

Daily Schedule

Monday, October 17, 2016

Start Time	Duration (minutes)	Topic	Presenter
8:30	15	Welcome & Introduction	Hal Yorke, Erick Young, Pam Marcum, Kartik Sheth
8:45	45	Theoretical Perspectives	Ralf Klessen
9:30	20	What FIREs Up Star Formation: the Emergence of the Kennicutt-Schmidt Law from Feedback	Matthew Orr
9:50	20	The Role of Cosmic Rays in Tracing Molecular Gas in Galaxies	Thomas Bisbas
10:10	20	Break	
10:30	45	Observational Basis	Charlie Lada
11:15	30	Low Mass Star Formation in the Diverse Environments of Orion: Result from the Herschel Orion Protostar Survey	Tom Megeath
11:45	20	What Does Polarization Really Measure?	B-G Andersson
12:05	120	Lunch	
14:05	45	ISM Phases: Heating and Cooling	Xander Tielens
14:50	30	Far-infrared Fine Structure Cooling in Dark Molecular Clouds	Sarah Ragan
15:20	20	[CII] 158 μm Self-absorption and Optical Depth Effects: M17SW	Cristian Guevara
15:40	30	Break	
16:10	30	What are We Learning from Galactic Fine Structure Lines?	Paul Goldsmith
16:40	30	Tracing CO-dark Gas in Galaxies	Diane Cormier
17:10	30	SOFIA Capabilities	Erick Young
18:00	60	Dinner	
19:00	120	Reception	

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Start Time	Duration (minutes)	Topic	Presenter
8:30	45	Chemistry of the Interstellar Medium	David Neufeld
9:15	20	EXES Observations of CH ₄ and SO ₂ toward Massive Young Stellar Objects	Adwin Boogert
9:35	20	The Cold Interstellar Medium Traced by the Largest Bound Atoms in Space	Pedro Salas
9:55	20	Break	
10:15	45	Cloud and Filament Support	Edith Falgarone
11:00	30	SOFIA Follow-ups of Massive Clumps from the ATLASGAL Galactic Plane Survey	Friedrich Wyrowski
11:30	30	HAWC+ and Magnetic Fields	Darren Dowell
12:00	120	Lunch	
14:00	45	Disks	Uma Gorti
14:45	30	A Far-IR Determination of Gas Mass and Carbon Depletion in Protoplanetary Disks	Melissa McClure
15:15	30	Velocity Resolved [OI] 63 micron Line Emission in Proto-planetary Disks	Göran Sandell
15:45	30	Break	
16:15	30	Variable Accretion in Protostars	Klaus Hodapp
16:45	30	Investigating Accretion Variability Onto Deeply Embedded Protostars: A Tool for Measuring Accretion Processes Within Protostellar Disks	Doug Johnstone
17:15	30	The Unique Outburst from S255IR-NIRS3 — Clues for High-mass Star Formation	Bringfried Stecklum
18:00	90	Dinner	
19:30	45	Historical Review of Airborne Astronomy	Ed Erickson, Eric Becklin

Daily Schedule

Wednesday, October 19, 2016

Start Time	Duration (minutes)	Topic	Presenter
8:30	45	High Mass Star Formation	Jonathan Tan
9:15	20	The Location, Clustering, and Propagation of Massive Star Formation in Giant Molecular Clouds	Bram Ochsendorf
9:35	30	FORCAST Studies of High-Mass Star Formation on Small and Large Scales	Jim De Buizer
10:05	20	Break	
10:25	45	Feedback	John Bally
11:10	20	Feedback and Accretion Toward Proto-O-stars	Adam Ginsburg
11:30	30	Chemical Feedback	Helmut Wiesemeyer
12:00	120	Lunch	
14:00	45	Galactic Center	Mark Morris
14:45	30	The Circumnuclear Disk around Sgr A* — Observations with FIFI-LS	Alfred Krabbe
15:15	30	Investigating Dust Production and Survival with SOFIA and Beyond	Ryan Lau
15:45	30	Break	
16:15	30	FIR-line Spectroscopy of S106 with GREAT/SOFIA as a Versatile Diagnostic Tool for the Evolution of Massive Stars	Nicola Schneider
16:45	30	Turbulence and Reconnection Diffusion	Alex Lazarian
17:15	30	SPICA and its Instruments in the ESA Cosmic Vision M5 Competition	Frank Helmich
18:00	90	Dinner	
19:30	45	Synergies	Karl Menten

Daily Schedule

Thursday, October 20, 2016

Start Time	Duration (minutes)	Topic	Presenter
8:30	45	Exploring ISM and Star Formation Physics in the LMC and SMC in the SOFIA Era	Julia Roman-Duval
9:15	20	Multi-Wavelength Analysis of the Most Luminous Young Stellar Object in the Large Magellanic Cloud	Omnarayani Nayak
9:35	20	SOFIA/GREAT Observation of LMC-N11: Does [CII] Trace Regions with a Large Molecular Gas Fraction?	Vianney Lebouteiller
9:55	20	Break	
10:15	30	Probing the Large-Scale Multiphase ISM in an Extreme Star Forming Low-metallicity Environment: 30 Doradus in the LMC	Sue Madden
10:45	45	External Galaxies	Gordon Stacey
11:30	20	FIFI-LS Observations of M82	Christian Fischer
12:00	120	Lunch	
14:00	30	Unraveling the Evolution of the Interstellar Medium and Star formation in the M51 Grand-design Spiral Galaxy with SOFIA	Jorge Pineda
14:30	20	The Origin of Cold Gas in Giant Elliptical Galaxies and Its Role in Fueling Radio-mode AGN Feedback	Norbert Werner
14:50	30	The High-Resolution Mid-infrared Spectrometer (HIRMES): a Third Generation Instrument for SOFIA	David Neufeld
15:20	30	Break	
15:50	45	Synthesis	Mike Werner, Hal Yorke
16:35	30	Open Discussion Session: SOFIA 4th Generation Instrument	Kartik Sheth
17:05	30		
18:00	90	Dinner	