



Next-Generation Planetary Geodesy

**June 7 - 11, 2021
Overview Schedule**

Monday, June 7, 2021

Welcome, Earth and Moon, Provocative Question Session

Time in PDT	Event	Speaker
7:45 - 8:00	Pop into Gather Town, check out the announcement board, meet up with your early time zone colleagues or explore the new rooms in Gather Town.	
8:00 - 9:00	Logistics/Vision/Introductions Overview of day	Michele Judd Mike Sori
9:00 - 9:20	Topical talk: Cutting edge geodesy/geophysics at the Moon (15 min + 5 Q&A)	Maria Zuber / David Smith
9:20 - 9:40	Topical talk: Cutting edge geodesy/geophysics at the Earth (15 min + 5 Q&A)	Carmen Boening
9:40 - 10:10	Long break	
10:10 - 11:10	Provocative Questions: Virtual white board session	Anton Ermakov
11:10 - 11:20	Short break	
11:20 - Noon	Report back from Provocative Questions, Selection of Breakout Groups	TBD
Noon - 12:45	Lunch	
12:45 - 1:45	Breakout Sessions	All
1:45 - 2:00	Report back from breakout	Breakout Session Leads
2:00 - 2:30	Group Activity/Happy Hour in Gather Town Rathskeller	All
2:30 - 5:00	Gather Town remains open for: - Homework & Research (group / individual activity) - Setting up informal conversations/collaborations	
5:00	End of Day 1	

Tuesday, June 8, 2021

MARS

Time in PDT	Event	Speaker
7:45 - 8:00	Pop into Gather Town, check out the announcement board, meet up with your early time zone colleagues or explore the new rooms in Gather Town.	
8:00 - 8:10	Logistics Overview of day	Michele Judd Mike Sori
8:10 - 8:30	Topical talk: Polar science from gravity and topography (15 min + 5 min Q&A)	Luju Ojha
8:30 - 9:00	3 Lightning talks: Global dichotomy, Plate tectonics, Human exploration (5 min each + 2 min Q&A each)	Mike Sori Sonia Tikoo Ali Bramson
9:00 - 9:30	Break	
9:30 - 10:00	3 Lightning talks: Deep Interior, Climate / Atmosphere, SmallSats at Mars (5 min each + 2 min Q&A each)	Renee Weber Bruce Bills Simone D'Amico
10:00 - 11:30	Breakout Session	All
11:30 - 12:30	Lunch	
12:30 - 1:00	Breakout room reports (5 min each + 5 min Q&A each)	All
1:00 - 1:55	Group Discussion	Breakout session leads
1:55 - 2:00	Flood chat – favorite thing you learned today	All
2:00 - 5:00	Gather Town remains open for: - Homework & Research (group / individual activity) - Setting up informal conversations/collaborations	
5:00	End of Day 2	

Wednesday, June 9, 2021

VENUS

Time in PDT	Event	Speaker
7:45 - 8:00	Pop into Gather Town, check out the announcement board, meet up with your early time zone colleagues or explore the new rooms in Gather Town.	
8:00 - 8:15	Logistics Overview of day	Michele Judd Anton Ermakov
8:15 - 8:35	Topical talk: Big Picture Geodesy at Venus (15 min + 5 min Q&A)	Sue Smrekar
8:50 - 9:30	6 Lightning talks: (5 min each + 2 min Q&A each) <ul style="list-style-type: none"> • Venus Atmosphere • Tectonics, mantle dynamics and surface deformation • Solid Body and Loading Tides • SmallSats at Venus • Gradiometry • Seismology from Balloons on Venus 	Tom Navarro Peter James Harriet Lau Joe O'Rourke Ho Jung Paik Siddharth Krishnamoorthy
9:30 - 9:35	Sign up for Breakout Rooms	All
9:35 - 10:00	Group Break	
10:00 - 11:30	Breakout rooms by target investigation (e.g., Aerial and Lander Geodesy at Venus, Gradiometry, and SmallSats)	All
11:30 - 12:30	Lunch Break	
12:30 - 1:00	Breakout room reports (5 min each + 3 min Q&A each)	Breakout Session Leads
1:00 - 1:55	Group Discussion	All
1:55 - 2:00	Group Flood Chat	All
2:00 - 2:10	Lightning talk on DSAC	Todd Ely
2:10 - 5:00	Gather Town remains open for: <ul style="list-style-type: none"> - Homework & Research (group / individual activity) - Setting up informal conversations/collaborations 	
5:00	End of Day 3	

Thursday, June 10, 2021

OCEAN WORLDS

Time in PDT	Event	Speaker
7:45 - 8:00	Pop into Gather Town, check out the announcement board, meet up with your early time zone colleagues or explore the new rooms in Gather Town.	
8:00 - 8:15	Logistics, Overview of day	Michele Judd James Keane
8:15 - 8:35	Topical talk: Interior structure of ocean worlds (15 min + 5 min Q&A)	Doug Hemingway
8:35 - 8:55	Topical talk: Ocean dynamics within ocean worlds (15 min + 5 min Q&A)	Krista Soderlund
8:55 - 9:55	6 Lightning talks: (5 min each + 2 min Q&A each) - Ages of the Saturnian Moons - Geodesy and Habitability - Ocean Worlds SmallSats + InSar - Tidal Heating - Orbital Stability - Imaging Geodesy	Jim Fuller Francis Nimmo Mark Simons Carver Bierson Sonia Hernandez Ryan Park
9:55 - 10:00	Sign up for Breakout Rooms	All
10:00 - 10:30	Break	
10:30 - 12:00	Breakout Session	All
12:00 - 1:00	Lunch	
1:00 - 1:30	Breakout room report outs	Breakout Session Leads
1:30 - 1:55	Group Discussion	All
1:55 - 2:00	Flood Chat – favorite thing you learned today	All
2:00 - 5:00	Gather Town remains open for: - Homework & Research (group / individual activity) - Setting up informal conversations/collaborations	
5:00	End of Day 4	

Friday, June 11, 2021

Putting it all together

Time in PDT	Event	Speaker
7:45 - 8:00	Pop into Gather Town, check out the announcement board, meet up with your early time zone colleagues or explore the new rooms in Gather Town.	
8:00 - 8:15	Logistics, Overview of day	Michele Judd Mike Sori Anton Ermakov James Keane
8:15 - 8:45	Advocacy lessons learned and discussion	All
8:45 - 9:00	Team Leads present out plan for remainder of study, and get feedback	Team Leads
9:00 - 10:15	Breakout sessions	All
10:15 - 10:20	Be in GATHER TOWN for a group exercise (5 mins! You can do it!)	All
10:20 - 10:45	Break	
10:45 - 11:15	Breakout reports	Breakout Session Leads
11:15 - 11:45	Group Discussion and Individual Reflections and Commitment	All
11:45 - 12:00	Workshop closeout	All
12:00 - 1:00	Pizza Lunch	
1:00 - 2:00	Writing Assignments	All
2:00 - 5:00	Gather Town remains open for: informal chats/collaborations	
5:00	End of Workshop	