



**Wednesday, July 20 - 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	Enjoy coffee and breakfast in the Keck Center courtyard	
9:00 - 9:15	Workshop Logistics	KISS
9:15 - 9:45	Participant Introductions	Team Leads
9:45 - 10:00	Symposium Vision, Goals, and Expectations	Team Leads
10:00 - 10:30	Hot Science at Venus: What We Need to Know and Why	David Grinspoon
10:30 - 11:00	Break	
11:00 - 11:30	Venus Science and Human Missions to Venus overview	Noam Izenberg
11:30 - NOON	Venus Mission Concepts and Related Technologies - current and near future concepts	Mallory Lefland
NOON - 12:30	New Voyages of Discovery: The Value of Crewed Expeditions to Venus	Matt Daniels
12:30 - 2:00	Team Picture and Team Lunch at the Athenaeum	
2:00 - 2:30	Vanguard to Venus: Crewed Missions to Venus in Historic, Socioeconomic, and Strategic Context	Alex MacDonald
2:30 - 3:00	Venus Fly-by Opportunities and Trajectories	Patrick Chai
3:00 - 3:30	Introduction to Starship Capabilities	Nick Cummings
3:30 - 4:00	Break	
4:00 - 5:00	Informal Discussions: Unconference to Enable Sorting for Day 2	All
5:00 - 5:30	Short Outbriefs	Group representatives
5:30 - 5:45	Guidelines for Day 2	Team Leads
6:00	Social half hour and team dinner at the Athenaeum	

## Thursday July 21 - Keck Center - Think Tank, Room 155

Time	Event	Speaker
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	Team Leads
9:15 - 9:45	Human Factors and Challenges of a Venus Flyby En Route To or From Mars	Mark Shelhamer
9:45 - 11:30	Working Groups - Science Objectives - Mission Architectures and Technologies - Community Development and Policy Support	ALL
11:30 - Noon	Break	
Noon - 12:30	Team Outbriefs	Teams
12:30 - 2:00	Team Lunch at the Athenaeum	
2:00 - 2:30	Group Discussion	All
2:30 - 4:00	Working Group Session #2	All
4:00 - 4:30	Break	
4:30 - 5:30	Final Group Discussion and Plan Forward	Groups
5:30	Adjourn for optional, informal reception at the Athenaeum	