AGENDA

Sunday 7 October 2018

Afternoon  Arrival/Hotel Check-in
Hotel Palomar, 2121 P Street, NW

18:00    Welcome Dinner
OSA Headquarters, 2010 Massachusetts Ave, NW

Monday 8 October 2018

8:00    Breakfast
OSA Headquarters, 2010 Massachusetts Ave, NW

8:30    Welcome
Elizabeth Rogan, CEO, OSA

8:45    Program Overview and Goals
Grover Swartzlander, Rochester Institute of Technology

The Big Picture on In-Space Propulsion

9:10    Solar Sailing
Bruce Betts, Planetary Society, United States

9:30    Polarization Gratings
Nelson Tabiryan, Beamco, United States

9:50    Beamed
Harry Atwater, California Institute of Technology, United States

10:10   Dielectric Metafilms
Vladimir Shalaev, Purdue University, United States
Monday 8 October 2018, continued

10:30 Coffee Break

Panel Presentations and Discussions

11:00 Sailcraft Mission
 Panelists: Les Johnson, NASA, United States
 Nathan Barnes, L’Garde, United States

11:20 Moderated Discussion: Sailcraft Mission

11:50 Radiation Pressure on a Solar or Laser Driven Sailcraft
 Panelists: Bruce Betts, Planetary Society, United States
 Peter Klupar, Breakthrough Initiatives, United States
 Edward Montgomery, Mont. Tech, LLC, United States

12:10 Moderated Discussion: Radiation Pressure on a Solar or Laser Driven Sailcraft

12:40 Lunch, provided

13:40 Metamaterial Films
 Panelists: Wei-Ting Chen, Harvard University, United States
 Rajesh Menon, University of Utah, United States
 Vladimir Shalaev, Purdue University, United States
 Nelson Tabiryan, Beamco, United States

14:00 Moderated Discussion: Metamaterial Films

14:30 Breakout Session Introductions (approx. 13 minutes each)

15:10 Coffee Break

15:40 Breakout Session Time

Inner Solar System (Near Sun & Near Earth) Mission
 Leader: Ben Diedrich, Dynamic Concepts, Inc., United States

Outer Solar System & Beyond Mission
 Leader: Darren Garber, NXTRAC, United States

Laser-Light Driven Sail Mission
 Leader: Peter Klupar, Breakthrough Initiatives, United States

18:00 Dinner
 Bistrot du Coin, 1738 Connecticut Ave NW
Tuesday 9 October 2018

8:00       Breakfast
            OSA Headquarters, 2010 Massachusetts Ave, NW

8:30       Space Environment Requirement
            Panelists: Harry Atwater, California Institute of Technology, United States
            James Moore, Nexolve, United States
            Joe Minow, NASA, United States

8:50       Moderated Discussion: Space Environment Requirement

9:30       Coffee Break

Breakout Group Reports & Full Discussion

10:00      Inner Solar System (Near Sun & Near Earth) Mission
            Leader: Ben Diedrich, Dynamic Concepts, Inc., United States

10:40      Outer Solar System & Beyond Mission
            Leader: Darren Garber, NXTRAC, United States

11:20      Laser-Light Driven Sail Mission
            Leader: Peter Klupar, Breakthrough Initiatives, United States

12:00      Final Discussions & Next Steps
            Incubator Hosts

13:00      Lunch, provided

14:00      Adjourn