Infrared Astrophysics Workshop 2022 Program

	Wed March 30	Thurs March 31	Fri April 1
8:00 AM 8:20 AM 8:40 AM	**Breakfast & Discussion** (8:00-9:00 AM) *Breakfast Provided!*	**Breakfast & Discussion** (8:00-9:00 AM) *Breakfast Provided!*	**Breakfast & Discussion** (8:00-9:00 AM) *Breakfast Provided!*
9:00 AM	**Welcome** (9:00-9:10 AM)	**Chris Walker** - *Single Aperture Large Telescope for Universe Studies (SALTUS)* (9:00-9:30 AM)	**Margaret Meixner** - *SOFIA Opportunities for Astro2020 Priorities* (9:00-9:20 AM)
9:20 AM	**Dominic Benford -** *Planning for Astrophysics in the 2020s and beyond* (9:10-9:40 AM)		**Tirupati Kumara Sridharan** - *Sub-mm VLBI with SOFIA and Suborbital Platforms: Testing GR through M87 SMBH Photon Ring Detection* (9:20-9:40 AM)
9:40 AM	**Jeanette Domber -** *Ball Aerospace Overview, From Jars to IR* (9:40-10:00 AM)	**Jason Glenn** - *Science and Mission Concept for the PRIMA Far-Infrared Probe* (9:30-10:00 AM)	**Bernhard Schulz** - *A German/European SOFIA Instrumentation Effort* (9:40-10:00 AM)
10:00 AM	**Coffee Break** (10:00-10:20 AM)	**Coffee Break** (10:00-10:20 AM)	**Coffee Break** (10:00-10:20 AM)
10:20 AM	**Jed McKinney** - *Heating and Cooling in the Interstellar Medium of Dusty Galaxies* (10:20-10:40 AM)	**Asantha Cooray** - *FIRSST: Overview of the Far-Infrared Spectroscopy Space Telescope Probe Concept* (10:20-10:50 AM)	**Small Group Workshop** (10:20-11:00 AM)
10:40 AM	**Johannes Staguhn** - *Detector developments for Mid- and Far-Infrared Instruments for Future Missions* (10:40-11:00 AM)		
11:00 AM	**Laura Sommovigo** - *Newborn but dusty: the puzzle of EoR galaxies* (11:00-11:20 AM)	**Dave Leisawitz** - *The Space Infrared Interferometric Telescope (SPIRIT): A Far-IR Probe Candidate* (10:50-11:20 AM)	**Jordan Wheeler** - *Broadband Kinetic Inductance Detectors for Far-IR Observations* (11:00-11:20 AM)
11:20 AM	**Mike DiPirro** - *A Far-IR Technology Roadmap Derived from the Origins Flagship Study* (11:20-11:40 AM)	**Probe Discussion** (11:20AM-12:00PM)	**Roberta Paladini** - *On the Origin of the Initial Mass Function and the Importance of Near and Far-IR measurements* (11:20-11:40 AM)
11:40 AM	**Poster Flash Talks** (11:40 AM -12:00 PM)		**Reinier Janssen** - *Large arrays of high-sensitivity Kinetic Inductance Detectors for the Terahertz Intensity Mapper* (11:40 AM-12:00 PM)
12:00 PM 12:20 PM 12:40 PM	**Lunch** (12:00-1:30 PM)	**Lunch** (12:00-1:30 PM)	**Lunch** (12:00-1:30 PM)
1:00 PM 1:20 PM			
1:40 PM	**Emily Barrentine** - *Integrated On-Chip Spectrometers for Future Longwave Far-Infrared Space Missions* (1:30-1:50 PM)	**Matt Bradford** - *Instrumentation and Technology for PRIMA: a Far-Infrared Astrophysics Probe* (1:30-1:50 PM)	**Sae Woo Nam** - *Superconducting Nanowire Single Photon Detectors for Mid-Infrared Spectroscopy* (1:30-1:50 PM)
2:00 PM	**Tom Megeath** - *Far-IR studies of Mass Accretion and Feedback Toward Low Mass Protostars* (1:50-2:10 PM)	**Meredith MacGregor** - *A New Window on Planet Formation with Far-Infrared Spectroscopy* (1:50-2:10 PM)	**Gordon Stacey** - *Silcon substrate-based Resonant Spectrometers* (1:50-2:10 PM)
2:20 PM	**Philip Mauskopf** - *Space qualified FPGA based readout electronics for superconducting detector arrays* (2:10-2:30 PM)	**Small Group Workshop** (2:10-3:10 PM)	**Imran Mehdi & Martina C. Wiedner** - *Heterodyne Technology for Future Space Missions* (2:10-2:30 PM)
2:40 PM	**Small Group Workshop** (2:30-3:10 PM)		**Large Group Workshop** (2:30-3:30 PM)
3:00 PM			
3:20 PM	**Cookie Break** (3:10-3:40 PM)	**Cookie Break** (3:10-3:40 PM)	
3:40 PM	**Jens Kauffmann** - *Paradigm-Shifts in Mission Design enabled by the SpaceX Starship* (3:40-4:00 PM)	**Kevin Stevenson** - *Eyes on the PIE: Using Planetary Infrared Excess to Study the Nearest Potentially-Habitable Exoplanets* (3:40-4:00 PM)	**Workshop Wrap-up** (3:30-4:00 PM)
4:00 PM	**Ella Sciamma-O'Brien** - *On the Importance of Producing and Characterizing Laboratory Analogs of Cosmic Grains, Planetary Atmospheric Aerosols, and Surface Material* (4:00-4:20 PM)	**Avi Mandell** - *MIRECLE: Mid-IR Concept to Study Non-Transiting Rocky Planets Orbiting the Nearest M-Stars* (4:00-4:20 PM)	
4:20 PM 4:40 PM	**Large Group Workshop** (4:20-5:30 PM)	**Large Group Workshop** (4:20-5:00 PM)	
5:00 PM 5:20 PM		**Social Event @ Spirit Hound** Leave Williams Village @ 5:00 PM Return to Williams Village @ 9:30 PM	