



Operationalizing Contrail Avoidance Virtual Workshop Agenda

Wednesday, September 7, 2022

Time (ET)	Time (PT)	Topic	Speaker(s)
12:00PM – 12:15PM	9:00AM – 9:15AM	Introduction and Welcome	<ul style="list-style-type: none"> TBD, NASA Executive Lance Sherry, Director of the Center for Air Transportation Systems Research, GMU Anna Cavolowsky, Program Specialist, NASA
12:15PM – 12:45PM	9:15AM – 9:45AM	Climate Action Plan and Contrails	<ul style="list-style-type: none"> James Hileman, Chief Scientific and Technical Advisor for Environment and Energy, FAA
12:45PM – 1:00PM	9:45AM – 10:00AM	Framing the Workshop	<ul style="list-style-type: none"> Lance Sherry, Director of the Center for Air Transportation Systems Research, GMU Andy Lacher, Chief Technologist for Future Airspace Operations, NASA
1:00PM – 1:15PM	10:00AM – 10:15AM	EUROCONTROL Experience with Contrail Avoidance	<ul style="list-style-type: none"> Niels Lokman, Chief Operations Officer, EUROCONTROL Maastricht Upper Airspace Control
1:15PM – 1:45PM	10:15AM – 10:45AM	What We Know and What We Don't Know About the Science of Aircraft Contrails and Their Impact on Climate Change	<ul style="list-style-type: none"> Ulrich Schumann, DLR Christiane Voigt, Head of Department Institute of Atmospheric Physics, DLR
1:45PM – 2:00PM	10:45AM – 11:00AM	Radiative Forcing Estimates from Satellite Images	<ul style="list-style-type: none"> Kevin McCloskey, Google
2:00PM – 2:15PM	11:00AM – 11:15AM	BREAK	
2:15PM – 3:00PM	11:15AM – 12:00PM	PANEL: Airline Perspective on Sustainability MODERATOR: TBD	<ul style="list-style-type: none"> Aaron Robinson, Senior Manager - Environmental Strategy and Sustainability, United Airlines TBD TBD TBD
3:00PM – 3:15PM	12:00PM – 12:15PM	Operational Perspective	<ul style="list-style-type: none"> Catherine Jackson, President, Airline Dispatchers Federation
3:15PM – 3:45PM	12:15PM – 12:45PM	Flight Planning Tool Implications	<ul style="list-style-type: none"> Adam Durant, Founder and Chief Executive Officer, Satavia Ian McKay, Executive Director, Orca Sciences

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			<ul style="list-style-type: none">• Branko Zugic, CTO, Orca Sciences• Marc Shapiro, Applied Scientist, Orca Sciences
3:45PM – 4:00PM	12:45PM – 1:00PM	BREAK	
4:00PM – 4:15PM	1:00PM – 1:15PM	Weather Prediction Models and Tools Challenges	<ul style="list-style-type: none">• Stephan Baughcum, Emissions and Atmospheric Effects Technical Fellow, Boeing
4:15PM – 4:30PM	1:15PM – 1:30PM	Overview of the State-of-the-Art of Satellite Image Identification of Contrails	<ul style="list-style-type: none">• Steven Barrett, Associate Department Head AeroAstro, MIT
4:30PM – 5:00PM	1:30PM – 2:00PM	DISCUSSION: Looking to the Future	<ul style="list-style-type: none">• All the Above and the Participants

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