Tuesday, Oct. 10

Coffee Break: 9:30 – 10 am

Tutorial: 10am-12:00pm; Chair: Seyed Zekavat, Michigan Tech;  
Title: An Introduction to Space Solar Power, Reza Zekavat (Michigan Tech), Paul Jaffe (NRL),  
Greg Durgin (Georgia Tech); Darel Preble (Space Solar Power Institute).

Lunch: 12:00 – 12:30 pm

Keynote: 12:30 – 13:30 pm; Delivered by Panagiotis Tsiotras, Georgia Tech;  
Title: The Next Frontier: The Challenges in Developing Truly Autonomous Space Robots

Panel 1: 13:30–15:00pm; Chairs: Avram Bar-Cohen, Raytheon, Gary Barnhard, CEO, XISP-Inc.,  
Title: Robotics as a resource for assembly, operation, and maintenance of SSP systems;

1. External Robotic Operations on the ISS and Lessons Learned, Deana Smith, and Danielle Cormie,  
   CSA ISS Operations;
3. Robotics 2.0 - what does it mean and why it will change everything you already know about  
   robotics, Panos Tsiotras, Georgia Tech;

15:00-15:30pm: Space-to-Space Power Beaming (SSPB) mission, Avram Bar-Cohen, Raytheon

Coffee Break: 15:30 – 4 pm

Panel 2: 4:00 – 6:00 pm; Chair: T. Vinogradova, Northrop Grumman  

1. SSPI introduction & overview, Michael Kelzenberg, California Institute of Technology
2. Ultra-light photovoltaic system for SSPI, Pilar Espinet, California Institute of Technology
   Vinogradova, Northrop Grumman, Space Systems

Wednesday, Oct. 11

Coffee Break: 9:30 – 10 am

Paper/Presentation Session: 10 am – 12:00pm; Chair: Darel Preble, SSP Institute  
Title: Full Papers and Abstract Presentation

1. Abstract: Criteria for Comparing Power Beaming Demonstrations, Paul Jaffe, NRL
2. Full Paper: Using Inkjet Printed Circuits on a Transparent Substrate for Microwave Energy  
   Harvesting for Space Based Solar Power, Greg Durgin, et. al., Georgia Tech;
   NRL
5. Abstract: The Approaching US Energy Economic Crisis, Gail Tverberg, Energy Economics Director,  
   Space Solar Power Institute;