AGENDA

Sunday 20 May 2018

Afternoon  Arrival/Hotel Check-in
            The Fairfax and Embassy Row, 2100 Massachusetts Ave, NW
18:00   Welcome Dinner
            Ezmè, 2016 P Street, NW

Monday 21 May 2018

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

8:30   Welcome
            Greg Quarles, Chief Scientist, OSA

8:45   Program Overview and Goals
            Host(s)

9:00   Mid-IR Photonic Chips
            Alexander Spott, University of California, Santa Barbara, United States

9:20   The Challenges of Chip-Based Mid-IR Comb Spectroscopy for Chemical Sensing
            Alexander Gaeta, Columbia University, United States

9:40   The Challenges of Mid IR LIDAR/Remote Sensing for the Photonic Chip
            Shamsul Arafain, University of California, Santa Barbara, United States

10:00  Coffee Break
10:30  **Panel Discussion: Mid IR Light Sources on a Chip**
Jerry Meyer, Naval Research Laboratory, United States
Gerard Wysocki, Princeton University, United States
Irina Sorokina, Norwegian University of Science & Technology, Norway

12:30  Lunch, provided

1:30  **Panel Discussion: Waveguide Materials, Fabrication and Function**
Robert Norwood, University of Arizona, United States
Gunther Roelkens, Ghent University-Imec, Belgium
Jurgen Michel, Massachusetts Institute of Technology, United States
Goran Mashanovich, University of Southampton, United Kingdom
Anuradha Agarwal, Massachusetts Institute of Technology, United States

3:30  Coffee Break

4:00  **Panel Discussion: Applications**
Ray Chen, Omega Optics / University of Texas at Austin
Jesse Frantz Naval Research Laboratory, United States
James Ortolf, BAE Systems, Inc., United States

6:00  Dinner
Darlington House, 1610 20th St NW
Tuesday 22 May 2018

8:00  Breakfast
Quad headquarters, 2010 Massachusetts Ave, NW

8:30  Mid-IR Roadmapping – Discussion and Next Steps
  Ray Chen, Omega Optics / University of Texas at Austin
  Mark Earnshaw, Nokia-Bell Labs, United States
  Thomas Nelson, Air Force Research Lab / AIM, United States
  Alexander Gaeta, Columbia University, United States

10:30 Coffee Break

10:50 Open Forum

11:30 Summaries from Hosts
  Key challenges
  Proposed solutions
  Path forward (government, academia, industry programs...)

12:30 Lunch, provided