

COMMUNITY THOUGHTS

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COMMUNITY GOALS

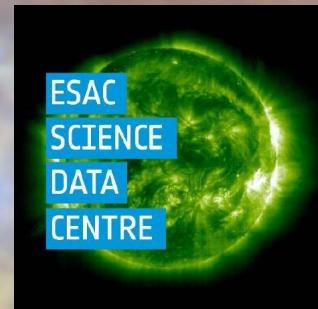
- Attract and maintain a vibrant and diverse community working on all areas of infrared research: theory, modelling, instrumentation, observations, mission planning and development
- Take advantage of observing time and archival data from upcoming missions and projects: JWST, Rubin Observatory, Euclid, SPHEREx, Roman, etc and archival data from past/on-going missions: Spitzer, Herschel, Hubble, SOFIA etc.
- Effectively advocate for new opportunities: grants, instruments, missions
- Support the wide spectral spread from near-infrared to sub-mm with a range of technology development benefiting a wide array of scientific questions and themes

INFRARED OUTLOOK

Major Missions



Archival Data



DIVERSITY AND INCLUSION

- Infrared astronomy, as with the rest of astronomy, needs to actively work to broaden the diversity of our community
 - Requires active effort from everyone
 - Start with students
- Resources
 - AAS Committee on the Status of Minorities in Astronomy: <https://aas.org/comms/csma/resources>
 - American Physical Society Inclusion, Diversity and Equity Alliance: <https://www.aps.org/programs/innovation/fund/idea.cfm>
 - AstroBetter compilation: <https://www.astrobetter.com/wiki/Diversity>

OPPORTUNITIES FOR COMMUNITY PARTICIPATION

- Committees
 - Infrared astronomy is part of all three NASA program areas and each has a Program Analysis Group: COPAG, ExoPAG, PhysPAG
 - Consider involvement with a Science Interest Group (SIG)
 - Serve as a grant/time allocation panelist
 - Rotation at NASA or NSF

POST DECADAL

- If Origins Space Telescope (OST) is selected
 - Celebrate
 - Get the IR community involved in detailed mission design and technology development
- If OST is not selected
 - Probes
 - Need to assemble a range of possibilities covering different science areas, taking advantage of work done for OST
 - Examples: NASA selected studies (Galaxy Evolution Probe, Cosmic Dawn Intensity Mapper) and other concepts (ATLAS, etc)
 - Keep targeting MIDEX, SMEX, Small/Cube Sat and other existing opportunities
 - Critical to maintain a healthy program in instrument and detector development, as well as technology exploration and maturation