AMTAS Autumn 2014 Meeting
November 12, 2014
Edmonds Conference Center

AGENDA *

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

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

8:45–11:00 AM  Session I

8:45–9:05  • Improving Adhesive Bonding of Composites through Surface Characterization  Brian Flinn, UW

9:05–9:10  Discussion

9:10–9:30  • Test Method Development for Environmental Durability of Composite Bonded Joints  Dan Adams, U of U

9:30–9:35  Discussion

9:35–9:55  • Effect of Surface Contamination on Composite Bond Integrity and Durability  Dwayne McDaniel, FIU

9:55–10:00  Discussion

10:00–10:30  Industry Feedback  Kay Blohowiak, The Boeing Co.

10:30–10:50 AM  Coffee Break

10:50 AM–12:35 PM  Session II

10:50–11:10  • Composite Thermal Damage Measurement with Handheld FT-IR  Tucker Howie/Brian Flinn, UW

11:10–11:15  Discussion

11:15–11:35  • Certification of Discontinuous Composite Material Forms for Aircraft Structures  Michael Arce/Mark Tuttle, UW

11:35–11:40  Discussion

11:40–12:00  • Development of an Active Flutter Suppression Research Plan  Eli Livne, UW

12:00–12:05  Discussion


12:35–1:15 PM  Lunch

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<tr>
<th>Time</th>
<th>Session</th>
<th>Topic</th>
<th>Speaker(s)</th>
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<tr>
<td>1:15–3:25 PM</td>
<td>Session III</td>
<td>• Failure of Notched Laminates under Out-of-Plane Bending</td>
<td>Mitchell Daniels &amp; Levi Suryan</td>
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<td>for John Parmigiani, OSU</td>
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<td>1:35–1:40</td>
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<td>1:40–2:00</td>
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<td>• Notch Sensitivity of Composite Sandwich Structures</td>
<td>Dan Adams, U of U</td>
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<td>2:00–2:05</td>
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<td>* Discussion</td>
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<td>2:25–2:30</td>
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<td>2:30–2:50</td>
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<td>• Durability of Adhesively Bonded Aerospace Structures</td>
<td>Lloyd Smith, Wash State U</td>
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<td>2:50–2:55</td>
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<td>3:25–3:45 PM</td>
<td>Session IV</td>
<td>• FAA Safety Awareness Course Developments</td>
<td>Larry Ilcewicz/Cindy Ashforth, FAA</td>
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<td>3:45–4:00 PM</td>
<td>Wrap Up/Adjourn</td>
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<td>Mark Tuttle, AMTAS Director</td>
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