



Next-Generation Planetary Geodesy - Part II

November 8 - 11, 2021  
Overview Schedule

**Monday, November 8, 2021 - 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	Michele Judd
10:00 - 10:30	Study Vision (20 min) and Discussion (10 min)	Team Leads
10:30 - 11:00	Break	
11:00 - 11:15	Topical talk 1 - GRAIL at Mars (10 min talk, 5 min Q&A)	Ryan Park
11:15 - 11:30	Topical talk 2 - GOCE at Mars (10 min talk, 5 min Q&A)	Ho Jung Paik
11:30 - 11:45	Topical talk 3 - SmallSats at Mars (10 min talk, 5 min Q&A)	Alex Austin
11:45 - 12:05	Recap of priority science questions and hypotheses for #CLIMATE	Team Leads
12:05 - 12:15	Selection of initial breakout groups	Team Leads
12:15 - 1:45	Group Picture and KISS Group Lunch at the Athenaeum	
1:45 - 2:00	Topical talk 4 - Helicopter at Mars (10 min talk, 5 min Q&A)	Jon Bapst
2:00 - 3:30	# CLIMATE Breakout groups meet What are the pros and cons of these architectures? How can these different architectures address the hypotheses for this theme? 1 - Orbital missions (e.g., GRAIL, GOCE) 2 - Helicopter 3 - SmallSats	All
3:30 - 4:00	Break	
4:00 - 4:45	Report out from breakout groups (15 minutes each)	Groups
4:45 - 5:00	Group discussion	All
5:00	KISS Group Dinner in Pasadena	

**Tuesday, November 9, 2021 - Keck Center - Think Tank, Room 155**

**MARS and OCEAN WORLDS DAY**

<b>Time</b>	<b>Event</b>	<b>Speaker</b>
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 - 9:30	Recap of priority science questions and hypotheses for #GEODYN	Team Leads
9:30 - 9:40	Selection of initial breakout groups	Team Leads
9:40 - 11:10	#GEODYNAMICS Breakout groups meet What are the pros and cons of these architectures? How can these different architectures address the hypotheses for this theme? 1 - Orbital missions (e.g., GRAIL, GOCE) 2 - Helicopter 3 - SmallSats	Groups
11:10 - 11:40	Break	
11:40 - 12:10	Report out from breakout groups (10 minutes each)	Groups
12:10 - 12:30	Group Discussion - Mars Recap	All
12:30 - 2:00	KISS Group Lunch at the Athenaeum	
2:00 - 2:15	Recap of priority science questions and hypotheses for #OCEANWORLDS	Team Leads
2:15 - 2:45	Topical Talk - Ocean Worlds Habitability	Marc Neveu (virtual)
2:45 - 3:30	Group Discussion - Ocean Worlds Habitability	All
3:30 - 4:00	Break	
4:00 - 4:20	Topical Talk - InSAR at Enceladus	Paul Rosen
4:20 - 4:40	Topical Talk - Designing a mission to do InSAR at Enceladus	Kristina Hogstrom
4:40 - 5:15	Group Discussion - InSAR	All
5:15	Dinner on your own	

**Wednesday, November 10, 2021 - Keck Center - Think Tank, Room 155**

**OCEAN WORLDS DAY**

8:00 - 8:30	Institute Opens - FREE THINK TIME <b>Take your rapid test if you did not take it in your hotel or at home</b> , 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 - 9:25	Selection of initial breakout groups	Team Leads
9:25 - 10:55	#OCEANWORLDS Breakout groups meet Ocean World Implementations for BOTH Europa and Enceladus 1 - Flyby 2 - Orbit 3 - Land	All
10:55 - 11:25	Break	
11:25 - 11:55	Report out from breakout groups (10 minutes each)	Groups
11:55 - 12:15	Group Discussion	All
12:15 - 2:15	Lunch on your own	
2:15 - 2:25	Selection of initial breakout groups	Team Leads
2:25 - 3:55	Breakout groups meet Topic TBD 1 - 2 - 3 -	Groups
3:55 - 4:25	Break	
4:25 - 4:55	Report out from breakout groups (10 minutes each)	Groups
4:55 - 5:20	Group Discussion	All
5:20	KISS Group Dinner at the Athenaeum	

**Thursday, November 11, 2021 - Keck Center - Think Tank, Room 155**

**SYNTHESIS DAY**

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 - 10:45	Discussion of report, report imagery, path forward, advocacy, etc.	Team Leads
10:45 - 11:15	Wrap-up discussion	All
11:15 - 11:45	Break	
11:45 - 12:00	Workshop Close Out	Michele Judd
12:00 - 1:00	Lunch at the institute	
1:00 - 2:30	Writing Session	All
2:30 - 3:00	Final Report Discussion in Keck Courtyard and then... its 5PM somewhere...	All
3:00	End of Workshop	