Draft Agenda

DAY 1  May 19, 2020

13:00 – 13:30  Welcome, Introduction and Agenda
Moderator: Ralph Iovinelli
Speakers: Kevin Welsh or Becky Cointin (FAA)

13:30 – 14:15  FAA Research Overview
Speaker: Jim Hileman (FAA)

14:15 – 15:00  NASA Emissions Research Overview
Moderator: Daniel Jacob
Speaker: Angela Surgenor (NASA)

15:00 – 15:15  Break

15:15 – 16:00  Canada Emissions Research Overview
Moderator: Maryalice Locke
Speakers: Wendy Bailey (TCCA), Greg Smallwood, Prem Lobo, and Anthony Brown (NRC)

16:00 – 16:45  An Overview of EPA’s Work in Aviation Emissions
Moderator: Laszlo Windhoffer
Speakers: Bryan Manning and Bob Giannelli (EPA)

End of Day 1
DAY 2  
May 20, 2020

08:30 – 10:00  
ND-MAX Measurements and Contrail Science Part I  
Moderator: Daniel Jacob  
Speakers:  
Bruce Anderson (NASA)  
Rich Moore (NASA) & Daniel Sauer (DLR)  
Tobias Schripp (DLR)

10:00-10:15  
Break

10:15-11:30  
ND-MAX Measurements and Contrail Science Part II  
Moderator: Daniel Jacob  
Speakers:  
Christiane Voigt (DLR)  
Tiziana Bräuer (DLR)  
Mark Stettler (Imperial College, London)  
Ulrich Schumann (DLR)

11:30-12:00  
Non-volatile Particulate Matter Standards and Challenges  
Moderator: Daniel Jacob  
Speaker: Joseph Zelina (GE)

12:00-13:00  
Lunch

13:00 – 14:00  
Civil Supersonic Transport Emissions  
Moderator: Laszlo Windhoffer  
Speakers: Jonathan Seidel (NASA)  
Holger Pfaender (GaTech)  
Ray Speth (MIT)

14:00 – 15:00  
Climate Impacts of Aviation  
Moderator: Rangasayi Halthore  
Speakers: David Lee (MMU)  
Don Wuebbles (UIUC)

15:00 – 15:15  
Break

15:15-16:15  
Source Apportionment and Health Exposure  
Moderator: Jeetendra Upadhyay  
Speakers: Kevin Lane (BU)  
John Durant (Tufts)  
Elena Austin (UW)

16:15-17:00  
Fuel Properties and Environmental Impacts  
Moderator: Maryalice Locke  
Speakers: Ray Speth (MIT)  
Anna L. Oldani (FAA)

End of Day 2
DAY 3  May 21, 2020

08:30-09:15  Use of AEDT in Airport Emissions & Air Quality Analysis
Moderator: Mohammed Majeed
Speakers: Justin Godin (KBE) – Use of AEDT in Airport Air Quality Analysis
Roger Chang (ERG for EPA) – AEDT to develop the EPA’s National Emissions Inventory (NEI) 2017

09:15-10:15  Airport-specific Air Quality Assessment Dispersion Model
Moderator: Jeetendra Upadhyay
Speakers: Saravanan Arunachalam (UNC)
            Ulf Janicke (Janicke Consulting, Germany)

10:15 – 10:30  Break

10:30 – 11:15  ACRP Emissions and Air Quality Projects
Moderator: Rangasayi Halthore
Speakers: Joe Navarrete (NAS)
            Project 02-82: Developing a Roadmap to Achieve Zero-Emissions Status—Cadmus, Jeff Morrison, PI
            Project 02-85: Commercial Space Vehicle Emissions Modeling - Blue Ridge, Shane Lympany

11:15 – 12:00  Emissions Implications of New Technology
Moderator: Rangasayi Halthore
Speakers: Jayant Sabnis (MIT)
            Jimmy Tai (GaTech)

12:00 – 12:30  Discussion and Concluding Remarks
Ralph Iovinelli (FAA)

End of Day 3

Meeting Adjourned