

AMTAS Autumn 2008 Meeting

November 21, 2008
 University of Washington, HUB 310

AGENDA *

8:00–8:30 AM	Registration / Continental Breakfast	
8:30–9:00 AM	Welcome / AMTAS-JAMS Status and Future Plans	Mark Tuttle, AMTAS Director
9:00–10:30 AM	Research Projects I	
9:00–9:20	• Identification and Validation of Analytical Chemistry Methods for Detecting Composite Surface Contamination and Moisture	Mark Tuttle for Dwayne McDaniel, FIU
9:20–9:30	<i>Discussion</i>	
9:30–9:50	• Improving Adhesive Bonding of Composites through Surface Characterization	Brian Flinn, UW MSE
9:50–10:00	<i>Discussion</i>	
10:00–10:20	• Precise Control of Cure Processes During Repair for Aircraft Structures	Ashley Emery, UW ME
10:20–10:30	<i>Discussion</i>	
10:30–10:45 AM	Coffee break	
10:45 AM –12:15 PM	Research Projects II	
10:45–11:05	• Failure of Notched Laminates under Out-of-Plane Bending	Tim Kennedy, Oregon State Univ.
11:05–11:15	<i>Discussion</i>	
11:15–11:35	• Development of Reliability-Based Damage Tolerant Structural Design Methodology	Kuen Lin, UW A&A
11:35–11:45	<i>Discussion</i>	
11:45–12:05	• Combined Global/Local Variability and Uncertainty in Integrated Aeroservoelasticity of Composite Aircraft	Eli Livne, UW A&A
12:05–12:15	<i>Discussion</i>	
12:15–1:00 PM	Lunch	
1:00–2:30 PM	Research Projects III	
1:00–1:20	• Certification of Discontinuous Composite Material Forms for Aircraft Structures	Paolo Feraboli, UW A&A
1:20–1:30	<i>Discussion</i>	
1:30–1:50	• Development and Evaluation of Fracture Mechanics Test Methods for Sandwich Composites	Andrew Gill for Dan Adams, U of U
1:50–2:00	<i>Discussion</i>	
2:00–2:20	• Standardization of Numerical & Experimental Methods for Crashworthiness of Composite Materials	Paolo Feraboli, UW A&A
2:20–2:30	<i>Discussion</i>	
2:30–3:00 PM	Break	

CONTINUES ON OTHER SIDE

3:00–4:00 PM	Research Projects IV	
3:00–3:20	• Course Development: Composites Awareness for the Aviation Safety Inspector	Charles Seaton, Edmonds CC
3:20–3:30	<i>Discussion</i>	
3:30–3:50	• Advanced Materials & Manufacturing Training Innovation Center (AMMTIC)	Jerrilee Mosier, Edmonds CC
3:50–4:00	<i>Discussion</i>	
4:00–4:15 PM	Wrap Up/Adjourn	Mark Tuttle, AMTAS Director