

AMTAS Autumn 2015 Meeting

November 4, 2015
 University of Washington

AGENDA *

8:30–9:00 AM	Registration / Continental Breakfast	
9:00–9:15 AM	Welcome / AMTAS Update	Mark Tuttle, AMTAS Director
9:15–11:00 AM	Session I	
9:15–9:35	• Failure of Notched Laminates under Out-of-Plane Bending	Mitchell Daniels/John Parmigiani, OSU
9:35–9:40	<i>Discussion</i>	
9:40–10:00	• Evaluation of Notch Sensitivity of Composite Sandwich Structures	Marcus Stanfield/Dan Adams, U of U
10:00–10:05	<i>Discussion</i>	
10:05–10:25	• Effects of Moisture Diffusion in Sandwich Composites	Mark Tuttle, UW
10:25–10:30	<i>Discussion</i>	
10:30–11:00	Industry Feedback	Kaz Karayev, The Boeing Co.
11:00–11:15 AM	Coffee Break	
11:15 AM–12:05 PM	Session II A	
11:15–11:35	• Effect of Surface Contamination on Composite Bond Integrity and Durability	Benjamin Boesl/ Dwayne McDaniel, FIU
11:35–11:40	<i>Discussion</i>	
11:40–12:00	• Durability of Adhesively Bonded Aerospace Structures	Preetam Mohapatra/Lloyd Smith, Wash State U
12:00–12:05	<i>Discussion</i>	
12:05–12:45 PM	Lunch	
12:45 PM–2:05 PM	Session II B	
12:45–1:05	• Improving Adhesive Bonding of Composites through Surface Characterization: Effect of amine blush on bond quality	Brian Flinn, UW
1:05–1:10	<i>Discussion</i>	
1:10–1:30	• Development and Evaluation of Environmental Durability Test Methods for Composite Bonded Joints	Dan Adams, U of U
1:30–1:35	<i>Discussion</i>	
1:35–2:05	Industry Feedback	Kay Blohowiak, The Boeing Co.

CONTINUES ON OTHER SIDE

2:05–3:55 PM	Session III	
2:05–2:25	• Delamination/Disbond Arrest Features in Aircraft Composite Structures	Luke Richard/Kuen Lin, UW
2:25–2:30	<i>Discussion</i>	
2:30–2:50	• Certification of Discontinuous Composite Material Forms for Aircraft Structures	Karen Harban/Mark Tuttle, UW
2:50–2:55	<i>Discussion</i>	
2:55–3:15	• Modeling Progressive Damage and Failure of Laminated Composites	Tony Waas, UW
3:15–3:20	<i>Discussion</i>	
3:20–3:50	Industry Feedback	Hamid Razi, The Boeing Co.
3:50–4:15 PM	Session IV	
3:50–4:15	• FAA Safety Management Updates	Larry Ilcewicz/Cindy Ashforth, FAA
4:15–4:30 PM	Wrap Up/Adjourn	Mark Tuttle, AMTAS Director