AMTAS Autumn 2012 Meeting
October 31, 2012
University of Washington, HUB Lyceum

AGENDA *

8:00–8:30 AM  Registration / Continental Breakfast

8:30–8:45 AM  Welcome / AMTAS Update
Mark Tuttle, AMTAS Director

8:45–10:15 AM  Session I
8:45–9:00  • Effect of Surface Contamination on Composite Bond Integrity and Durability
Tomas Pribanic for Dwayne McDaniel, FIU

9:00–9:05  Discussion

9:05–9:20  • Improving Adhesive Bonding of Composites through Surface Characterization
Ashley Tracey/Brian Flinn, UW

9:20–9:25  Discussion

9:25–9:40  • Durability of Adhesively Bonded Joints for Aircraft Structures
Dan Adams, U of U

9:40–9:45  Discussion

9:45–10:15  Industry Feedback
Kay Blohowiak, The Boeing Co.

10:15–10:30 AM  Coffee Break

10:30 AM–12:15 PM  Session II
10:30–10:45  • Failure of Notched Laminates under Out-of-Plane Bending
John Parmigiani, OSU

10:45–10:50  Discussion

10:50–11:05  • Delamination/Disbond Arrest Features in Aircraft Composite Structures
Kuen Lin, UW

11:05–11:10  Discussion

11:10–11:25  • Development and Evaluation of Fracture Mechanics Test Methods for Sandwich Composites
Dan Adams, U of U

11:25–11:40  • Damage Tolerance Test Method Development for Sandwich Composites
Dan Adams, U of U

11:40–11:45  Discussion

11:45–12:15  Industry Feedback
Gerry Mabson, The Boeing Co.

12:15–1:00 PM  Lunch

1:00–3:10 PM  Session III
1:00–1:15  • Certification of Discontinuous Composite Material Forms for Aircraft Structures
Brian Head/Mark Tuttle, UW

1:15–1:20  Discussion

1:20–1:35  • Development of a Test/Analysis Certification Protocol for Crashworthiness of Composite-intensive Commercial Transport Fuselage
Paolo Feraboli, UW

1:35–1:40  Discussion

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* subject to change
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<th>Time</th>
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<tr>
<td>1:40–1:55</td>
<td>Composite Thermal Damage Measurement with Handheld FT-IR</td>
<td>Brian Flinn</td>
<td>UW</td>
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<td>1:55–2:00</td>
<td>Discussion</td>
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<td>2:00–2:10</td>
<td>Update on Optimal Thermal Repair Project (ended 6/12)</td>
<td>Ashley Emery</td>
<td>UW</td>
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<td>2:10–2:40</td>
<td>FAA Safety Awareness Course Developments</td>
<td>Larry Ilcewicz</td>
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<td>2:40–3:10</td>
<td>Industry Feedback</td>
<td>Mostafa Rassaian</td>
<td>The Boeing Co.</td>
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<td>3:10–3:30 PM</td>
<td>Wrap Up/Adjourn</td>
<td>Mark Tuttle</td>
<td>AMTAS Director</td>
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