



Targeting Microhabitats for Life Detection

September 19-23, 2022

Overview Schedule

Monday, September 19, 2022
Keck Center Think Tank, Room 155

Short Course: Ocean World Microhabitats - Targeting and Life Detection Techniques
Foundational Interdisciplinary Lectures

Time	Event	Speaker
7:30 - 8:15	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	
8:15 - 8:45	Enjoy coffee and breakfast in the Keck Center courtyard	
8:45 - 9:00	Logistics / Introduction	Charity Phillips-Lander
9:00 - 9:45	Ocean World Microhabitats 101	Mike Malaska
9:45 - 10:30	Microbes of Extreme Environments	Jeff Marlow
10:30 - 11:00	Break	
11:00 - 11:45	Robotic Acquisition Techniques	Kris Zacny
11:45 - 12:30	Geochemistry, Biosignature, Life Detection Techniques	Mary Beth Wilhelm
12:30 - 2:00	Short Course Ends: Lunch at Athenaeum	

Workshop Begins
Keck Center - Think Tank, Room 155

2:00 - 2:30	Workshop Logistics and Introduction to KISS	Janet Seid and Tom Prince
2:30 - 3:00	Participant Introductions	All
3:00 - 3:30	Study vision and goals for this workshop	Team Leads
3:30 - 4:00	Break	
4:00 - 5:00	Finalize study vision and workshop goals via plenary discussion	Team Leads
5:15 - 5:30	Solicitation of Lightning Talks	Team Leads
5:30 - 6:00	Pack up and walk to the Athenaeum	All
6:00	Dinner at the Athenaeum	

Tuesday, September 20, 2022 - 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	Janet Seid and Team Leads
9:15 - 10:00	Special Talk Topic #1: Targeting and Sample Acquisition	Bolek Mellerowicz
10:00 - 10:30	Lightning Talks (2)	TBD by participants
10:30 - 11:00	Break	
11:00 - 11:15	Selection of Breakout Groups and Topics	All
11:15 - 12:30	Breakout Groups Meet	Groups
12:30 - 2:00	Group Picture and Lunch at the Athenaeum	
2:00 - 2:45	Report outs from breakout groups (15 mins each)	Groups
2:45 - 3:15	Lightning Talks (2)	TBD by participants
3:15 - 3:30	Selection of Breakout Groups and Topics	All
3:30 - 4:00	Break	
4:00 - 5:30	Breakout Groups Meet	Groups
5:30 - 7:30	POSTERish SESSION and Informal food truck dinner at the Keck Center (dinner starts at 7:00 pm)	

Wednesday, September 21, 2022 - Keck Center - Think Tank, Room 155

Time	Event	Speaker
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	Janet Seid and Team Leads
9:15 - 9:45	Report Outs from Breakout Groups (10 mins each)	Groups
9:45 - 10:30	Special Topic #2 Talk/Discussion: Sample Transfer and Distribution	Ceth Parker
10:30 - 11:00	Break	
11:00 - 11:45	Lightning talks (3)	TBD by participants
11:45 - 12:30	Plenary Discussion, Selection of Breakout Groups and Topics	All
12:30 - 2:00	Lunch at the Athenaeum	
2:00 - 3:30	Breakout Groups Meet	All
3:30 - 4:00	Break	
4:00 - 4:45	Report outs from breakout groups (15 mins each)	Groups
4:45 - 5:30	Plenary Discussion on Participant Wants and Needs Selection of Next Day's Breakout Groups	All
5:30	Workshop Day #3 Ends	All
6:00	Dinner on your own	

Thursday, September 22, 2022 - 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	Janet Seid and Team Leads
9:15 - 10:00	Special Topic #3 Talk/Discussion: Planetary/Terrestrial Exploration System Constraints	Dale Winebrenner
10:00 - 10:30	Lightning talks (2)	TBD by participants
10:30 - 11:00	Break	
11:00 - 12:30	Breakout Groups Meet	All
12:30 - 2:00	Lunch on your own	
2:00 - 2:30	FREE THINK TIME (individual, or self organizing small groups)	All
2:30 - 3:15	Report outs from breakout groups (15 mins each)	Groups
3:15 - 3:30	Plenary Discussion, Selection of Breakout Groups	All
3:30 - 4:00	Break	
4:00 - 5:30	Break Out Sessions	Groups
5:30	Workshop Day #4 Ends	All
6:00	Dinner at the Athenaeum	

Friday, September 23, 2022 - 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	Janet Seid and Team Leads
9:15 - 10:00	Breakout Groups Report Out	All
10:00 - 10:30	Open Discussion of Breakout Group Recommendations and Path Forward to the Second Workshop	All
10:30 - 11:00	Break	
11:00 - 12:15	Open Discussion of Breakout Group Recommendations and Path Forward to the Second Workshop - action items assigned, etc.	All
12:15 - 12:30	Workshop Closeout	Tom Prince and Janet Seid
12:30	Formal Workshop Concludes - informal box lunch in the Collaboration Courtyard	
12:30 - 5:00	INFORMAL WORKSHOP SMALL GROUP COLLABORATION TIME and WRITING ASSIGNMENTS	
5:00	Institute Closes	