

AMTAS Autumn 2017 Meeting

November 8, 2017
 UW Center for Urban Horticulture

AGENDA *

8:00–8:30 AM	Registration / Continental Breakfast	
8:30–8:40 AM	Welcome / AMTAS Update	Mark Tuttle, AMTAS Director
8:40–9:10 AM	Session I	
8:40–9:10	• Updates on Composite Initiatives	Cindy Ashforth/Larry Ilcewicz, FAA
9:10 AM–11:00 AM	Session II	
9:10–9:30	• Improving Adhesive Bonding of Composites through Surface Characterization	Marc Staiger/Rita Taitano Johnson/ Brian Flinn, UW
9:30–9:35	<i>Discussion</i>	
9:35–9:55	• Development and Evaluation of Environmental Durability Test Methods for Composite Bonded Joints	Heather McCartin/Dan Adams, U of U
9:55–10:00	<i>Discussion</i>	
10:00–10:20	• Effect of Surface Contamination on Composite Bond Integrity and Durability	Ben Boesl for Dwayne McDaniel, FIU
10:20–10:25	<i>Discussion</i>	
10:25–10:40 AM	Coffee Break	
10:40–11:00	Session II Industry Feedback	Ashley Tracey, The Boeing Co.
11:00 AM–1:20 PM	Session III	
11:00–11:20	• Durability of Adhesively Bonded Aerospace Structure	Lloyd Smith, Wash State U
11:20–11:25	<i>Discussion</i>	
11:25–11:45	• Evaluation of Notch Sensitivity of Composite Sandwich Structures	Marcus Stanfield/Dan Adams, U of U
11:45–11:50	<i>Discussion</i>	
11:50–12:10	• Effects of Moisture Diffusion in Sandwich Composites	Mark Tuttle, UW
12:10–12:15	<i>Discussion</i>	
12:15–1:00 PM	Lunch	
1:00–1:20	Session III Industry Feedback	Ashley Tracey, The Boeing Co.

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1:20–2:55 PM	Session IV	
1:20–1:40	• Failure of Notched Laminates under Out-of-Plane Bending	Taylor Rawlings/John Parmigiani, OSU
1:40–1:45	<i>Discussion</i>	
1:45–2:05	• Development of a Building Block Approach for Crashworthiness Testing of Composites	Dan Adams, U of U
2:05–2:10	<i>Discussion</i>	
2:10–2:30	• Safety and Certification of Discontinuous Fiber Composite Structures	Marco Salviato, UW
2:30–2:35	<i>Discussion</i>	
2:35–2:55	Session IV Industry Feedback	Matt Dilligan, The Boeing Co.
2:55–3:05 PM	Wrap Up/Adjourn	Mark Tuttle, AMTAS Director