

AVIATION EMISSIONS CHARACTERIZATION
18th Annual Meeting
Virtual Format
May 19-21, 2020

Please join my meeting from your computer, tablet or smartphone.

<https://global.gotomeeting.com/join/785452997>

You can also dial in using your phone.

United States: [+1 \(872\) 240-3212](tel:+18722403212)

Access Code: 785-452-997

New to GoToMeeting? Get the app now and be ready when your first meeting starts:

<https://global.gotomeeting.com/install/785452997>

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: <i>Bruce Anderson (NASA)</i> <i>Rich Moore (NASA) & Daniel Sauer (DLR)</i> <i>Tobias Schripp (DLR)</i>
10:00-10:15	Break
10:15-11:30	ND-MAX Measurements and Contrail Science Part II Moderator: Daniel Jacob Speakers: <i>Christiane Voigt (DLR)</i> <i>Tiziana Bräuer (DLR)</i> <i>Mark Stettler (Imperial College, London)</i> <i>Ulrich Schumann (DLR)</i>
11:30-12:00	Non-volatile Particulate Matter Standards and Challenges Moderator: Daniel Jacob Speaker: <i>Joseph Zelina (GE)</i>
12:00-13:00	Lunch
13:00 – 14:00	Civil Supersonic Transport Emissions Moderator: Laszlo Windhoffer Speakers: <i>Jonathan Seidel (NASA)</i> <i>Holger Pfaender (GaTech)</i> <i>Ray Speth (MIT)</i>
14:00 – 15:00	Climate Impacts of Aviation Moderator: Rangasayi Halthore Speakers: <i>David Lee (MMU)</i> <i>Don Wuebbles (UIUC)</i>
15:00 – 15:15	Break
15:15-16:15	Source Apportionment and Health Exposure Moderator: Jeetendra Upadhyay Speakers: <i>Kevin Lane (BU)</i> <i>John Durant (Tufts)</i> <i>Elena Austin (UW)</i>
16:15-17:00	Fuel Properties and Environmental Impacts Moderator: Maryalice Locke Speakers: <i>Ray Speth (MIT)</i> <i>Anna L. Oldani (FAA)</i>
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 Lympny

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