



## AMTAS Spring 2007 Meeting

April 12, 2007

University of Washington, HUB 310 (200A & 204N breakouts)

### AGENDA

8:00 AM	Registration & Coffee	
8:30–8:50 AM	Welcome and Brief Remarks	Mark Tuttle, AMTAS Director Matt O'Donnell, Dean, UW College of Engineering
8:50–9:00 AM	AMTAS Composites Institute Short Course	Kuen Lin, AMTAS Co-Director
9:00-9:15 AM	Failure of Notched Laminates under Out-of-Plane Bending	Tim Kennedy, Oregon State Univ.
9:15–9:30 AM	Workshop Briefing/Expectations	Mark Tuttle/Larry Ilcewicz, FAA
9:30–9:45 AM	Coffee Break	
9:45–11:30 AM	Current AMTAS Research Breakout Sessions:	
	Damage Tolerance & Aeroelastic Instability (Lin/Livne)	Room 310
	Adhesive Bonding (Flinn, Smith)	Room 200A
	Maintenance & Repair Curricula (Seaton)	Room 204N
<p>These breakout sessions are devoted to topics being addressed in ongoing AMTAS studies. Attendees will participate in the breakout session of their choice. Attendees are asked to review summaries related to the session they will attend prior to the meeting.</p> <p>These summaries are available at <a href="http://depts.washington.edu/amtas/events/amtas_07spring/PI_presentations.html">http://depts.washington.edu/amtas/events/amtas_07spring/PI_presentations.html</a>. Each breakout session will begin with a brief (5–10 min) summary presentation by AMTAS PIs, followed by a detailed give-and-take discussion intended to clarify the results, significance, and practical implications of each study, and to identify future needs and next steps.</p>		
11:30 AM –12:15 PM	Lunch	
12:15–1:15 PM	Presentations on Future R&D	
12:15–12:35	Multifunctional Nanostructures for Aerospace Applications	Jiangyu Li, UW
12:35–12:55	Composites Crashworthiness and Energy Absorption	Paolo Feraboli, UW
12:55–1:15	The Analysis of Composite Failures	Jonathan Gosse, The Boeing Co.

(continues on reverse)

1:15–1:25 PM	Workshop Briefing/Expectations	John Quinlivan
1:25–2:30 PM	Breakouts (3): Future Research Areas	Moderators: Dan Hoffman, Bob LaMantea and Patrick Stickler
<p>These breakout sessions are brainstorming sessions intended to identify future research or educational efforts that should be undertaken by AMTAS partners. Attendees will be divided into three groups, each with a moderator.</p>		
2:30–2:45 PM	Refreshment Break	
2:45–3:45 PM	Report-outs: Current AMTAS R&D (20 min. ea.)	
2:45–3:05	Damage Tolerance and Aeroelastic Instability	Cliff Chen & Kumar Bhatia, The Boeing Co.
3:05–3:25	Adhesive Bonding	Peter Van Voast, The Boeing Co. & Eugene Dan-Jumbo, Northrop Grumman
3:25–3:45	Maintenance & Repair Curriculum	Joe Hafenrichter, The Boeing Co.
3:45–4:15 PM	Report-outs: Future Research Areas (10 min. ea.)	Moderators
4:15 PM	Next steps/Wrap-up	Mark Tuttle
4:30 PM	Adjourn/Social Hour	