

Space Solar Power

As of 5-15-17

Thursday, May 25 Grand Ballroom B

Bringing the Future Forward, What Can and Are We Doing Now to Retire Real and Perceived Risks

- 9:00 am Opening Remarks. Gary Barnhard (XISP) and John C. Mankins (Mankins Space Systems)
- 9:15 am ISS Space-to-Space Power Beaming TD3 Mission. Gary Barnhard (XISP)
- 10:00 am Space Solar Power Demonstration to Deployment. John C. Mankins (Mankins Space Systems)
- 10:45 am Microwave Sources & Rectenna Opportunities. Hooman Kazemi (Raytheon)
- 11:30 am Wireless Power/Energy Analysis Tool with User Interface. Corey Bergsrud (Naval Surface Warfare Center)

Creating the Necessary Confluence of Interests Between Commercial and Other Entities

- 1:00 pm Space Solar Power - When, Where, Who, Why and How? Darel Preble (Space Solar Power Institute)
- 1:45 pm Opportunities and Constraints for Wireless Power Transmission. Dr. Seth Potter (Independent Consultant)
- 2:30 pm Why Addressing Anthropogenic CO₂ and Fossil Fuel Energy Insecurity is the Key to Selling Space Solar Power. Mike Snead (Spacefaring Institute)
- 3:15 pm Creating Opportunities for Cooperation/Collaboration. Dr. Michael Swartwout (St. Louis University)
- 3:45 pm Space Solar Power Demonstration or Pilot? Thinking Outside the Envelope. Joseph Rauscher (Spacefaring Services)
- 4:15 pm A WPT Demo Plan to Achieve the Boundary Beyond Goldstone. Feng Hsu (First Sunergy)
- 4:30 pm On New Developments of Space Solar Power Station (SSPS) of China. Dr. Baoyan Duan (Xidian University)
- 5:15 pm Space Solar Power Station and Its Key Materials in China. Dr. Changcun Ge (Beijing University of Science and Technology)

Space Solar Power

As of 5-8-17

Friday, May 26

Grand Ballroom B

Technical & Economic Challenges of Infrastructure TD3

- 10:00 am Next Steps In Modular Design. Dr. Paul Jaffe (U.S. Naval Research Laboratory)
- 10:45 am U.N. Sustainability Goals & the Cislunar Marketplace. David Dunlop (Space Development Foundation)
- 11:15 am Critical Path Technology & Cislunar Project Orchestration. Jim Keravala (Off-World Consortium)
- 2:00 pm Lunar Power & Light Company. Daniel Faber, Brad Blair and Gary Barnhard (XISP)

Space Solar Power International Student Competition

- 2:45 pm Space Solar Power International Student Competition Introduction. John C. Mankins (Mankins Space Systems)
- 3:00 pm Space Solar Power International Student Competition Presentations. The semi-finalist team presentations include students from the following institutions: Dalian University of Technology (China), Delft University of Technology (The Netherlands), Hampton University (USA), Harbin Institute of Technology (China), Hosei University (Japan), Indiana University (USA), Kitawato University (Japan), Princeton University (USA), Indiana University–Purdue University Indianapolis (USA), Shizuoka University (Japan), The Graduate University of Advanced Studies (Japan), Tokai University (Japan), Tokyo University of Science (Japan), University of Colorado, Boulder (USA), and the University of Maryland (Baltimore County and College Park Campuses, USA).
- 5:30 pm Charting the Path Forward, Fostering Cooperation, Collaboration, and Competition. John C. Mankins (Mankins Space Systems)