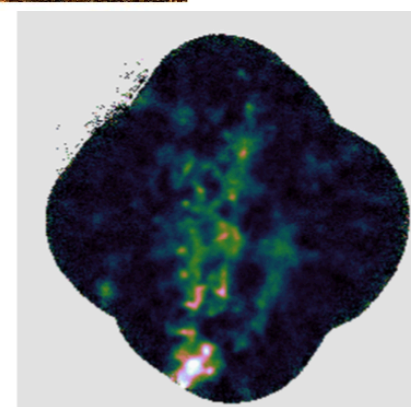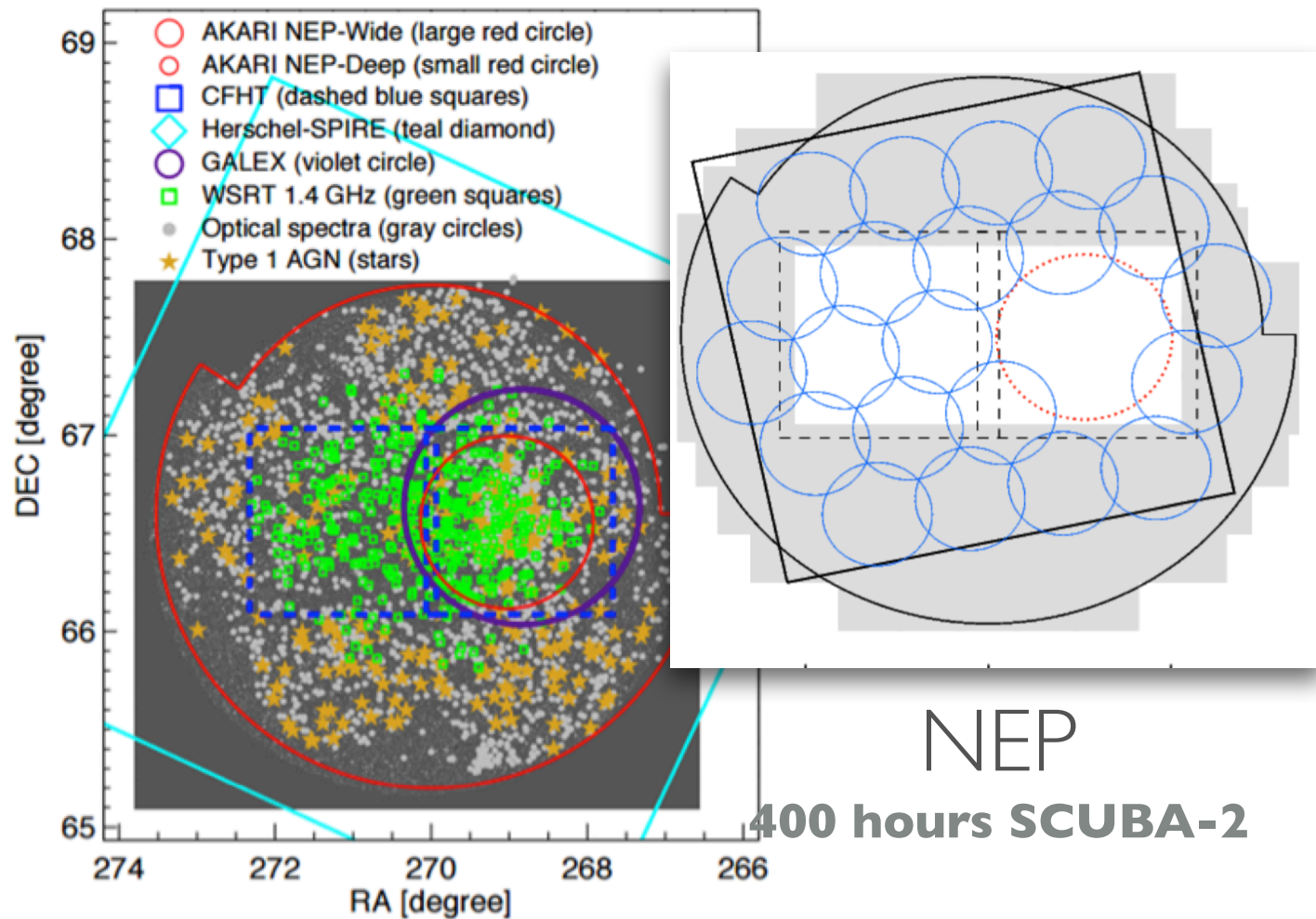
Schiminovich+07; Elbaz+07;
Noeske+07; Peng+10

star-forming galaxies

"red and dead"
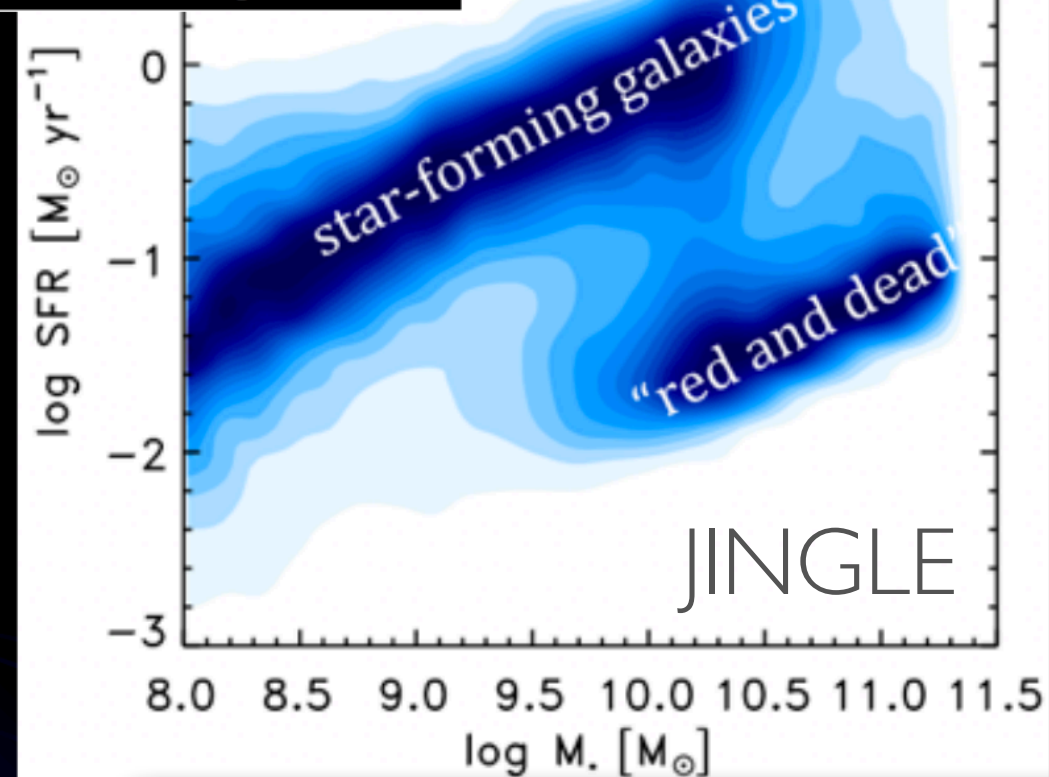
JINGLE

HASHTAG

SPIRE 250μm

276 hours SCUBA-2 & HARP

CO ($J=1-0$)

JINGLE24
$L_{TIR}=3.57\times10^{8}L_{\odot}$
$SFR_{MAGPHYS}=0.25M_{\odot}/yr$
$M_*=2.07\times10^{8}M_{\odot}$
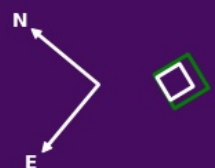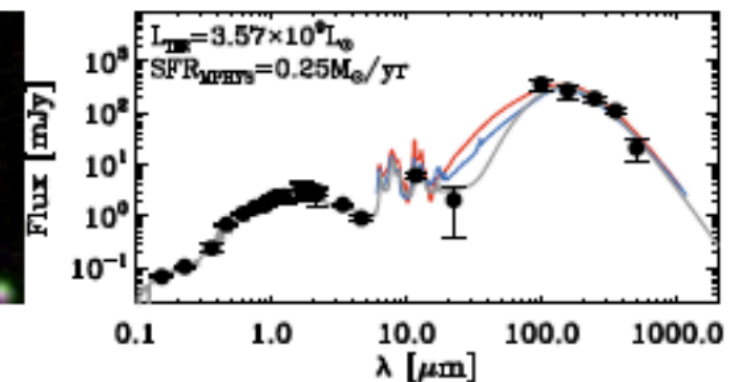
JINGLE63
$L_{TIR}=5.69\times10^{8}L_{\odot}$
$SFR_{MAGPHYS}=0.44M_{\odot}/yr$
$M_*=2.17\times10^{8}M_{\odot}$
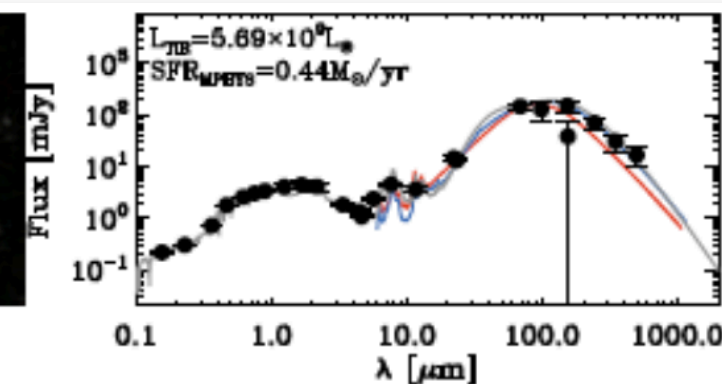
JINGLE I 780 hours SCUBA-2 & RxA3
JINGLE II 454 hours Namakanui

JCMT LARGE PROGRAMS

Information: www.eaobservatory.org/jcmt/science/large-program-details/

Publications: https://ui.adsabs.harvard.edu/user/libraries/gd1aj27oTHWBRaYWmeX-YA

Archive: www.cadc-ccda.hia-iha.nrc-cnrc.gc.ca/en/jcmt/

S2COSMOS – 223 hour program – completed June 2017
– all data public (August 2018)
SCOPE – 300 hour program – completed July 2017
– all data public (August 2018)
MALATANG – 390 hour program – completed July 2017
– all data public (August 2018)
BISTRO – 224 hour program – completed January 2019
– all data released February 2020

image credit: Dan Baskill

4,800 hours offered in the 20A Call for Large Programs*

Total in Call (4,800 hours)*

Grade 1	Grade 2	Grade 3	Grade 4	Grade 5
500	1200	1200	1000	900

0 400 800 1200 1600 2000 2400 2800 3200 3600 4000 4400 4800

4,800 hours offered in the 20A Call for Large Programs*

Tau 225 = 0.04PWV + 0.017

Tau 225: 0.04 - PWV: 0.58mm - Band 1
Tau 225: 0.05 - PWV: 0.83mm - Band 1/2 Boundary
Tau 225: 0.08 - PWV: 1.58mm - Band 2/3 Boundary
Tau 225: 0.12 - PWV: 2.58mm - Band 3/4 Boundary
Tau 225: 0.20 - PWV: 4.58mm - Band 4/5 Boundary

Total in Call (4,800 hours)*

Grade 1	Grade 2	Grade 3	Grade 4	Grade 5
500	1200	1200	1000	900

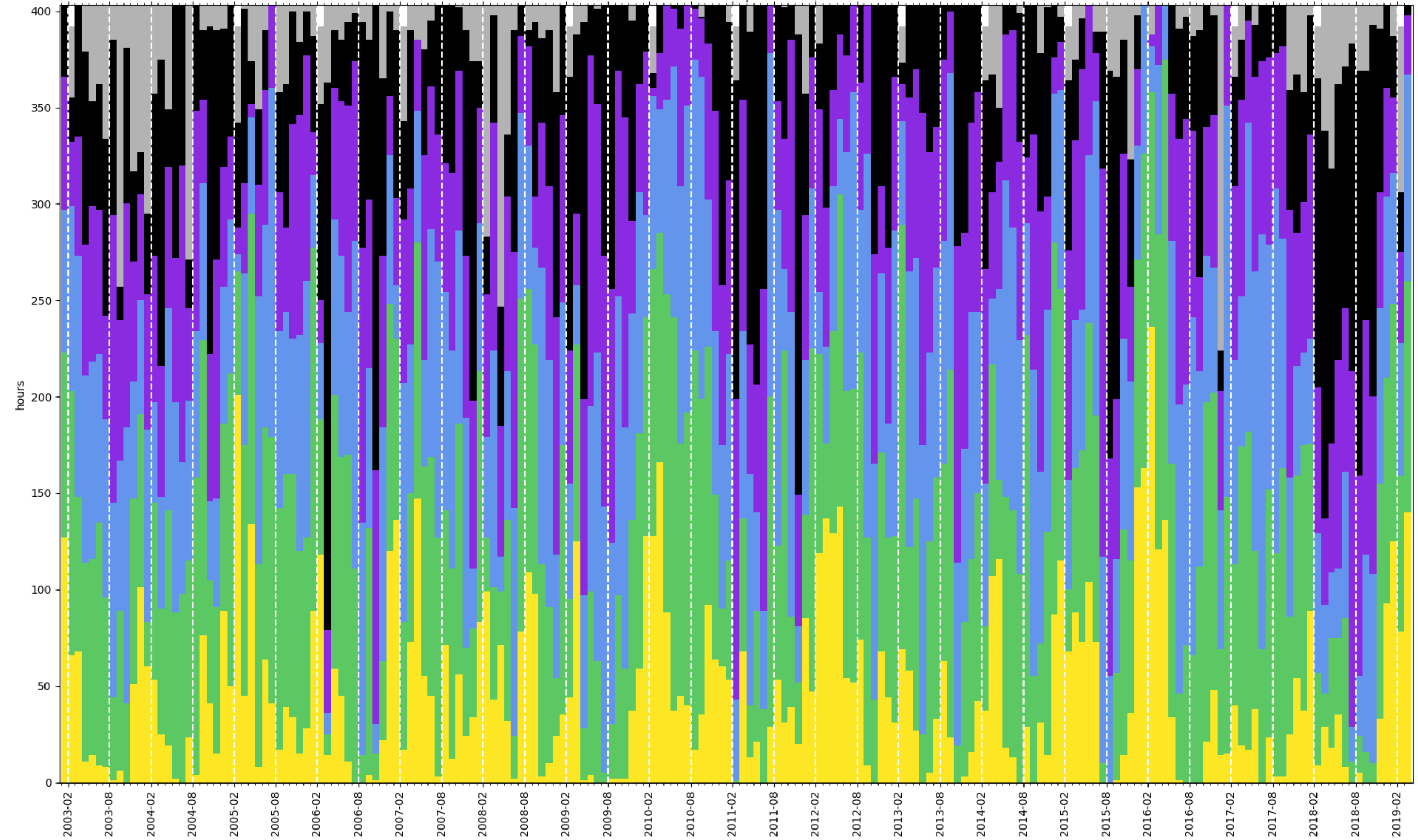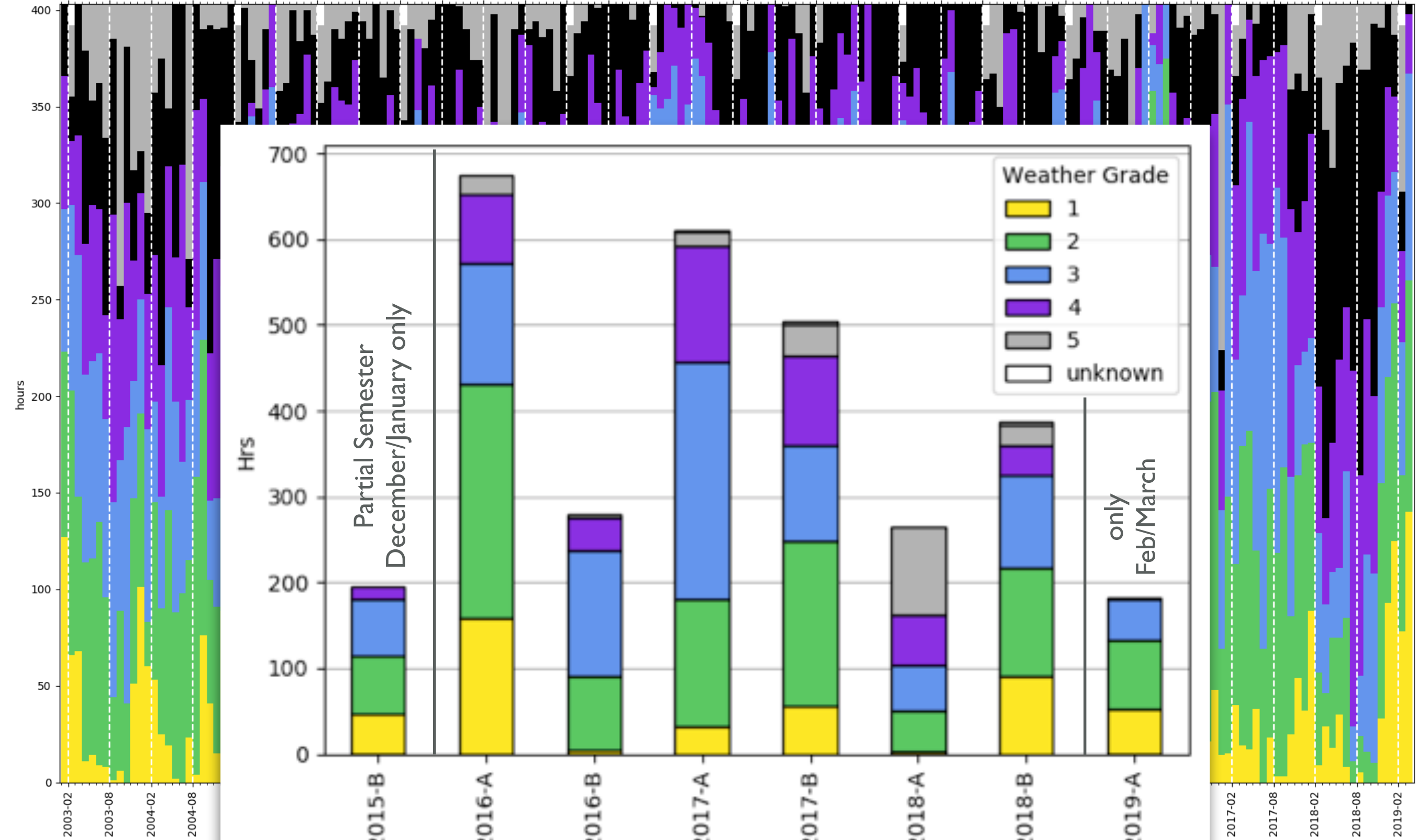**4,800 hours** offered in the 20A Call for Large Programs*

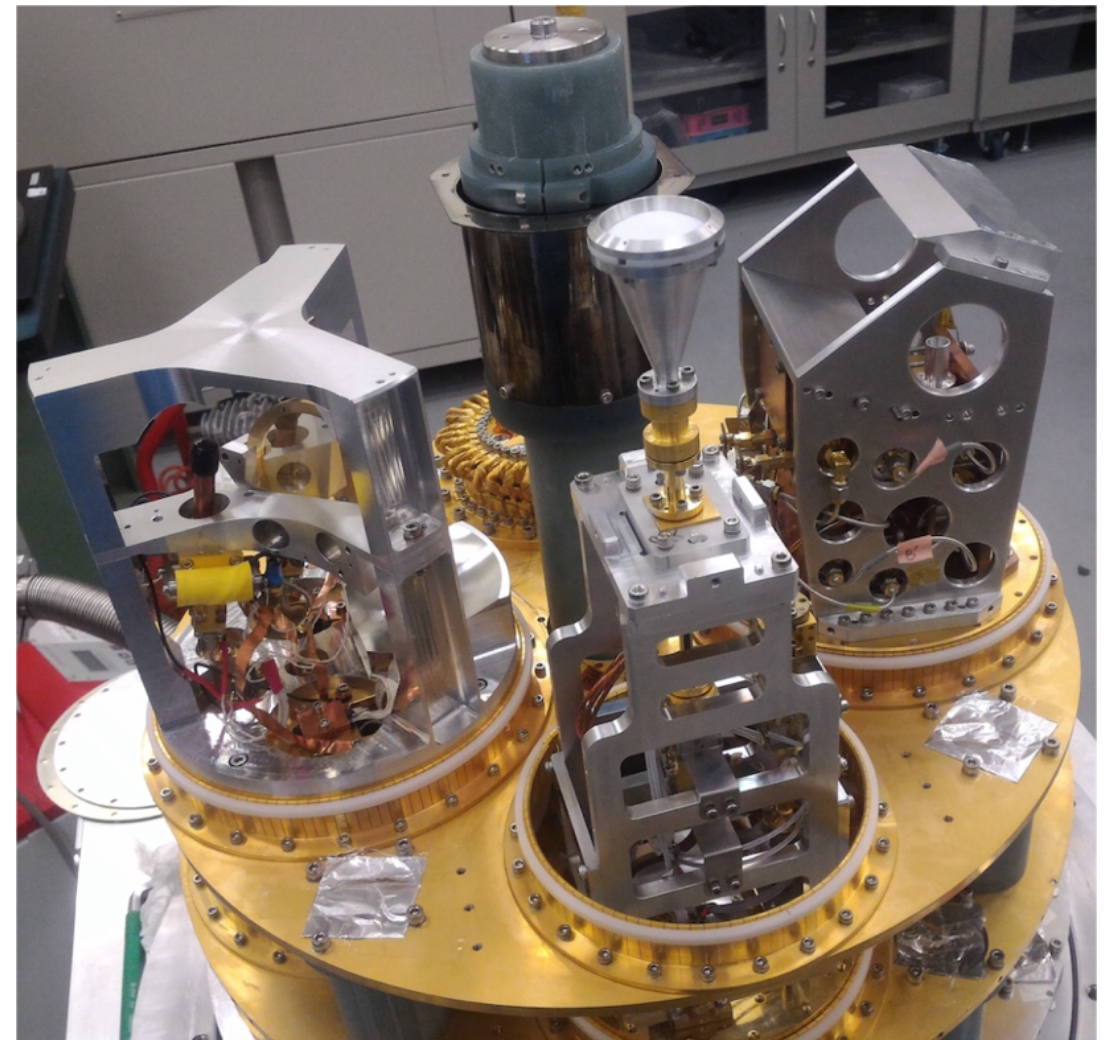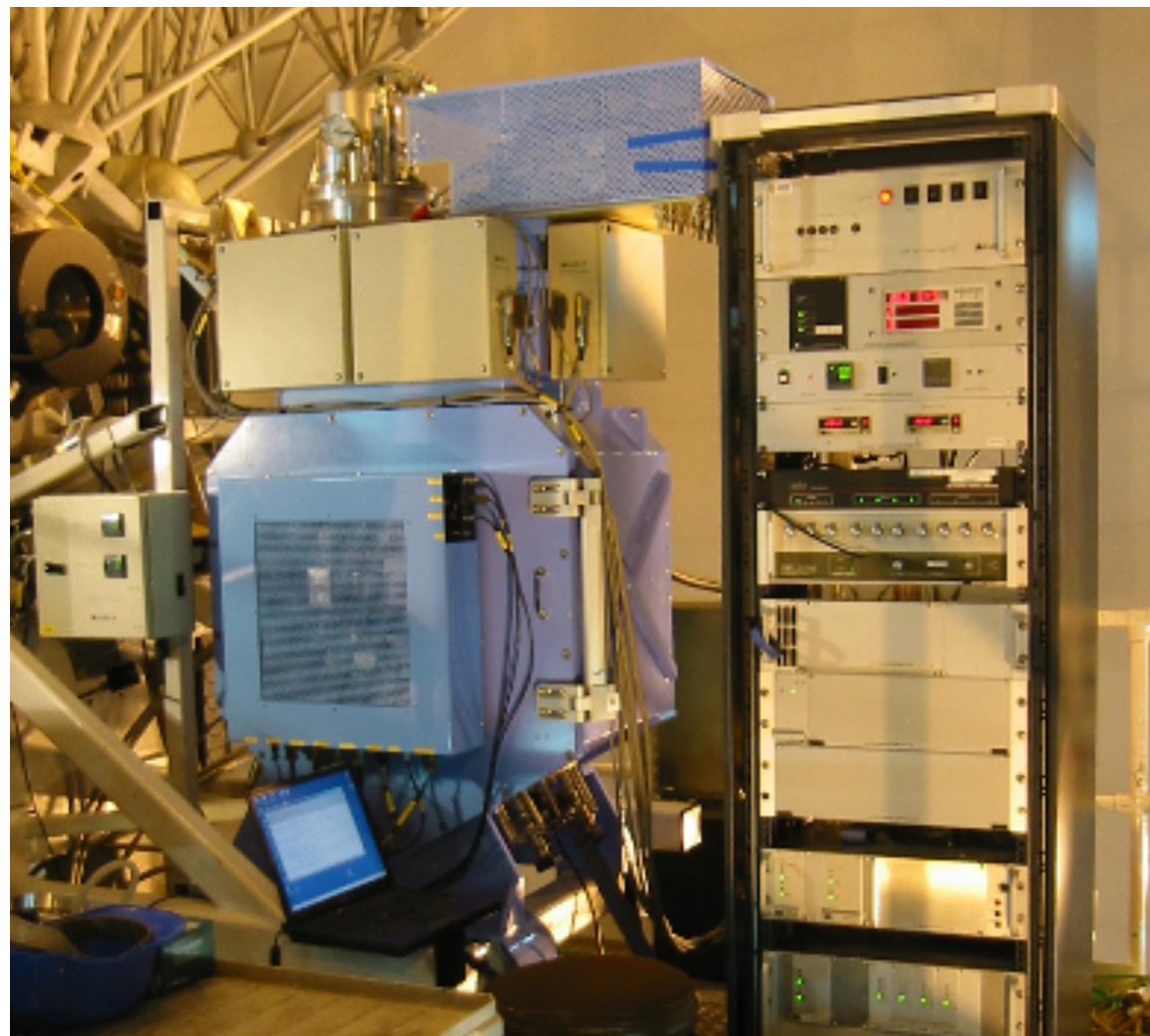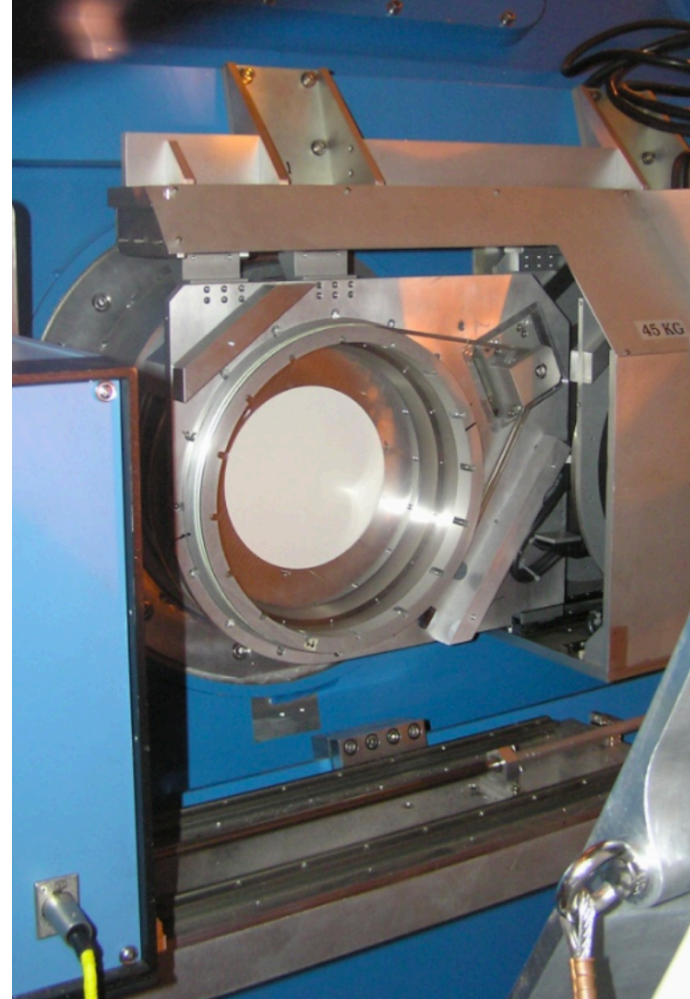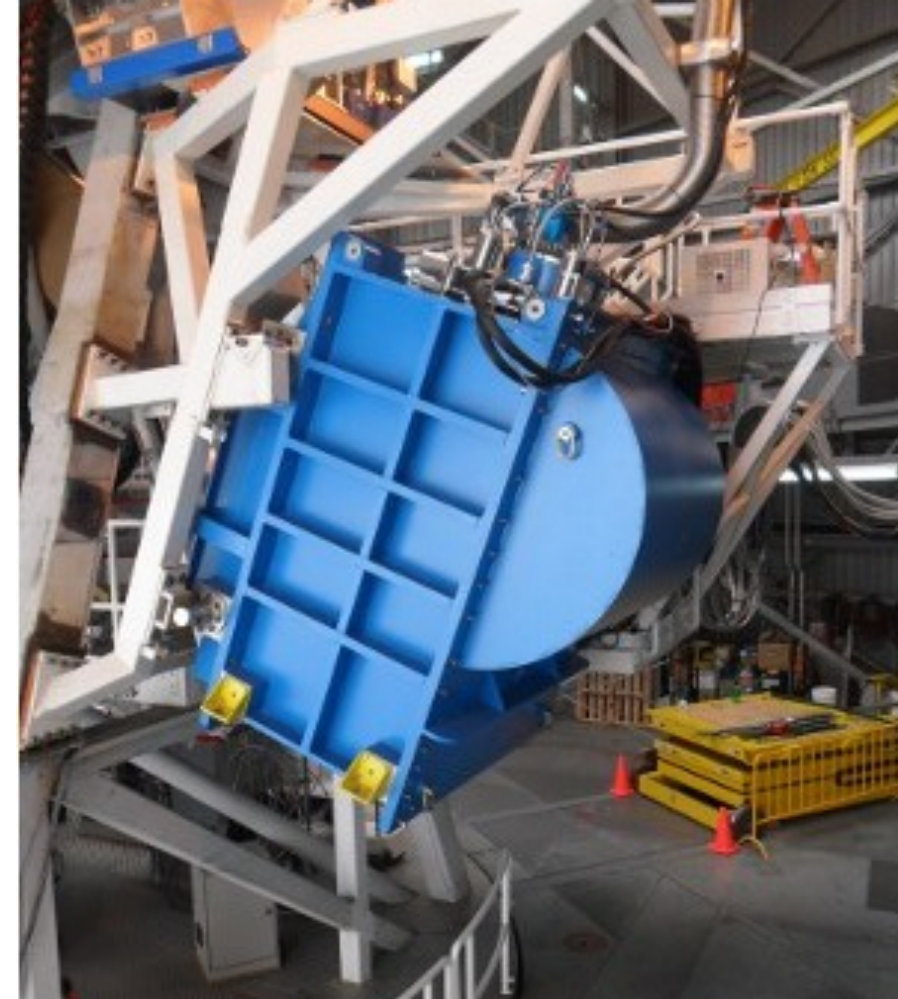Hours advertised per month over three years for Large Programs based on average historical weather data*

Weather-Grade-hours per month, 4-17 UT

Weather-Grade-hours per month, 4-17 UT

SCUBA-2, POL-2
HARP (345GHz) &
Namakanui*
(230GHz, 345GHz)
offered in the 20A Call
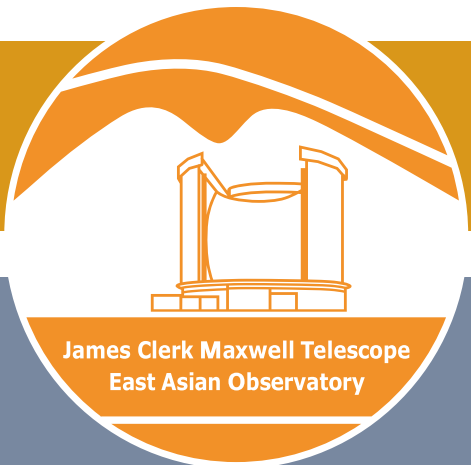for Large Programs

Hedwig

Proposal Submission System

JCMT

UKIRT

- Enter an invitation code
- Help and information

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Preparing justification files

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Announcing the JCMT Large Programs (III)

The EAO are pleased to provide an early announcement of the third Call for JCMT Large Programs. This information is being provided ahead of the opening of the Call in order for current and new teams to pursue discussion and planning. Submissions will be accepted from August 15th up until the September 15th deadline. This will coincide with the 20A PI Call.

Up to 4,800 hours of time to be awarded between: **February 2020 and January 2023**

The call will open

Thursday August 15th 2019 (TBC)

Large Program Proposal Requirement:

- Demonstrate legacy value, fully justifying the need for survey status, rather than that of a conventional TAC proposal.
- Include investigators from at least three regions.
- Include a viable management plan, and publication plan.
- Identify and explain any link(s) to other survey(s)

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SEARCH 🔍

Observing with JCMT
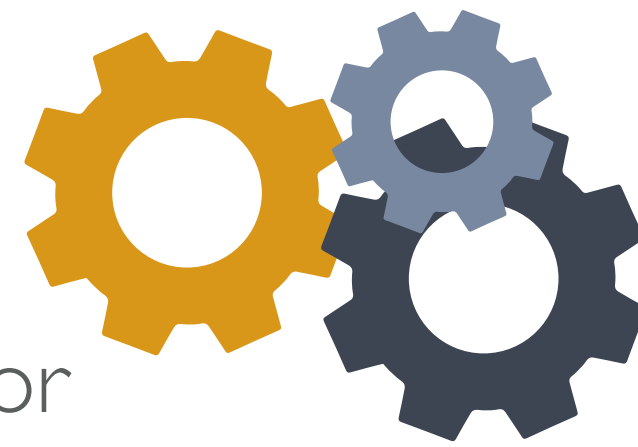
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Large Program Expectations:

- Have a period of open enrollment for any EAO region member to join
- Required to provide observatory with progress updates at least twice a year.
  - Emphasis on a roadmap to analysis & publication
- Required to provide at least three talks per year per EAO region/JCMT partner
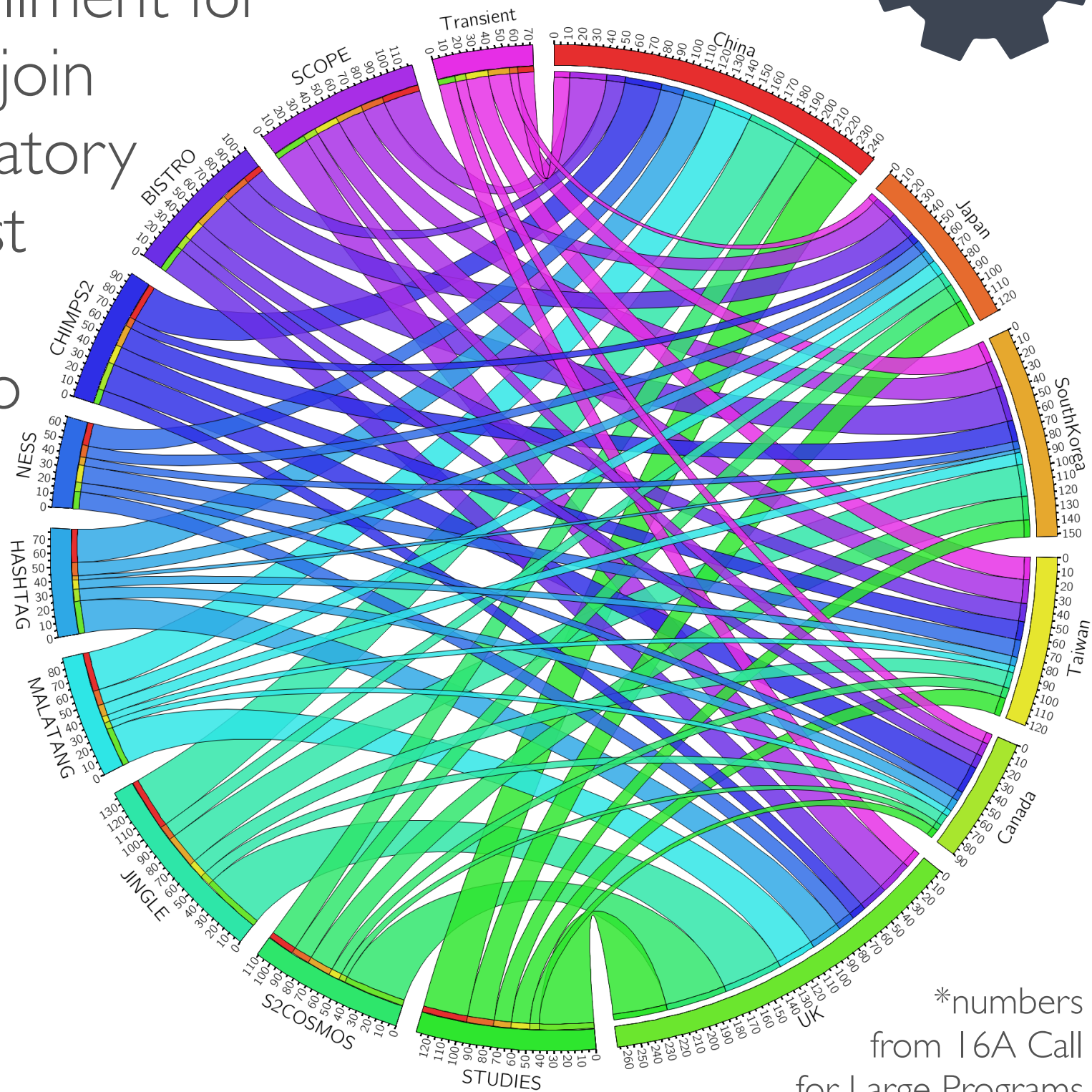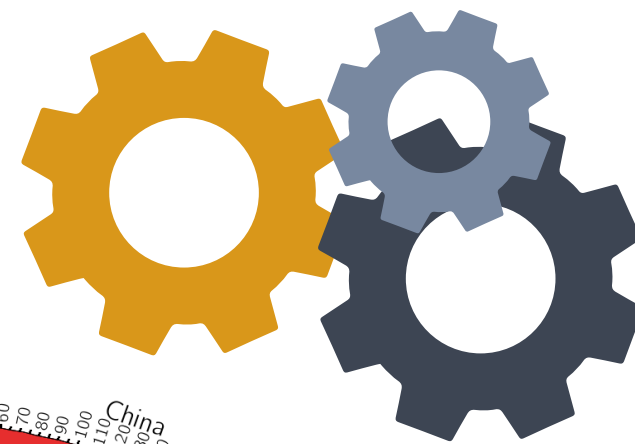
image credit: Dan Baskill

*numbers from 16A Call for Large Programs

NESS

CHIMPS2

JINGLE

MALATANG

Transient

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