



ISDC 2022 Session Schedule

Space Solar Power

As of 5-17-22

Thursday, May 26 Washington A

- 8:30 am Opening Remarks. Co-chairs: John C. Mankins (Mankins Space Technology, Inc.) and Gary Barnhard (Xtraordinary Innovative Space Partnerships, Inc.)
- 9:00 am **National Programs**
- Naval Research Lab (NRL). Elias Wilcoski (U.S. Naval Research Laboratory)
- Air Force Research Lab (AFRL). James Winter (Air Force Research Lab)
- Space Energy Initiative (UK). Dave Homfray (Catapult Satellite Applications)
- Japan Aerospace Exploration Agency (JAXA). Koji Tanaka (Japan Aerospace Exploration Agency)
- European Space Agency (ESA). Leopold Summerer (European Space Agency)
- China Academy of Space Technology (CAST). Xinbin Hou (China Academy of Space Technology)
- 12:00 noon WORKING LUNCH
- 1:00 pm **Commercial/Academic Programs & Projects**
- SPS Alpha. John C. Mankins (Mankins Space Technology, Inc.)
- Cassiopeia. Ian Cash (International Electric Company Limited)
- End-to-End Frequency Agnostic Remote Power & Ancillary Services. Gary Barnhard (Xtraordinary Innovative Space Partnerships, Inc.)
- How to Finance Space Based Solar Power and the Impact of Blended Financing. Kevin Barry (Light Bridge)
- Micro & Millimeter Wave Beaming. Hooman Kazemi (Raytheon Technologies)
- Always On Solar Power. Edward Tate (Virtus Solis)
- Long Range Wireless Technology. Greg Kushnir (Emrod)
- Power Grid In Space. Keval Dattani (Space Power)
- A Comprehensive Outlook for Cis-Lunar Development, Space Solar Power, Energy, Our Environment and Earth's Swiftly Changing Global Climate. Darel Preble (Space Solar Power Institute)
- Space Technology as a Key Element of More Rational, Effective Climate Policy. Paul Werbos (Independent Researcher)

Friday, May 27 Washington A

- 10:00 am International Academy of Astronautics (IAA) Space Solar Power Committee. Introduction to the collaborative session on different modular approaches to an end-to-end systems and reverse engineering paths to fielding them.
- 12:00 noon LUNCH
- 2:00 pm Space Solar Power Policy Panel crossover with Space Policy session. In Regency A.
- 3:15 pm 2022 International Space Solar Power Student Competition: Presentations of new research in the field