

Kavli-IAU Workshop on Global Coordination Probing the Universe From Far-infrared to Millimeter Wavelengths: Future Facilities and their Synergies

Hameetman Auditorium, Cahill Center for Astronomy and Astrophysics, Caltech

*Talk lengths: 40=30+10 and 30=25+5
Panels start with 5 minutes/panelist followed by Q&A with audience*

Tuesday, March 26, 2024

Time	Title	Speaker
8:00 AM	<i>Morning Coffee and Tea</i>	
8:30 AM	Welcome and Plan of Workshop	SOC
9:00 AM	Large Facilities: Landscape to 2040	Ewine van Dishoeck
9:45 AM	ALMA: Today Through 2040	Liz Humphreys
10:25 AM	<i>Break</i>	
10:45 AM	Ground-based submm: Panel Discussion (Moderator: Ilse Cleeves)	Geoffrey Bower, John Carpenter, Bert Hawkins, Satoru Iguchi, Laura Perez, Karl Schuster
12:00 PM	<i>Lunch (Box lunch provided)</i>	
1:00 PM	Far-IR Space Missions	Matt Griffin
1:40 PM	Far-IR Missions: Panel Discussion (Moderator: Kentaro Motohara)	Hanae Inami, Guilaine Lagache, Meredith MacGregor, Alex Pope, Marc Sauvage, Justin Spilker, Eric Switzer
2:55 PM	<i>Break</i>	
3:15 PM	ngVLA	Eric Murphy
3:45 PM	CMB-S4	Joaquin Viera
4:15 PM	<i>Break</i>	
4:35 PM	Ground-based Projects: Panel Discussion (Moderator: Alberto Bolatto)	Itziar Aretxaga, Scott Chapman, Claudia Cicone, Akira Endo, Yoichi Tamura
5:50 PM	<i>Adjourn</i>	
6:00 PM	<i>Mingle and Dinner in Dabney Lounge</i>	

Wednesday, March 27, 2024: Science Opportunities

Time	Title	Speaker
8:00 AM	<i>Morning Coffee and Tea</i>	
8:30 AM	Announcements	SOC/LOC
8:40 AM	Astrochemistry	Brett McGuire
9:10 AM	Star Formation	Thomas Henning
9:40 AM	Disks	Karin Oberg
10:10 AM	<i>Break</i>	
10:30 AM	Planet Formation + Exoplanets	Stefano Facchini
11:00 AM	Solar System	Katherine de Kleer & Stefanie Milam
11:30 AM	Time Domain	Doug Johnstone

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Wednesday, March 26, 2024: Science Opportunities (continued)

Time	Title	Speaker
12:00 PM	<i>Lunch (Box lunch provided)</i>	
1:00 PM	ISM At All Scales: Panel Discussion (Moderator: Pat Roche)	Ted Bergin, Brandon Hensley, James Chibueze, Monica Rubio, Daniel Harsono, Amiel Sternberg
2:15 PM	<i>Break</i>	
2:35 PM	Galaxies Not So Far	Karin Sandstrom
3:05 PM	Galaxies Very Far	Rodrigo Herrera-Camus
3:35 PM	Galaxies: Environments and Ecosystems	Seiji Fujimoto
4:05 PM	<i>Break</i>	
4:25 PM	Galaxies and Cosmology: Panel Discussion (Moderator: Daniel Dale)	Kotaro Kohno, Enrique Lopez- Rodriguez, Eva Schinnerer, JD Smith, Gordon Stacey
5:40 PM	<i>Adjourn</i>	
6:00 PM	<i>Mingle and Dinner at the Athenaeum</i>	

Thursday, March 28, 2024: The Path Forward

Time	Title	Speaker
8:00 AM	<i>Morning Coffee and Tea</i>	
8:30 AM	Organization and Logistics	SOC
8:45 AM	Break-out Sessions <ul style="list-style-type: none"> • High-Res: ALMA, ngVLA • Deep: Far-IR Space • Broad: CMS-S4, other ground 	SOC & TBD
10:15 AM	<i>Break</i>	
10:45 AM	Break-out Session Reports	SOC
11:30 AM	Group Discussion (Moderator: Ewine van Dishoeck)	All
12:30 PM	SOC Plan Forward	SOC
12:45 PM	<i>Adjourn Main Workshop and Lunch (Box lunch provided)</i>	
1:45 PM	SOC Work Session to assemble key points/conclusions/recommendations, draft report	
4:45 PM	<i>Adjourn SOC Work Session</i>	