

**INTERNATIONAL AIRCRAFT MATERIALS & SYSTEMS FORUM MEETING**  
**Agenda (Subject to Change)**  
**April 16-18, 2024**

Tuesday 4/16/2024		Wednesday 4/17/2024		Thursday 4/18/2024			
8:00 - 8:30	Attendee Check-In/Badge Pick-Up	8:00- 8:30	Attendee Check-In/Badge Pick-Up	8:00- 8:30	Attendee Check-In/Badge Pick-Up		
	Meeting Room: Borgward Saal		Meeting Room: Borgward Saal		Meeting Rooms: See ( ) below Task Group Name.		
	FAA CHAIR: Dhaval Dadia		FAA CHAIR: Dhaval Dadia				
8:30- 9:00	Host Welcome/Venue Logistics - Airbus	8:30- 8:50	Battery Fire Simulator - Small Scale Testing Results - D. Dadia (FAA)	8:30- 10:00	<b>VFP Task Group</b> - Tina Emami (Borgward Saal) <b>Cargo MPS Task Group</b> - Dhaval Dadia (Salon Roselius) <b>RTCA Task Group</b> - Steve Rehn (Salon London) <b>Waste Compartment Fire Containment Task Group</b> - Scott Campbell (Salon Bergen)		
9:00- 9:15	Attendee Introductions	8:50- 9:30	Boeing MPS Chamber: A Comparison of Suppressed & Unsuppressed Multiple Fuel Fires Verdagent & Halon 1301- R. Darr / W. Quigley (Boeing)				
9:15- 9:30	FAA Fire Safety Branch Overview	9:30- 9:45	EASA Cargo Compartment Research/Regulatory Update				
	FAA CHAIR: Tina Emami	9:45- 10:15	Break				
9:30- 9:50	VFP Update - T. Emami (FAA)		FAA CHAIR: Steve Rehn				
9:50- 10:05	Heat Release Update & HR2 Smoke Monitoring- M. Spencer (Marlin Engineering)	10:15- 10:30	UN Lithium Battery Classification - S. Rehn (FAA)				
10:05- 10:30	Break	10:30- 10:45	SAE G-27 General Update - B. Johnson (Boeing)			10:00- 10:30	Break
10:30- 10:45	HR2 TRL 6 - B. Johnson (Boeing)	10:45- 11:00	SAE G-27 Round Robin Testing - S. Rehn (FAA)			10:30- 12:00	<b>VFP Task Group</b> - Tina Emami (Borgward Saal) <b>Cargo MPS Task Group</b> - Dhaval Dadia (Salon Roselius) <b>Additive Manufacturing Task Group</b> - Dan Keslar (Salon London) <b>MCC Task Group (Similarity &amp; ILS Recap, Interest in Users Group)</b> - Rich Walters (Salon Bergen)
10:45- 11:00	Flow Analysis of the Sonic Choke - T. Spanos (Boeing)	11:00- 11:20	PED Fire Containment Bag Testing - D. Keslar (FAA)				
11:00- 11:20	RTCA Update - S. Rehn (FAA)	11:20- 11:30	Lithium Battery State of Charge Testing - D. Keslar (FAA)				
11:20- 11:25	Additive Manufacturing Update - D. Keslar (FAA)	11:30- 11:45	New Battery Hazard Measurement Capabilities DC/GC/MS - R. Walters (FAA)				
11:25- 11:40	Handheld Extinguisher Toxicity Update [Recorded] - N. Safronava (FAA)	11:45- 12:00	EASA Batteries Research/Regulatory Update	12:00- 1:30	Lunch Break		
11:40- 11:55	Waste Compartment Fire Containment TG - S. Campbell (Safran)	12:00- 1:30	Lunch Break	1:30- 3:00	<b>OSU/HR2 Task Group</b> - Brian Johnson (Salon Bergen) <b>HFC Replacement Task Group</b> - Wade Stolting (Salon Roselius)		
11:55- 12:05	Univ of Maryland: Detection of Signatures from Internal Contaminant Sources (E-Nose) [Recorded] - L. Anaya (FAATC)	1:30- 3:00	Discussion on Fire Related to Hydrogen (Borgward Saal)				
12:05- 1:30	Lunch Break						
	FAA CHAIR: Rich Walters						
1:30- 1:50	U of Massachusetts: Next Generation Flame-Retardant Polymers & Composites U of Maryland: Measurement & Modeling of Hazardous Substances Produced by Polymers in Fires - R. Walters (FAA)						
1:50- 2:05	MCC Interlaboratory Study Update - R. Walters (FAA)						
2:05- 2:10	FAATC Engine Nacelle Testing Update (FAATC) - D. Dadia (FAA)						
2:10- 2:25	SAE A-22 Committee Update - D. Laborie / J. Ostic	3:00- 3:30	Break	3:00- 3:30	Break		
2:25- 2:40	FAA AC 20-135 Revision Update - P. Dang (FAA)	3:00 - 3:30	Break		Meeting Room: Borgward Saal		
2:40- 2:45	U of Cincinnati: Fundamental Processes & Design Considerations for the NexGen Burner - D. Dadia (FAA)	3:30- 5:00	Discussion on Fire Related to Hydrogen (Borgward Saal)		FAA CHAIR: Dhaval Dadia		
2:45- 3:00	EASA Powerplant Research-Regulatory Update - Rémi Deletain			3:30- 4:30	Task Group Reports		
3:00- 3:25	Break			4:30- 4:45	Additional Discussion/Close of Meeting		
	FAA Chair: Dhaval Dadia				<b>Meeting Redesign</b> In order to maximize participation and minimize travel and venue costs, we have decided to combine the Forum meetings into one meeting. In addition, we are structuring the meeting based on our internal Research Project Areas (RPAs). The RPAs include Cabin Safety, Hazardous Materials Safety, Cargo Compartment Fire Suppression, Long Range Research, and Engine/Powerplant Fire Protection.		
3:25- 3:40	Cargo Research Area Updates - D. Dadia (FAA)						
3:40- 3:55	Minimizing Halon Emissions & Improve MRO of Aircraft Fire Extinguishers by Acoustic Emission Technology - A. Baika (Aviasonic)						
3:55- 4:05	SAE Battery Standard Status - D. Dadia (FAA)						
4:30	<b>(Pre-registered tour participants only)</b> Bus Departs Conference Center Bremen for Airbus EcoMaT Laboratory Tour (1.5 hour tour)						
6:30	Return to Conference Center Bremen after Airbus EcoMaT Laboratory Tour						