

May 9-13, 2022 Overview Schedule

## Monday May 9 - Keck Center - Think Tank, Room 155 Time **Event Speaker** Institute opens early for workshop check in, SHOW PROOF OF VACCINATION, take your rapid test, affirm you are not 7:45 - 8:30 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 - 9:30 **Workshop Logistics** Janet Seid Participant Introductions (and Audrey!) 9:30 - 10:00 Team Leads Recap of Workshop #1: 10:00 - 10:45 Team Leads Way Forward and Study Vision, Goals, and Expectations for Workshop #2 10:45 - 11:15 **Break** 11:15 - 11:45 Finalize Workshop Goals via Plenary Discussion **Team Leads** Working Group Report Out: Trip through the Matrix 11:45 - 12:00 **Alison Santos** 12:00 - 12:15 Working Group Report Out: Sampling Jacob Izraelevitz 12:15 - 2:00 Group Picture and Lunch at the Athenaeum 2:00 - 2:15 Working Group Report Out: Aerial Lab Jason Rabinovitch 2:15 - 2:30 Working Group Report Out: Architecture John Elliott Solicitation of Lightning Talks 2:30 - 3:00 Team Leads 3:00 - 3:30 Group Discussion - Are these three architectures the "right" three to span solution space? ΑII 3:30 - 4:00 **Break** ΑII Breakout #1: What are the remaining high-level knowledge gaps for this specific architecture? Which can we make progress on in-session (and discuss), which should we not spend time on because 4:00 - 5:30 progress is not possible in-session, and which are (maybe) answerable outside of session (and Αll how/who)? Groups: Separated by Architectures 5:30 - 5:45 Recap and Discuss Direction for Day 2 Team Leads 5:45 - 6:00 Pack up and head out to dinner ΑII 6:00 OPTIONAL: local, informal outdoor dinner for any interested participants led by one of the team leads

Tuesday May 10 - 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	Team Leads		
9:15 - 10:00	Group Report Outs from Breakout Session #1 (15 mins each)	Groups		
10:00 - 10:30	How to write a flagship concept	Marty Gilmore		
10:30 - 11:00	Break			
11:00 - 11:30	Group Discussion: Lessons from the (current) Decadal? Where do we, and our report, fit into the next Decadal?	Noam Izenberg		
11:30 - 12:00	Lightning Talks	TBD by participants		
12:00 - 1:30	Lunch on your own			
1:30 - 3:00	Breakout #2: What are the remaining questions (tall tent poles) for sampling, Aerial Lab? What are the needs to close these loops (knowledge from earlier missions, technology developments)?  Groups: Randomize to force new people into teams. SubTeam Leads remain with their topic.	All		
3:00 - 3:30	Break			
3:30 - 4:00	Group Report outs from Breakout Session #2 (10 mins each)	Groups		
4:00 - 4:30	KISS Final Report needs: What is our goal? What is our message? What is the right presentation/structure? Who is the audience?	All		
4:30 - 5:30	Recap and Discuss Direction for Day 3	All		
5:30 - 6:00	Pack up and walk to the Athenaeum	All		
6:00 - 8:00	Dinner at the Athenaeum			

Wednesday May 11 - 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	Team Leads		
9:15 - 10:15	Special Talk: Programmatic Considerations - How to "get" a flagship mission	Tony Freeman		
10:15 - 10:45	Break			
10:45 - 12:00	Breakout #3: What is needed to have a version of this mission submitted to the NEXT decadal survey for consideration for a flagship class mission?	All		
12:00 - 12:30	Group Report outs from Breakout Session #3 (10 mins each)	Groups		
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?	All		
3:30 - 4:00	Break			
4:00 - 5:30	Report brain storm: Storyboarding (including sections and authorship)	All		
5:30	OPTIONAL: local, informal outdoor dinner for any interested participants led by one of the team leads			

Thursday May 12 - 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	Team Leads		
9:15 - 9:25	Selection of Groups and Topics for Breakout Session #4	All		
9:25 - 11:00	Breakout #4: Closing the mission concept(s) - What is missing?  Groups: - high-level architecture add-ons (e.g. orbiter), technology development needs, Aerial Lab	Groups		
11:00 - 11:30	definition, report substructure  Break			
11:30 - NOON	Group Report outs from Breakout Session #4	Groups		
NOON - 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 May 13 - 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	Team Leads		
9:15 - 10:45	Final Report Imagery: Discuss what is needed, breakouts to work on images	Groups/Individuals		
10:45 - 11:15	Break			
11:15 - 11:45	Group report outs	Teams		
11:45 - 12:30	Workshop Summary and next steps	Teams Leads		
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)			