



**Space Science Opportunities Augmented
by Exploration Telepresence**

**October 3-7, 2016
Overview Schedule**

Monday, October 3, 2016 - Beckman Institute Auditorium - Caltech

**Short Course
Introductory Lectures - Open to all interested students, researchers and faculty**

Time	Event	Speaker
8:00 - 8:30	Coffee and Refreshments	
8:30 - 8:40	Logistics / Introduction	Michele Judd Team Lead
8:40 - 9:30	Principles of Geologic Fieldwork on Planets (40 min talk, 10 min Q&A)	Kip Hodges
9:30 - 10:20	Executing Geologic Science with Long Latency Robotic Assets (40 min talk, 10 min Q&A)	R. Aileen Yingst
10:20 - 10:50	Break	
10:50 - 11:40	Human/Robotics Collaborations and Interactions (40 min talk, 10 min Q&A)	Terry Fong
11:40 - 12:30	Lessons Learned via Telepresence Usage on Earth (40 min talk, 10 min Q&A)	Dan Lester
12:30 - 1:30	Short Course Ends: Informal Lunch is provided at Beckman Institute Auditorium Entrance	

**Invitation-Only Workshop Begins
Keck Center - Think Tank, Room 155**

1:30 - 1:45	Walk to Keck Center, pick up badge and welcome packet, find seat in the Think Tank	
1:45-2:30	Workshop Logistics and Introduction to KISS	Michele Judd Tom Prince
2:30 - 3:00	Participant Introductions	Michele Judd
3:00 - 3:30	Study vision and goals for this workshop	Team Leads
3:30 - 4:00	Break	
4:00 - 5:00	Finalize study vision and workshop goals via plenary discussion	Team Leads
5:00 - 5:30	Solicitation of Lightning Talks	Team Leads
5:30 - 6:00	Pack up and walk to the Athenaeum	All
6:00	Dinner at the Athenaeum	

Tuesday, October 4, 2016 - Keck Center - Think Tank, Room 155

Time	Event	Speaker
8:00 - 8:30	Institute open for free think time, Tolman/Bacher House rooms available	
8:30 - 9:00	Coffee and informal breakfast pastries / free think time continued	
9:00 - 9:15	Logistics and Team Lead Update	Michele Judd Team Leads
9:15 - 9:45	Humanoid Robotic Capabilities on Earth and the International Space Station (20 mins plus 10 mins Q&A)	Julia Badger
9:45 - 10:15	Lightning Talks (3)	TBD by participants
10:15 - 10:45	Break	
10:45 - 12:15	Determine breakout teams and begin breakout sessions	All
12:15 - 12:30	Group picture, walk to the Athenaeum	
12:30 - 2:00	Lunch at the Athenaeum	
2:00 - 2:45	Report outs from breakout groups (15 mins each)	Groups
2:45 - 3:30	Lightning Talks (3)	TBD by participants
3:30 - 4:00	Break	
4:00 - 7:00	POSTER SESSION and Informal food truck dinner at the Keck Center (dinner starts at 6:00 pm)	

Wednesday, October 5, 2016 - Keck Center - Think Tank, Room 155

Time	Event	Speaker
8:00 - 8:30	Institute open for free think time, Tolman/Bacher House rooms available	
8:30 - 9:00	Coffee and informal breakfast pastries / free think time continued	
9:00 - 9:15	Logistics and Team Lead Update	Michele Judd Team Leads
9:15 - 9:45	Special Topic Talk (20 mins plus 10 mins Q&A)	TBD
9:45 - 10:30	Lightning talks (3 - each 10 mins plus 5 mins Q&A)	TBD by participants
10:30 - 11:00	Break	
11:00 - 12:30	Breakout Groups Meet	All
12:30 - 2:00	Lunch at the Athenaeum	
2:00 - 3:00	Breakouts (continued)	All
3:00 - 3:45	Return to Plenary Session, Breakout Groups Report Out	All
3:45 - 4:30	Lightning talks (3 - each 10 mins plus 5 mins Q&A)	Groups
4:30 - 5:00	Break and Walk to Beckman Institute Auditorium	
OPEN LECTURE Beckman Institute Auditorium		
5:00 - 6:00	Open Lecture: Operational Thoughts on Data Driven Decision Making	Nick Hague
6:15	Dinner at the Athenaeum	

Thursday, October 6, 2016 - Keck Center - Think Tank, Room 155

Time	Event	Speaker
8:00 - 8:30	Institute open for free think time, Tolman/Bacher House rooms available	
8:30 - 9:00	Coffee and informal breakfast pastries / free think time continued	
9:00 - 9:15	Logistics and Team Lead Update	Michele Judd Team Leads
9:15 - 10:15	Final Lightning Talks (4 - each 10 mins plus 5 mins Q&A)	Groups
10:15 - NOON	Breakout Groups Meet (teams are encouraged to include a short break on a team by team basis)	All
NOON - 2:00	Lunch on your own / free think time	
2:00 - 2:45	Return to Plenary Session, Breakout Groups Report Out	All
2:45 - 3:30	Plenary Discussion about next steps, outcomes and recommendations for the next 1-10 years	All
3:30 - 4:00	Break	
4:00 - 4:45	Plenary Discussion (continues)	Groups
4:45 - 5:45	Breakout Groups Meet: Advocacy Session	All
5:45	Pack up and walk to Athenaeum	All
6:00	Dinner at the Athenaeum (with spouses / significant others / special guests)	

Friday, October 7, 2016 - Keck Center - Think Tank, Room 155

Time	Event	Speaker
8:00 - 8:30	Institute open for free think time, Tolman/Bacher House rooms available	
8:30 - 9:00	Coffee and informal breakfast pastries / free think time continued	
9:00 - 9:15	Logistics and Team Lead Update	Michele Judd Team Leads
9:15 - 9:45	Report Out from Breakout Groups	All
9:45 - 12:30	Writing Breakout Groups	All
12:30 - 1:30	Informal Lunch at the Institute	
1:30 - 2:00	Plenary Session - Report Out Open Topics from Writing Sessions	All
2:00 - 3:00	Plenary Session Discussion - Future Funding Opportunities, Follow-Up Studies, Other Workshops and Proposals	All
3:00 - 3:30	Break	
3:30 - 4:30	Post Workshop Activities and Assignments - Group Discussion	All
4:30 - 5:00	Workshop Closeout	Michele Judd
5:00	Workshop Concludes	