



## Non-Nuclear Exploration of the Solar System

**April 12-15, 2021**  
**Overview Schedule**

**Monday, April 12, 2021**

### Welcome, Introduction and Context Setting Talks

Time in PDT	Event	Speaker
7:45 - 8:00	Welcome to the workshop! Please get yourself settled into the Think Tank room early to leave plenty of time for unexpected technical hitches (test your mic, grab some coffee or tea), and informally get to know your fellow participants as we all get ready to start at the top of the hour.	
8:00 - 9:30	Logistics Study vision Goals and expectations for workshop Participant Introductions (30 seconds each) Zoom group photo	Michele Judd John Brophy
9:30 - 10:00	Context Talk: Space Solar Power Project Overview (20 mins + 10 mins discussion)	Sergio Pellegrino Harry Atwater
10:00 - 10:30	Break - Get up and MOVE for at least 10 minutes ;- ) and then meet folks in Gather Town, think about the study's vision, or discuss context talk	
10:30 - 11:00	Context Talk: Advanced Photovoltaics for Low Intensity Low Temperature (LILT) (20 mins + 10 mins discussion)	Andreea Boca Jonathan Grandidier
11:00 - 11:30	Context Talk: Wireless Power Transfer (optical and RF) (20 mins + 10 mins discussion)	Philip Lubin
11:30 - Noon	Context Talk: Electric Propulsion State of the Art (20 mins + 10 mins discussion)	Elaine Petro Colleen Marrese-Reading
Noon - 1:00	Grab lunch! Hang out in Gather Town with old and new friends if you like or help with your kid's homework, walk the dog - just take care of yourself.	
1:00 - 1:30	Context Talk: Solar Sails/Large Deployable Structures (20 mins + 10 mins discussion)	Les Johnson
1:30 - 2:00	Breakout Group discussion, sign-ups	All
2:00 - 5:00	Gather Town remains open for: - Homework & Research (group / individual activity) - Setting up informal conversations/collaborations	
5:00	Day 1 ends	

**Tuesday, April 13, 2021**

Time in PDT	Event	Speaker
7:45 - 8:00	Pop into Gather Town, check out the announcement board, meet up with your early time zone colleagues or explore the new rooms in Gather Town.	
8:00 - 8:10	Logistics Overview of day Zoom group photo	Michele Judd Team Leads
8:10 - 8:25	Lightning Talks: Outer Planets Science Trajectories for SEP outer planet missions and requirements	Jennifer Scully Steve McCarthy
8:25 - 10:00	Breakout Session #1	All
10:00 - 10:30	Break - Get up and MOVE for at least 10 minutes ;- ) and then meet folks in Gather Town, think about today's focus area and breakout sessions	
10:30 - 11:00	Report outs from Breakout Sessions (5 minutes each)	Breakout Teams
11:00 - 11:45	Lightning Talks: Perovskite solar cell production Perovskite solar cell technology status Perovskite solar cell technology development for space applications State of the art in nuclear power systems: RTGs and Fission reactors TBC	Joseph Luther Ian Sellers Mike Kelzenberg Ralph McNutt TBC
11:45 - 11:50	Organize Breakout Session #2	Team Leads
11:50 - 12:50	Grab lunch! Hang out in Gather Town or do what you need to to stay sane.	
12:50 - 2:00	Breakout Session #2: Topic TBD	All
2:00 - 5:00	Gather Town remains open for: - Homework & Research (group / individual activity) - Setting up informal conversations/collaborations	
5:00	Day 2 ends	

**Wednesday, April 14, 2021**

Time in PDT	Event	Speaker
7:45 - 8:00	Pop into Gather Town, check out the announcement board, meet up with your early time zone colleagues or explore the new rooms in Gather Town.	
8:00 - 8:45	Logistics Overview of day Group pulse Group photo	Michele Judd Team Leads
8:45 - 9:15	Report outs from Breakout Sessions (5 minutes each)	Breakout Teams
9:15 - 9:30	Organization of Breakout Session #3	TBD
9:30 - 10:00	Break - Get up and MOVE for at least 10 minutes ;- ) and then meet folks in Gather Town, think about today's focus area and breakout sessions	
10:00 - 11:30	Breakout Session #3	TBD
11:30 - 12:30	Grab lunch! Hang out in Gather Town or do what you need to to stay sane.	
12:30 - 1:30	Provocative Questions Whiteboards Session	All
1:30 - 2:00	Plenary Session to display and discuss results from Whiteboards Session	All
2:00 - 5:00	Gather Town remains open for: - Homework & Research (group / individual activity) - Setting up informal conversations/collaborations	
5:00	Day 3 ends	

**Thursday, April 15, 2021**

**Putting it all together**

<b>Time in PDT</b>	<b>Event</b>	<b>Speaker</b>
7:45 - 8:00	Pop into Gather Town, check out the announcement board, meet up with your early time zone colleagues or explore the new rooms in Gather Town.	
8:00 - 8:10	Logistics Overview of day Group Photo	Michele Judd Team Leads
8:10 - 9:45	Breakout Session #4	All
9:45 - 10:15	Break - Get up and MOVE for at least 10 minutes ;- ) and then meet folks in Gather Town, think about today's focus area and breakout sessions	
10:15 - 11:00	Roadmaps with prioritized list of technology directions/investments along with ground test and flight test demos	All
11:00 - 11:30	Brief overview outline of the final report and writing assignments	All
11:30 - 11:45	Advocacy Plan	All
11:45 - 11:55	Reflections	All
11:55 - NOON	Workshop closing	Michele Judd
NOON	Day 4 ends with pizza lunch!	