



AMTAS Autumn 2005 Meeting

October 13, 2005

University of Washington, HUB 200

AGENDA *

8:30–8:40 AM	Welcome & Introductions	Mark Tuttle, AMTAS Director
8:40–9:10 AM	Joint Advanced Materials & Structures (JAMS) Center of Excellence Report	Curtis Davies, FAA
9:10–9:45 PM	AMTAS Status	Mark Tuttle, AMTAS Director
9:45–10:45 AM	Research Projects I	
9:45–10:15	• Course Development: Maintenance of Composite Aircraft Structures	Charles Seaton, Edmonds CC
10:15–10:45	• The Effect of Surface Treatment on the Degradation of Composite Adhesives	Lloyd Smith, WSU
10:45–11:00 AM	Coffee break	
11:00 AM –Noon	Research Projects II	
11:00–11:30	• Improving Adhesive Bonding of Composites through Surface Characterization	Brian Flinn/Molly Phariss, UW MSE
11:30–12:00	• Combined Global/Local Variability and Uncertainty in Integrated Aeroservoelasticity of Composite Aircraft	Andrey Styuart for Eli Livne, UW A&A
Noon–12:45 PM	Lunch (box lunch will be provided)	
12:45–1:15 PM	Research Projects III	
	• Reliability–based Damage Tolerance Design	Kuen Lin, UW A&A
1:15–2:30 PM	Panel Discussion: Regional Advanced Materials Center	Rob Albers, UW/Boeing, Moderator
	• Wind Energy	Bruno Boursier, Hexcel
	• Sporting Goods/Recreation	Shreeram Raj, Cytec Engineered Materials Inc.
	• Marine	Dave Humphreys, Washington State Ferries
	• Aerospace	Steve Coe, Boeing
	• Transportation	Dan Farmer, PACCAR
2:30–2:50 PM	Break	
2:50–4:10 PM	Presentations by AMTAS Industry Partners & New Industries	
	• Test Specifications	Bob LaMantea, Intec
	• The Challenge of Using Nano-Modifiers to Achieve Multi-Functionality	Abdel Abusafieh, Cytec Engineered Materials Inc.
	• Modeling Resin-Infusion Processes	Jason Scharf, C&D Zodiac
	• Janicki Industries	John Weller, Janicki Industries
4:10–4:30 PM	Next Steps	Mark Tuttle, AMTAS Director
4:30 PM	Adjourn	

* subject to change