



SOFIA School 2023: Understanding Mid- and Far-IR Data

April 18–21, 2023

Tuesday, April 18 Far-Infrared Cooling Line Observations in Galaxies/FIFI-LS		
Time (Pacific)	Speaker (Affiliation)	Presentation Title
7:30–8:15am	Jessica Sutter (UCSD)	FIR Cooling Lines
8:15–9:00am	Dario Fadda (SOFIA/USRA)	Data reduction and analysis of FIFI-LS data
9:00–9:30am	30 minute break	
9:30–10:30am	Gary Ferland (Kentucky)	Theory/Background Talk
10:30–11:00am		Q&A
Wednesday, April 19 Far-Infrared Polarization Observations/HAWC+ & the Magnetic Field in the ISM		
Time (Pacific)	Speaker (Affiliation)	Presentation Title
7:30–8:30am	Martin Houde (Western)	Interstellar magnetic fields
8:30–8:45am	William Reach (SOFIA/USRA)	SOFIA Archive and Website
8:45–9:00am	15 minute break	
9:00–9:45am	Valentin Le Gouellec (NPP/NASA)	Far-IR dust polarization observations: HAWC+ and the magnetic field in the ISM
9:45–10:30am	David Chuss (Villanova)	HAWC+ Data Reduction
10:30–11:00am		Q&A
Thursday, April 20 High-Resolution Mid-Infrared Spectroscopy/EXES & Molecular Line Spectroscopy		
Time (PDT)	Speaker (Affiliation)	Presentation Title
7:30–8:30am	David Neufeld (JHU)	What we can learn from molecular spectroscopy of astronomical sources
8:30–9:00am	30 minute break + Q&A (with David Neufeld)	
9:00–9:45am	Sarah Nickerson (BAERI/NASA)	Analysis of Molecular Spectra with SOFIA/EXES
9:45–10:30am	Ed Montiel (SOFIA/USRA)	Getting Started with EXES Data
10:30–11:00am		Q&A
Friday, April 21 High Resolution FIR Spectroscopy/upGREAT & Photodissociation Regions		
Time (Pacific)	Speaker (Affiliation)	Presentation Title
7:30–8:15am	Lars Bonne (SOFIA/USRA)	The analysis of high spectral resolution observations in the far-infrared
8:15–9:00am	Ronan Higgins (Cologne)	GREAT data reduction
9:00–9:30am	30 minute break	
9:30–10:15am	Mark Wolfire (UMD)	Stars, Cars, and PDRs
10:15–10:40am	Marc Pound (UMD)	The PhotoDissociation Region Toolbox
10:40–11:00am		Q&A and Concluding Remarks