



ISDC 2025 Schedule

Space Solar Power Symposium

As of 6/6/25

Thursday, June 19	Salon 13/14
	Session I. Welcome Remarks. Gary Barnhard (Xtraordinary Innovative Space Partnerships) and John C. Mankins (Mankins Space Technology)
10:00 am	Session II. Keynote Presentations/Program Level Government Space Solar Power Activities
10:15 am	Japan's Space Solar Power Program. Koji Tanaka (Japan Aerospace Exploration Agency)
10:35 am	Japan's OHISAMA Project. Koichi Ijichi (Japan Space Systems)
10:55 am	Paths to Realizing the Promise of Space Solar Power. Dr. Paul Jaffe (University of Maryland)
11:15 am	European Union's Space Solar Power Technology Activities. Stela Tkatchova (European Union)
11:35 am	United Kingdom Space Solar Power Activities. Dale Wyllie (United Kingdom Space Agency)
11:55 am	United States' Space Solar Power Activities. John C. Mankins (Mankins Space Technology)
12:00 noon	END
	Space Solar Power Technical Presentations (Government / Commercial / Academic)
2:00 pm	Session III. Session Introduction. Gary Barnhard (Xtraordinary Innovative Space Partnerships)
2:05 pm	State of the Industry Report Space Solar Power. Kevin Barry (Xtraordinary Innovative Space Partnerships)
2:30 pm	XISP-Inc Lunar Power & Light Company: A Bridge to Realizing the Value of Other Transactional Authority (OTA) for fostering Public-Private. Partnerships Gary Barnhard (Xtraordinary Innovative Space Partnerships)
3:00 pm	On Orbit Assembly the Key to Large Space Infrastructure. Bruce Pittman (Spacebilt)
3:30 pm	AFRL/USSF SSP SSPIDR ARACHNE Mission and Beyond. Nikolai Joseph (Air Force Research Laboratory)
4:00 pm	Virtus Solis Technologies Space Solar Power Activities. Bryan Zetlen (Virtus Solis Technologies)
4:30 pm	Wireless Power Transfer. Darren Boyd (NASA Marshall Space Flight Center)
5:00 pm	Session IV. NSS/IAA/IAF Space Solar Power Technology State-of-the-Art Assessment Circa 2025. John C. Mankins (Mankins Space Technology)
6:00 pm	END



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Friday, June 20

Salon 13/14

2025 International Space Solar Power Student Competition

10:00 am Session V. The 2025 International Space Solar Power Student Competition, Semi-Finals sponsored by SPACE Canada, will include presentations from the top six of the thirty-one competing teams. The selected winners will receive a stipend to support their attendance at IAC 2025, Sydney, Australia, where they will have the opportunity to present their work. Moderator: Haroon Oqab (SPACE Canada)

SSP Student Competition Competitor #1

SSP Student Competition Competitor #2

SSP Student Competition Competitor #3

SSP Student Competition Competitor #4

SSP Student Competition Competitor #5

SSP Student Competition Competitor #6

12:00 noon

END

Space Solar Power Technical Presentations (Government / Commercial / Academic)

2:00 pm Session VI. Session Introduction. Gary Barnhard (Xtraordinary Innovative Space Partnerships)

2:05 pm Update on Space Solar Power Alpha Mark IV. John C. Mankins (Mankins Space Technology)

2:30 pm Space Elevators and Space Solar Power. Dr. Peter Swan (International Space Elevator Consortium)

2:55 pm Exploring a Market-Oriented Policy Architecture for Space-Based Solar Power. Dr. Anna Ni (California State University San Bernardino) and Caleb Ni

3:20 pm One Small Step for Space Solar Power, and then Another. Seth Potter (Independent Researcher)

3:45 pm Laser Power Beaming: Research to Resource. Tom Nugent (PowerLight Technologies)

4:10 pm Ancillary Services Needed for Cislunar Space. Scott Johnson (Spacely Packets)

4:35 pm AstroStrom Space Solar Power Activities. Arthur Woods (AstroStrom)

5:00 pm Session VII. What do we do now!? Group discussion moderated by Gary Barnhard (Xtraordinary Innovative Space Partnerships). Aligning current program contexts, and symposium brainstorming results with reality. What can be done to coordinate, cooperate, collaborate, and encourage competition to advance the critical achievable Space Solar Power, wireless power and ancillary services beaming technologies? . . . for assessment at next year's symposium.

5:50 pm Closing remarks. Gary Barnhard (Xtraordinary Innovative Space Partnerships) and John C. Mankins (Mankins Space Technology)

6:00 pm

END