



AMTAS Autumn 2014 Meeting

November 12, 2014
Edmonds Conference Center

AGENDA *

8:00–8:30 AM	Registration / Continental Breakfast	
8:30–8:45 AM	Welcome / AMTAS Update	Mark Tuttle, AMTAS Director
8:45–11:00 AM	Session I	
8:45–9:05	• Improving Adhesive Bonding of Composites through Surface Characterization	Brian Flinn, UW
9:05–9:10	<i>Discussion</i>	
9:10–9:30	• Test Method Development for Environmental Durability of Composite Bonded Joints	Dan Adams, U of U
9:30–9:35	<i>Discussion</i>	
9:35–9:55	• Effect of Surface Contamination on Composite Bond Integrity and Durability	Dwayne McDaniel, FIU
9:55–10:00	<i>Discussion</i>	
10:00–10:30	Industry Feedback	Kay Blohowiak, The Boeing Co.
10:30–10:50 AM	Coffee Break	
10:50 AM–12:35 PM	Session II	
10:50–11:10	• Composite Thermal Damage Measurement with Handheld FT-IR	Tucker Howie/Brian Flinn, UW
11:10–11:15	<i>Discussion</i>	
11:15–11:35	• Certification of Discontinuous Composite Material Forms for Aircraft Structures	Michael Arce/Mark Tuttle, UW
11:35–11:40	<i>Discussion</i>	
11:40–12:00	• Development of an Active Flutter Suppression Research Plan	Eli Livne, UW
12:00–12:05	<i>Discussion</i>	
12:05–12:35	Industry Feedback	Bill Avery, The Boeing Co.
12:35–1:15 PM	Lunch	

CONTINUES ON OTHER SIDE

* subject to change

1:15–3:25 PM	Session III	
1:15–1:35	• Failure of Notched Laminates under Out-of-Plane Bending	Mitchell Daniels & Levi Suryan for John Parmigiani, OSU
1:35–1:40	<i>Discussion</i>	
1:40–2:00	• Notch Sensitivity of Composite Sandwich Structures	Dan Adams, U of U
2:00–2:05	<i>Discussion</i>	
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	• Durability of Adhesively Bonded Aerospace Structures	Lloyd Smith, Wash State U
2:50–2:55	<i>Discussion</i>	
2:55–3:25	Industry Feedback	Gerry Mabson, The Boeing Co.
3:25–3:45 PM	Session IV	
3:15–3:35	• FAA Safety Awareness Course Developments	Larry Ilcewicz/Cindy Ashforth, FAA
3:45–4:00 PM	Wrap Up/Adjourn	Mark Tuttle, AMTAS Director