

**In-Space Assembled Telescope (iSAT) Study Workshop October 2-4, 2018**  
**NASA Langley Research Center, Hampton, VA**

Date: Tuesday, October 2

Meeting time: 8:30 am - 6:00 pm (ET)

Webex: <https://jpl.webex.com> Meeting number 903 117 685

Dial-In: 844-575-9329 Passcode: 903 117 685

Website: [https://exoplanets.nasa.gov/exep/technology/in-space-assembly/iSAT\\_study/](https://exoplanets.nasa.gov/exep/technology/in-space-assembly/iSAT_study/)

Conference Room: Building 2102 REID Rooms

Wifi: "nasaguest" or "nasa" for NASA employees & contractors

	Topic	Presenter	Start	Duration	Intended Result
1	Sign in and Refreshments		<b>8:30</b>	0:30	
2	Welcome	Nick Siegler	9:00	0:05	
3	Logistics overview	Lynn Bowman	9:05	0:05	
4	LaRC Welcome	Cathy Mangum	9:10	0:05	
5	Sponsor Comments	Paul Hertz (remotely)	9:15	0:10	
6	Opening Remarks	Nick Siegler	9:25	0:20	Study Members gain understanding of the rationale, process, and goals of the 3-day meeting.
7	Introductions	All	9:45	0:15	Participants in the room and on the phone introduce themselves to the group
8	Technical Overview	Rudra Mukherjee	10:00	1:00	Study Members are presented with a recap of the Activity 1a telescope modularized architecture. Members are also presented with the different concepts for Activity 1b and overview of the process for the breakout sessions
9	Musts and Wants Overview	Nick Siegler	11:00	0:45	Study Members receive a status of the Decision Matrix Musts and Wants
10	Lunch- NACA room	All	11:45	1:15	
11	Environments Overview	Dave Miller	13:00	0:45	Study Members are presented a systems level discussion of the various space environments for assembly and operations
12	Introduction to Breakout sessions	Rudra Mukherjee	13:45	0:15	Study Members get a quick primer on the breakout sessions
13	Breakout Session 1	Breakout Leads	14:00	1:45	Session will be dedicated to pros and cons of various available concept orbits
14	Break		15:45	0:15	
15	Breakout Session 2	Breakout Leads	16:00	1:45	Three breakout groups commence evaluations of various assembly concepts
16	Outbrief	Breakout Leads	17:45	0:15	Breakout leads provide quick updates on the two breakout sessions
17	Adjourn		18:00	0:00	
	End Day 1		18:00		
18	No Host Group Dinner @ "The Vanguard"		19:30		<a href="https://www.thevanguard757.com/">https://www.thevanguard757.com/</a>

**No Host Group Dinner Reservations are under Christina Williams**  
**Please arrive within 20 minutes of the reservation time which is 7:30pm**  
<https://www.thevanguard757.com/>  
**The Vanguard Brew Pub & Distillery**  
**504 North King Street, Hampton**  
**(757) 224-1216**

**In-Space Assembled Telescope Study Workshop October 2-4, 2018**  
**NASA Langley Research Center Hampton, VA**

**Date: Wednesday, October 3**

Meeting time: 8:00 am - 6:00 pm (ET)

Webex: No remote participation available on day 2

Dial-In:

Website: [https://exoplanets.nasa.gov/exep/technology/in-space-assembly/iSAT\\_study/](https://exoplanets.nasa.gov/exep/technology/in-space-assembly/iSAT_study/)

Conference Room: Building 2102 REID Rooms

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	Topic	Presenter	Start	Duration	Intended Result
1	Sign in and Refreshments		<b>8:00</b>	0:30	
2	Recap	Nick Siegler	8:30	0:15	Quick recap of day 1
3	Breakout session 3	Breakout Leads	8:45	1:30	3 groups evaluate the concepts
4	Break		10:15	0:15	
5	Breakout session 4	Breakout Leads	10:30	1:30	3 groups evaluate the concepts
6	Group Photo	All	12:00	0:15	
7	Lunch- NACA room (Guest Speaker: Debi Tomek, Deputy Director of Space Technology and Exploration at LaRC)	All	12:15	1:00	
8	Breakout session 5	Breakout Leads	13:15	1:30	3 groups evaluate the concepts
9	Break		14:45	0:15	
10	Breakout session 6	Breakout Leads	15:00	1:30	3 groups evaluate the concepts
11	Outbrief		16:30	1:30	Facilitators provide detailed recap of their group's findings on the different concepts (including day 1 and 2)
12	Adjourn		18:00		
End Day 2			18:00		

**Dinner on your own. Local eateries provided in logistics guide**

**In-Space Assembled Telescope Study Workshop October 2-4, 2018  
NASA Langley Research Center Hampton, VA**

**Date: Thursday, October 4**

Meeting time: 8:00 am - 12:30 pm (ET)

Webex: <https://jpl.webex.com> Meeting number 901 215 640

Dial-In: 844-575-9329 Passcode: 901 215 640

Website: [https://exoplanets.nasa.gov/exep/technology/in-space-assembly/iSAT\\_study/](https://exoplanets.nasa.gov/exep/technology/in-space-assembly/iSAT_study/)

Conference Room: Building 2102 REID Rooms

Wifi: "nasaguest" or "nasa" for NASA employees & contractors

	Topic	Presenter	Start	Duration	Intended Result
1	Sign in and Refreshments		<b>8:00</b>	0:30	
2	Recap	Rudra Mukherjee	8:30	0:15	Recap of findings from days 1 and 2
3	Hybrid Concepts	Nick Siegler	8:45	0:30	Study Members discusses any new concepts hybridizing the concepts from day 1 and 2
4	Map Concepts to KT Matrix	Nick Siegler	9:15	2:45	Study Members discuss relative merits for the different concepts per the criteria in the Musts and Wants
5	Summary/Wrap Up	Siegler/Thronson/ Mukherjee	12:00	0:30	Next steps and action items are identified
	Adjourn		12:30		
End Day 3			12:30		

**Optional Tour: Flat Floor Facility w/ 20m long reach manipulator arm and the Gantry  
1:15-3:15pm**