

SOFIA School 2022

Understanding mid and far-IR data.



February 2: The Landscape of mid-far IR / Measuring Flux, SED and line Brightness

Duration	Time: PST	Time: CET	Time: IST	Speaker (Affiliation)	Presentation Title
30	8:00 AM	5:00 PM	9:30 PM	Margaret Meixner (SOFIA)	The Landscape of mid-far IR Data and Observatories
30	8:30 AM	5:30 PM	10:00 PM	Luisa Rebull (IPAC)	Quick Look Through IRSA
10	9:00 AM	6:00 PM	10:30 PM	Break	
30	9:10 AM	6:10 PM	10:40 PM	Emma Beasor (NoirLAB)	Determining Stellar Parameters with FORCAST
20	9:40 AM	6:40 PM	11:10 PM	Skarleth Motino-Flores (SOFIA)	Nearby Galaxies Photometry, SED Modeling and Dust Temperature
15	10:00 AM	7:00 AM	11:30 PM	Dario Fadda (SOFIA)	Telluric absorption at FIFI-LS wavelengths
10	10:15 AM	7:15 AM	11:45 PM	Break	
30	10:25 AM	7:25 AM	11:55 AM	Jessica Sutter (SOFIA)	Comparing [CII] to Important ISM Indicators
30	10:55 AM	7:55 AM	12:25 AM	Melanie Chevance (Heidelberg)	Multi-phase structure and physical conditions of the low-Z ISM



February 3: Dust: Morphology, Spectroscopy, Polarimetry

<i>Duration</i>	<i>Time: PST</i>	<i>Time: CET</i>	<i>Time: IST</i>	<i>Speaker (Affiliation)</i>	<i>Presentation Title</i>
30	8:30 AM	5:30 PM	10:00 PM	Chick Woodard (U Minn.)	Grism Spectroscopy in a Star's Environment, Dust Mineralogy
30	9:00 AM	6:00 PM	10:30 PM	Matt Hankins (Arkansas Tech)	Morphology of Dust in the Galactic Center,
10	9:30 AM	6:30 PM	11:00 PM	Break	
30	9:40 AM	6:40 PM	11:10 PM	Sachin Shenoy (SOFIA)	How to Understand HAWC+ Data
30	10:10 AM	7:10 PM	11:40 PM	Terry Jones (U Minn)	Observing Magnetic Fields with Interstellar Polarization
10	10:40 AM	7:40 PM	12:10 PM	Break	
30	10:50 AM	8:50 PM	12:20 AM	Jordan Guerra (Villanova)	What polarimetric data can tell us -- Magnetized Turbulence



February 4: Gas in the ISM: Composition and Kinematics Structure

<i>Duration</i>	<i>Time: PST</i>	<i>Time: CET</i>	<i>Time: IST</i>	<i>Speaker (Affiliation)</i>	<i>Presentation Title</i>
30	8:00 AM	5:00 PM	9:30 PM	Curtis De Witt (SOFIA)	How to Recognize and Calibrate out Artifacts from Terrestrial Contribution Aat EXES Wavelengths.
30	8:30 AM	5:30 PM	10:00 PM	Archana Soam (IIA) / Janik Karoly (UCL)	Rotational Ladder in IC63
10	9:00 AM	6:00 PM	10:30 PM	Break	
30	9:10 AM	6:10 PM	10:40 PM	David Neufeld/Arshia Jacob (Johns Hopkins)	Determining Column Densities from Absorption Line Spectroscopy
30	9:40 AM	6:40 PM	11:10 PM	Juan Luis Verbena (University of Cologne)	Understanding GREAT data products
10	10:10 AM	7:10 AM	11:40 PM	Break	
30	10:20 AM	7:20 PM	11:50 PM	Maitraiye Tiwari (UMD)	Kinematics in Massive Star Forming Regions
30	10:50 AM	7:50 PM	12:20 AM	William Reach (SOFIA)	Velocity-Resolved Spectroscopy of Shocks