



Monday, March 27, 2023 - Keck Center - Think Tank, Room 155

Time	Event	Speaker
7:45 - 8:30	Institute opens early for workshop check in, SHOW PROOF OF VACCINATION, take your rapid test, affirm you are not symptomatic nor have had contact with anyone who is, pick up badge and welcome packet, find seat in the Think Tank	
8:30 - 9:00	Coffee and Breakfast at Keck Center (on courtyard only)	
9:00 - 9:30	Workshop Logistics	Michele Judd
9:30 - 10:00	Participant Introductions - Brief 30 Second Introduction	Michele Judd
10:00 - 10:30	Recap of Workshop #1: Ongoing Vision for Study (20 min) and Discussion (10 min)	Team Leads Mike Malaska
10:30 - 11:00	Break	
11:00 - 12:30	Working Group Report-Outs (10 minutes each) <ul style="list-style-type: none"> - Deep UV in Biology - Examine LIDAR / sidewall mapping - Scanning rates, throughput of initial characterization - Converting 3D images to 2D info - Review microsampling state of the art - Microsampling device for life detecting instrument - Sampling at high pressure - List of ice collections and places to work on ice; repositories and facilities - Key experiments 	Working Group Representatives
12:30 - 2:00	Group Picture and KISS Group Lunch at the Athenaeum	
2:00 - 2:30	"Why Microhabitats?"	Aaron Noell
2:30 - 3:30	Breakout #1: Why Microhabitats? Why do we want to do this? <i>Each working group will develop one or two sentence(s) summary of their "Why?".</i> Working Group 1 - Robotics Development & Sampling Working Group 2 - Instrumentation Developments Working Group 3 - Science Development (Ocean Worlds & Mars)	All
3:30 - 4:00	Break	
4:00 - 4:30	Report out from breakout groups (10 minutes each)	Groups
4:30 - 5:15	Finalize Workshop Goals: Merging the compelling "why" statements of each working group into a group summary statement of "Why Microhabitats?"	All Mike Malaska

5:15 - 5:30	Recap and Discuss Direction for Day 2	All Heather Graham
5:30	KISS Group Dinner at the Keck Center (Food Truck)	

Tuesday, March 28, 2023 - Keck Center - Think Tank, Room 155

Time	Event	Speaker
8:00 - 8:30	Institute Opens - FREE THINK TIME Check in, affirm you are not symptomatic nor have had contact with anyone who is	
8:30 - 9:00	Enjoy coffee and breakfast in the Keck Center courtyard	
9:00 - 9:15	Logistics and Team Lead Goals for the Day	Michele Judd and Team Leads
9:15 - 9:45	Analog Field Site Assessment	Heather Graham
9:45 - 10:00	Discuss breakout topics and determine working groups for Breakout # 2: "Why Microhabitats?" - Ocean Worlds	All
10:00 - 10:30	Break	
10:30 - Noon	Breakout # 2: Working Group 1 - Robotics Development & Sampling Working Group 2 - Instrumentation Developments Working Group 3 - Science Development	Groups
Noon - 12:30	Report out from breakout groups (10 minutes each)	Groups
12:30 - 2:00	KISS Group Lunch at the Athenaeum	
2:00 - 2:30	Real-time anomaly detection using local and global similarity metrics, an analysis of analogue samples and simulated data	Daniel Van Hoesen
2:30 - 3:00	Discuss Field Testing Development and determine working groups for Breakout # 3	All
3:00 - 3:30	Break	
3:30 - 3:45	Selection of initial breakout groups	All
3:45 - 5:30	Breakout #3 topics: Field Testing Development Working Group 1 - Robotics Working Group 2 - Instrumentation Working Group 3 - Science & Data Analysis	Groups
5:30 - 5:45	Solicitation & Selection of Lightning Talks for Day 3 - Mars Ice	All
5:45 - 6:00	Recap and Discuss Direction for Day 3	Charity Phillips-Lander
6:00	Dinner on your own	

Wednesday, March 29, 2023 - Keck Center - Think Tank, Room 155

8:00 - 8:30	Institute Opens - FREE THINK TIME Take your rapid test if you did not take it in your hotel or at home , check in, affirm you are not symptomatic nor have had contact with anyone who is	
8:30 - 9:00	Enjoy coffee and breakfast in the Keck Center courtyard	
9:00 - 9:15	Logistics and Team Lead Goals for the Day	Michele Judd and Team Leads
9:15 - 9:45	Report out from breakout groups (10 minutes each)	Groups
9:45 - 10:00	Group pulse	Charity Phillips-Lander
10:00 - 10:30	Break	
10:30 - 10:45	(2) Lightning Talks - Mars Ice	TBD
10:45 - 12:30	Mars breakout session	All
12:30 - 1:15	KISS Group Lunch at Keck Center	
1:15 - 1:45	Breakout session group report outs	Breakout Teams
1:45 - 3:15	Final report draft outline - presented by team leads, discussion by group, sign-ups	Team Leads
3:15 - 4:15	Writing Session #1	Groups
4:15 - 4:30	Pack up and walk to lecture at Guggenheim Laboratory	All
4:30 - 5:00	Refreshments at Lees-Kubota Lecture Hall	All
5:00 - 6:00	OPEN TECHNICAL LECTURE: Amanda Stockton - Georgia Tech Field Exploration and Life Detection Sampling through Planetary Analogue Research (FELDSPAR)	All
6:00	KISS Group Dinner at the Athenaeum	

Thursday, March 30, 2023 - Keck Center - Think Tank, Room 155

8:00 - 8:30	Institute Opens - FREE THINK TIME Take your rapid test if you did not take it in your hotel or at home , check in, affirm you are not symptomatic nor have had contact with anyone who is	
8:30 - 9:00	Enjoy coffee and breakfast in the Keck Center courtyard	
9:00 - 9:15	Logistics and Team Lead Goals for the Day	Michele Judd and Team Leads
9:15 - 10:30	Working groups tag up to discuss path forward with their work	Groups
10:30 - 11:00	Break	
11:00 - 11:15	Selection of initial breakout groups	Groups
11:15 - 12:30	Breakout Groups determined from morning plenary discussion Working Group 1 Working Group 2 Working Group 3	Groups
12:30 - 2:15	Lunch on your own	
2:15 - 2:45	Report out from breakout groups (10 minutes each)	Groups
2:45 - 3:30	Writing Session #2	Groups
3:30 - 4:00	Break	
4:00 - 5:00	Group discussion on major findings of workshop, review of final report status	Groups
5:30	KISS Group Dinner at the Athenaeum	

Friday, March 31, 2023 - Keck Center - Think Tank, Room 155

8:00 - 8:30	Institute Opens - FREE THINK TIME Check in, affirm you are not symptomatic nor have had contact with anyone who is	
8:30 - 9:00	Enjoy coffee and breakfast in the Keck Center courtyard	
9:00 - 9:15	Logistics and Team Lead Goals for the Day	Michele Judd and Team Leads
9:15 - 10:30	Report Imagery breakout sessions	Team Leads
10:30 - 11:00	Break	
11:00 - NOON	Discussion of report imagery, team collaboration plan, advocacy, papers, conferences, etc.	All
NOON - 12:15	Study Program path forward	Michele Judd
12:15 - 1:00	Informal Pizza Lunch at the Institute	
1:00 - 2:30	Writing Session #3	All
2:30 - 3:00	Final Report Discussion and then... its 5PM somewhere...	All
3:00	End of Workshop	