

AMTAS Autumn 2013 Meeting

November 14, 2013
 Edmonds Conference Center

AGENDA *

8:00–8:30 AM	Registration / Continental Breakfast	
8:30–8:45 AM	Welcome / AMTAS Update	Mark Tuttle, AMTAS Director Michael Bragg, Dean, UW College of Engineering
8:45–10:30 AM	Session I	
8:45–9:05	• Failure of Notched Laminates under Out-of-Plane Bending	Imran Hyder & Nasko Atanasov for John Parmigiani, OSU
9:05–9:10	<i>Discussion</i>	
9:10–9:30	• Delamination/Disbond Arrest Features in Aircraft Composite Structures	Luke Richard & Kuen Lin, UW
9:30–9:35	<i>Discussion</i>	
9:35–9:55	• Damage Tolerance Test Method Development for Sandwich Composites	Dan Adams, U of U
9:55–10:00	<i>Discussion</i>	
10:00–10:30	Industry Feedback	Gerry Mabson, The Boeing Co.
10:30–10:45 AM	Coffee Break	
10:45 AM–12:55 PM	Session II	
10:45–11:05	• Effect of Surface Contamination on Composite Bond Integrity and Durability	Tomas Pribanic for Dwayne McDaniel, FIU
11:05–11:10	<i>Discussion</i>	
11:10–11:30	• Improving Adhesive Bonding of Composites through Surface Characterization	Ashley Tracey for Brian Flinn, UW
11:30–11:35	<i>Discussion</i>	
11:35–11:55	• Test Method Development for Environmental Durability of Bonded Composite Joints	Nick Brown & Dan Adams, U of U
11:55–12:00	<i>Discussion</i>	
12:00–12:20	• Durability of Bonded Aerospace Structures	Lloyd Smith, Wash State U
12:20–12:25	<i>Discussion</i>	
12:25–12:55	Industry Feedback	Will Grace, The Boeing Co.
12:55–1:30 PM	Lunch	

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1:30–3:40 PM	Session III	
1:30–1:50	• Certification of Discontinuous Composite Material Forms for Aircraft Structures	Mark Tuttle, UW
1:50–1:55	<i>Discussion</i>	
1:55–2:15	• Composite Thermal Damage Measurement with Handheld FT-IR	Brian Flinn, UW
2:15–2:20	<i>Discussion</i>	
2:20–2:40	• Development of a Test/Analysis Certification Protocol for Crashworthiness of Composite-intensive Commercial Transport Fuselage	Bonnie Wade for Paolo Feraboli, UW
2:40–2:45	<i>Discussion</i>	
2:45–3:05	• Development of an Active Flutter Suppression Research Plan	Eli Livne, UW
3:05–3:10	<i>Discussion</i>	
3:10–3:40	Industry Feedback	Mostafa Rassaian, The Boeing Co.
3:40–4:00 PM	Session IV	
3:40–4:00	• FAA Safety Awareness Course Developments	Larry Ilcewicz, FAA
4:00–4:15 PM	Wrap Up/Adjourn	Mark Tuttle, AMTAS Director