

Starshade Technology Workshop

Date: Thursday, December 1, 2016

Time: 8:30 AM to 5:30 PM, PST

Location: Hilton Pasadena, Room: San Gabriel

Webex: <https://jpl.webex.com>

Call-in number: 510-210-8882 Toll Free Passcode: 906355223

Document location: <https://exoplanets.nasa.gov/exep/events/184>

<u>Agenda Item</u>	<u>Presenter</u>	<u>Start</u>	<u>Duration</u>	<u>End</u>
Registration		8:15 AM	0:15	8:30 AM

Part I - Welcome/Introduction (8:30am - 10:00am)

Welcome/Agenda	John Ziemer	8:30 AM	0:05	8:35 AM
Exoplanet Exploration Program Overview	Gary Blackwood	8:35 AM	0:10	8:45 AM
Exoplanet Science Enabled by Starshades	Renyu Hu	8:45 AM	0:20	9:05 AM
Starshade Technology Overview	Nick Siegler	9:05 AM	0:25	9:30 AM
Future Plans for Starshade Technology Development	John Ziemer	9:30 AM	0:20	9:50 AM
Break	All	9:50 AM	0:10	10:00 AM

Part II - Recent Progress and Community Feedback on Technology Needs and Opportunities (10:00 am - 1:00 pm)

Univ. of Colorado: Recent progress, needs and opportunities	Web Cash	10:00 AM	0:15	10:15 AM
Northrop Grumman Corp.: Recent progress, needs and opportunities	Steve Warwick	10:15 AM	0:15	10:30 AM
Princeton Univ.: Recent progress, needs and opportunities	Jeremy Kasdin	10:30 AM	0:15	10:45 AM
JPL: Recent technical progress, needs and opportunities	Douglas Lisman	10:45 AM	0:15	11:00 AM
Community Feedback and Discussion: What are we missing?	All	11:00 AM	1:00	12:00 PM
Lunch	All	12:00 PM	1:00	1:00 PM

Part III - Breakout Sessions/Open Discussion (1:00pm - 5:30pm)

Breakout working groups (3 or 4 groups around 3 existing technology areas and possibly another, running in parallel for 110 minutes) with each group covering the following topics in their area: - Technology needs/gaps - Trades that need to be addressed - Potential evaluation criteria: musts and wants - Technology opportunities/solutions to consider	All	1:00 PM	1:50	2:50 PM
Break	All	2:50 PM	0:10	3:00 PM
Group 1 Results and Community Discussion	All	3:00 PM	0:30	3:30 PM
Group 2 Results and Community Discussion	All	3:30 PM	0:30	4:00 PM
Group 3 Results and Community Discussion	All	4:00 PM	0:30	4:30 PM
Group 4 (if necessary) Results and Community Discussion	All	4:30 PM	0:30	5:00 PM
Community Feedback and Discussion: What are we missing?	All	5:00 PM	0:30	5:30 PM
Adjourn				5:30 PM