

Building Synergies across the IR: JWST, Roman, ALMA and Future Far-IR Observatories

Leadership Council Co-Chairs:

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IRSTIG AAS Splinter Session

January 10, 2023

What is theIRSTIG?

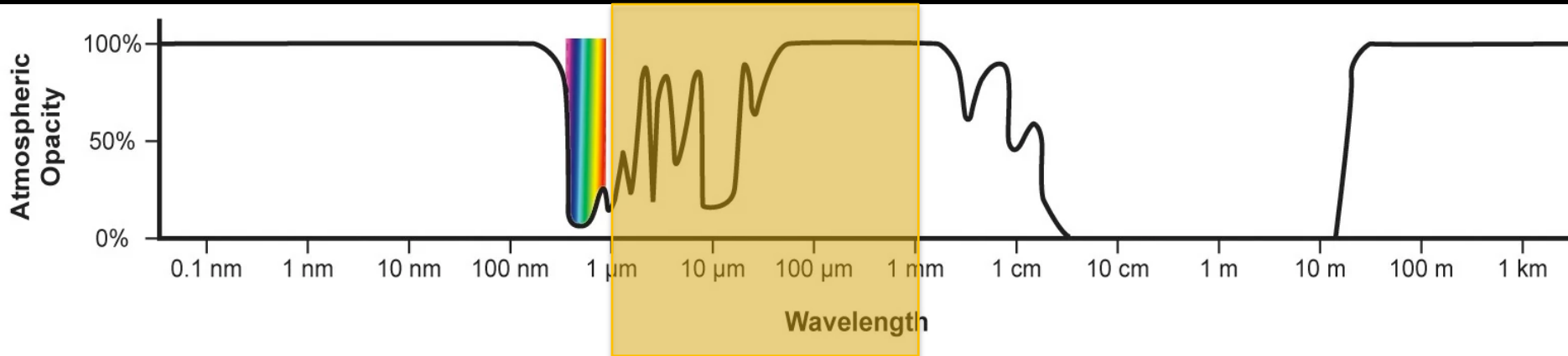
This Infrared Science Interest Group (IR SIG) was originally constituted in 2002 and works with the Cosmic Origins Program Analysis Group (COPAG) Executive Committee and NASA headquarters to collect community input on the long-term objectives of infrared astronomy and enhance the voice of IR astronomy within the broader astronomical community.

The group was recently reconstituted as the Infrared Science and Technology Integration Group (IR STIG) following the Astro2020 Decadal in order to better interface between both the scientific drivers and technological requirements as our community leverages existing facilities and works to develop new platforms.

Website: <https://cor.gsfc.nasa.gov/sigs/irstig.php>



What wavelengths and facilities do we cover?



Cover the entirety of the infrared and submillimeter from roughly 1 μm to 1 mm

Advocate for facilities that operate at these wavelengths including...
JWST, Roman, ALMA, SPHEREx, SOFIA, and potential future far-infrared
probes and great observatory

What do we do?

Monthly Webinars

Combines science and technology talks on Zoom and occurs on the first Monday of every month

Workshops

Hosted 'Astro2020 and IR Astrophysics: Planning for the Next Decade' workshop in Boulder, CO
March 30 – April 1, 2022 with more than 100 participants

Biannual Newsletter

Presents recent science, technology, and mission development highlights along with a list of upcoming events

Community Advocacy

NASA Precursor Science Workshop
SOFIA petition to NASA Headquarters
Review articles and white papers
Splinter sessions at AAS meetings

Who is on the Leadership Council?

Name	Affiliation	Email
Stacey Alberts	University of Arizona	salberts@Arizona.edu
Jake Connors	NIST-Boulder	jake.connors@nist.gov
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How do you get involved?

Join our mailing list

Instructions are available here:

https://cor.gsfc.nasa.gov/sigs/irsig/maillist/irsig_maillist.php

Follow us on Twitter

Follow [@ir_stig](https://twitter.com/ir_stig)

Apply to join the Leadership Council

Look out for a call for new members in Summer 2023

Attend our webinars

Hosted the first Monday of every month at 3pm Eastern on Zoom

<https://cuboulder.zoom.us/j/253754929> (password: irsig)



What is the schedule for this session?

Time	Speaker	Talk Topic
09:00am – 09:05am	Jake Connors + Meredith MacGregor	Introduction to the IRSTIG
09:05am – 09:15am	Dominic Benford	Roman Space Telescope
09:15am – 09:25am	Lee Mundy	SPICE Probe Concept
09:25am – 09:35am	Rachel Akeson	Synergies with SPHEREx
09:35am – 09:45am	Jason Glenn	PRIMA Probe Concept
09:45am - 09:55am	Joaquin Viera	FIR Surveys for Galaxy Evolution
09:55am – 10:05am	Asantha Cooray	FIRSST Probe Concept
10:05am – 10:15am	Enrique Lopez Rodriguez	Polarimetry with SOFIA and ALMA
10:15am – 10:25am	Chris Walker	SALTUS Probe Concept
10:25am – 10:35am	Douglas Scott	NIR and FIR Star Formation Tracers
10:35am – 11:00am	Community Discussion and Questions	