Summary

- The JWST Cycle 1 GO/AR deadline was on November 24 2020
  - A total of 1174 submissions were received by this date
  - Extension requests from 29 PIs for 40 proposals – all granted
  - All proposals save one were completed by the extension deadline on December 3 2020
- The 1173 complete proposals include
  - 1084 GO proposals
  - 14 Survey proposals
  - 75 AR proposals
  - 374 proposal led by ESA PIs (31.9%)
  - 44 proposals led by Canadian PIs (3.8%)
  - 12766 Co-investigators in total
  - 4332 Unique investigators (PI, co-PI & co-I)
- Representation from
  - 44 Countries
  - 45 US states + DC and the Virgin Islands
- TAC meeting is scheduled for February 16-19 (Galactic panels), February 23-26 (Extragalactic panels) & March 1-4 2021 (Executive Committee)
Proposals

- 1084 GO proposals, including
  - 879 Small for ~13170 hours (~4:1)
  - 168 Medium for ~7854 hours (~5:1)
  - 28 Large for ~3530 hours
  - 20 Treasury for ~1820 hours
  - 6 Calibration for ~75 hours
  - 9 Pure Parallel proposals

- 14 Survey proposals for >860 hours

- 75 AR proposals including
  - 39 Regular AR proposals
  - 33 Theory AR proposals
  - 3 Legacy AR proposals
  - 2 Cloud Computing AR proposals
  - 4 Data Science Software AR proposals

(Some proposals are in multiple categories)
Special categories

- Long-term proposals
  - 18 proposals requesting 536 hours in Cycle 2
  - 11 proposals requesting 449 hours in Cycle 3

- Joint JWST-HST proposals
  - 12 proposals requesting 382 hours and 98 HST orbits

- Target of Opportunity proposals
  - 19 disruptive proposals requesting 333 hours
  - 17 non-disruptive proposals requesting 583 hours

- Instrument use by proposal
  - MIRI – 481 proposals (41%)
  - NIRCam – 346 proposals (29.5%)
  - NIRISS – 54 proposals (4.6%)
  - NIRSpec – 566 proposals (48.3%)
Instrument modes – prime only

72.6% spectroscopy
24.9% imaging
2.3% high-contrast

Requested Instrument Modes

- MIRI Medium Resolution Spectroscopy
- MIRI Coronography
- MIRI Imaging
- MIRI LRS
- NIRCam Coronography
- NIRCam Grism TimeSeries
- NIRCam Imaging
- NIRCam TimeSeries
- NIRCam WFSS
- NIRISS Imaging
- NIRISS AMI
- NIRISS SOSS
- NIRISS WFSS
- NIRSpec BrightObject TimeSeries
- NIRSpec Fixed Slit Spectroscopy
- NIRSpec IFU Spectroscopy
- NIRSpec MOS
Personnel

- Overall,
  - 13939 investigators, including 4332 unique investigators [3593 in HST 28]
    - 2347 investigators have been on a past HST proposal
    - **1985 investigators have not been on a past HST proposal**
  - 1173 PIs, including 932 unique investigators from 27 countries, 35 states and DC [1077]
  - 455 Co-PIs from 24 countries and 35 states
  - 12766 co-Is, including 4182 unique investigators from 44 countries, 45 US states, DC and the Virgin Islands [7709, 3414 unique in HST 28]

- ESA
  - 374 PIs (31.9%) on 367 GO, 1 AR and 6 Surveys
  - 148 Co-PIs (33.3%) and 5019 Co-I (39.3%)

- Canada
  - 44 PIs (3.8%) on GO programs
  - 19 Co-PIs (4.3%) and 378 (3.0%) Co-Is

- Gender
  - 31.5% of the proposals have female PIs [28.5% in HST 28]
    - Binary estimate based on publicly available information
Seniority

JWST Cycle 1 Principal Investigators skew towards more junior demographics than for HST Cycle 28

- Median year of PhD = 2010 versus 2008 for HST Cycle 28
- 122 student PIs (10.4%) versus 97 (9%) for HST Cycle 28
Summary

• The JWST Cycle 1 GO/AR deadline was on November 24 2020
  • A total of 1174 submissions were received by this date
  • Extension requests from 29 PIs for 40 proposals – all granted
  • All proposals save one were completed by the extension deadline on December 3 2020

• The 1173 complete proposals include
  • 1084 GO proposals for ~24,500 hours, ~4:1 oversubscription
  • 14 Survey proposals for at least 860 hours
  • 75 AR proposals (including theory, cloud computing, data analysis tools)
  • 374 proposal led by ESA PIs (31.9%)
  • 44 proposals led by Canadian PIs (3.8%)
  • 12766 Co-investigators in total – ~50% more than HST Cycle 28
  • 4332 Unique investigators (PI, co-PI & co-I) - ~25% more than HST Cycle 28
    • 1985 investigators have not previously applied for HST time

• Representation from
  • 44 Countries
  • 45 US states + DC and the Virgin Islands

• TAC meeting is scheduled for February 16-19 (Galactic panels), February 23-26 (Extragalactic panels) & March 1-4 2021 (Executive Committee)
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