



Revolutionizing Access to the Martian Surface - Part II

Sept 20-24, 2021
Overview Schedule

Monday Sept 20 - Keck Center - Think Tank, Room 155

Time	Event	Speaker
8:00 - 8:30	Institute Opens - FREE THINK TIME	
8:30 - 9:00	Coffee and Refreshments at Keck Center Check in for workshop, 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	
9:00 - 9:30	Workshop Logistics	Michele Judd
9:30 - 10:00	Participant Introductions	Michele Judd
10:00 - 10:45	Recap of Workshop #1: Way Forward and Study Vision, Goals, and Expectations for Workshop #2	Team Leads
10:45 - 11:15	Break	
11:15 - 12:15	Finalize Workshop Goals via Plenary Discussion, Solicitation of Lightning Talks	Team Leads
12:30 - 2:00	Group Picture and Lunch at the Athenaeum	
2:00 - 2:45	Working Group Report Out: Cultural Club	Culture Club sub-team
2:45 - 3:30	Working Group Report Out: Programmatic Changes	Programmatic Changes sub-team
3:30 - 4:00	Break	All
4:00 - 5:30	Breakout #1: What ideas from the first two group reports are the most likely to have an impact for future Mars missions from the perspective of the given community? How can we overcome challenges to implementing these ideas? Groups: - Strategy development and definition Level (HQ, Congress, OMB) - Implementers Level (Centers and companies) - Science Community Level (AGs, Decadal Survey, PI Proposer Team)	All
5:30 - 5:45	Recap and Discuss Direction for Day 2	Team Leads
5:45 - 6:00	Pack up and walk to the Athenaeum's Rathskeller	All
6:00	Dinner on the lawn of the Athenaeum	

Tuesday Sept 21 - Keck Center - Think Tank, Room 155

Time	Event	Speaker
8:00 - 8:30	Institute Opens - FREE THINK TIME	
8:30 - 9:00	Check in, affirm you are not symptomatic nor have had contact with anyone who is , enjoy coffee and refreshments in the Keck Center courtyard	
9:00 - 9:15	Logistics and Team Lead Goals for the Day	Michele Judd and Team Leads
9:15 - 10:00	Group Report Outs from Breakout Session #1 (15 mins each)	Groups
10:00 - 10:30	Lightning Talks	TBD by participants
10:30 - 11:00	Break	
11:00 - 11:45	Working Group Report Out: Mars Medium Mission	Mars Medium Mission sub-group
11:45 - 12:30	Working Group Report Out: Distributed Landed Networks	Distributed Landed Networks sub-group
12:30 - 2:00	Lunch on your own	
2:00 - 3:30	<p>Breakout #2: What technology investments are needed? What ideas from the first two group reports are the most likely to have an impact for future Mars missions? What investments, approaches, strategies are needed to overcome the tall tent poles for these missions to happen?</p> <p>Groups: Randomize into 4 teams (incl. science, implementation, commercial in each team)</p>	All
3:30 - 4:00	Break	
4:00 - 4:30	Group Report outs from Breakout Session #2 (10 mins each)	Groups
4:30 - 5:30	Recap and Discuss Direction for Day 3	All
5:30 - 7:00	Informal pizza at the Institute	

Wednesday Sept 22 - Keck Center - Think Tank, Room 155

8:00 - 8:30	Institute Opens - FREE THINK TIME	
8:30 - 9:00	Take your rapid test , check in, affirm you are not symptomatic nor have had contact with anyone who is , enjoy coffee and refreshments in the Keck Center courtyard	
9:00 - 9:15	Logistics and Team Lead Goals for the Day	Michele Judd and Team Leads
9:15 - 10:15	Special Talk: Cost estimating (15 mins each, 30 mins Q&A)	Al Nash Dave Bearden
10:15 - 10:45	Break	
10:45 - 12:00	Breakout #3: What are key aspects to the novel approaches we want our costing models to support? - Multi-build (simultaneous or near-so) - Class C/D approaches - Commercial IDIQ awards for vendors to provide a service over a period - Human piggyback missions?	All
12:00 - 12:30	Group Report outs from Breakout Session #3 (10 mins each)	
12:30 - 2:00	Lunch at the Athenaeum	
2:00 - 3:30	Group pulse: What are big conclusions so far, what topics need more attention?	
3:30 - 4:45	Report brain storm: Figures and text that we know will be needed in report	
5:00	Dinner on your own	

Thursday Sept 23 - Keck Center - Think Tank, Room 155

8:00 - 8:30	Institute Opens - FREE THINK TIME	
8:30 - 9:00	Check in, affirm you are not symptomatic nor have had contact with anyone who is , enjoy coffee and refreshments 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 Groups and Topics for Breakout Session #4	All
9:25 - 10:30	<p>Breakout #4: How do we take advantage of things that are happening in the space and technology sectors beyond planetary science to revolutionize access to the Mars surface?</p> <ul style="list-style-type: none"> - What are most important? - What is missing? <p>Groups:</p> <ul style="list-style-type: none"> - Fixed landers - Many mobile explorers - Large mass to the surface 	Groups
10:30 - 11:00	Break	
11:00 - 11:30	Group Report outs from Breakout Session #4 (10 mins each)	Groups
11:30 - 12:30	Discussion of Final Report and Report Structure	Team Leads
12:30 - 2:00	Lunch on your own	
2:00 - 2:30	Define writing assignments	All
2:30 - 3:30	Writing Session #1	Groups/Individuals
3:30 - 4:00	Break	
4:00 - 4:30	Identification of Additional Needed Inputs	All
4:30 - 5:30	Discussion on Path Forward for Collaboration, Advocacy throughout the Community and To-Do List for Completion of Final Report	Groups/Individuals
5:30 - 5:45	Recap and Discuss Direction for Day 5	Team Leads
5:45 - 6:00	Pack up and walk to the Athenaeum	All
6:00	Dinner on the Athenaeum Lawn	

Friday Sept 24 - Keck Center - Think Tank, Room 155

Time	Event	Speaker
8:00 - 8:30	Institute Opens - FREE THINK TIME	
8:30 - 9:00	Check in, affirm you are not symptomatic nor have had contact with anyone who is , enjoy coffee and refreshments in the Keck Center courtyard	
9:00 - 9:15	Logistics and Team Lead Goals for the Day	Michele Judd and Team Leads
9:15 - 10:00	Discussion of Final Report Imagery	Groups/Individuals
10:00 - 10:30	Break	
10:30 - 11:15	Breakouts on final report images	Groups/Individuals
11:15 - 11:45	Group report outs	Teams
11:45 - 12:15	Workshop Summary and next steps	Teams Leads
12:15 - 12:30	Workshop Closeout	Michele Judd
12:30 - 1:30	Informal lunch box in the Courtyard	
1:30 - 3:30	Optional: Writing Session #2	Groups/Individuals
3:30 - 4:00	Break	
4:00 - 5:00	Optional: Writing Session #3	All
5:00	Workshop Concludes (please leave Old Town standing)	