



**Optical Communication on SmallSats:  
Enabling the Next Era in Space Science - Part 2**

**Feb. 7-9, 2017  
Overview Schedule**

**Tuesday, Feb. 7, 2017 - Keck Center - Think Tank, Room 155**

<b>Time</b>	<b>Event</b>	<b>Speaker</b>
7:30 - 8:00	Registration is open for early birds, free think time	
8:00 - 8:30	Coffee and Refreshments are served	
8:30 - 9:15	Logistics / Introductions	Michele Judd Team Leads
9:15 - 9:45	Overview of the last study: LEO to Ground	Team Leads
9:45 - 10:15	Overview of the last study: Deep Space to Ground	Team Leads
10:15 - 10:45	Break	
10:45 - 11:15	Overview of the last study: Interconnects	Team Leads
11:15 - 11:45	Group Discussion: Study and Vision Goals for this Workshop	ALL
11:45 - 12:30	Target Audience for the Final Report	ALL
12:30 - 2:00	Lunch at the Athenaeum	
2:00 - 3:00	Finalize study vision and workshop goals via plenary discussion	ALL
3:00 - 3:30	Solicitation of Lightning Talks	Team Leads
3:30 - 4:00	Break	
4:00 - 4:30	State of the Art: LaserCom Systems Engineering and Challenges	Emily Clements
4:30 - 5:00	State of the Art: MinXSS CubeSat Performance (Attitude and Downlink)	Amir Caspi
5:00 - 5:30	State of the Art: LaserCom Ground Segment State of the Art	Darren Rowen / Mike Krainak
5:30 - 6:00	Pack up and walk to the Athenaeum	ALL
6:00	Dinner at Athenaeum Rathskeller (downstairs)	



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Overview Schedule**

**Wednesday Feb. 8, 2017 - Keck Center - Think Tank, Room 155**

<b>Time</b>	<b>Event</b>	<b>Speaker</b>
7:30 - 8:00	Institute is open for early birds, free think time	
8:00 - 8:30	Coffee and Refreshments are served	
8:30 - 8:45	Logistics	Michele Judd
8:45 - 9:00	Day 2 Workshop Objectives and Goals - Introduction of Special Topics Areas (ABC, DEF, XYZ etc.)	Team Leads
9:00 - 9:30	NASA-funded Integrated Photonics	John Klamkin
9:30 - 10:15	Lightning talks (3)	TBD by participants
10:15 - 10:45	Break	
10:45 - 11:15	Selection of Breakout Groups and Topics	ALL
11:15 - 12:30	Breakout Groups Meet	Groups
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) - Emphasis on aspirational projects	TBD
3:30 - 4:00	Break	
4:00 - 4:15	Selection of Breakout Groups and Topics for next day	ALL
4:15 - 5:30	Breakout Groups Meet	Groups
5:30 - 6:00	Pack up and walk to the Athenaeum	ALL
6:00 - 7:30	Prime Rib Buffet at Athenaeum, spouses and significant others invited	



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Overview Schedule**

**Thursday, Feb. 9, 2017 - Keck Center - Think Tank, Room 155**

<b>Time</b>	<b>Event</b>	<b>Speaker</b>
7:30 - 8:00	Institute is open for early birds, free think time	
8:00 - 8:30	Coffee and Refreshments are served	
8:30 - 8:45	Logistics	Michele Judd
8:45 - 9:00	Progress Update: Goals for Day 3 (what success looks like at the end of this workshop)	Team Leads
9:00 - 10:15	Breakout Groups	ALL
10:15 - 10:45	Break	
10:45 - 12:15	Breakout Groups	ALL
12:15 - 2:00	Group Photograph, Informal Lunch at the Institute, free time	
2:00 - 3:30	Open Discussion of Breakout Group Recommendations and Group Feedback	ALL
3:30 - 4:00	Break	
4:00 - 4:45	Final study activities and final report assignments - Group Discussion	ALL
4:45 - 5:00	Workshop Closeout	Michele Judd
5:00	Workshop Concludes	