NOVEMBER 5TH AGENDA •

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

8:30–8:40 AM  Welcome / AMTAS Update  Mark Tuttle, AMTAS Director
              Ahmet Oztekin, JAMS Program Mgr.

8:40–9:10 AM  Session I
8:40–9:10  •  FAA Research Overview  Cindy Ashforth/Larry Ilcewicz, FAA

9:10 AM–11:00 AM  Session II
9:10–9:30  •  Evaluation of Parameters used in Progressive Damage Models  David Plechaty/John Parmigiani, OSU
9:30–9:35  Discussion
9:55–10:00  Discussion
10:00–10:20  •  Safety and Certification of Discontinuous Fiber Composite Structures  Marco Salviato, UW
10:20–10:25  Discussion

10:25–10:40 AM  Coffee Break

10:40–11:00 AM  Session II Industry Feedback  TBD, The Boeing Co.

11:00 AM–1:20 PM  Session III
11:00–11:20  •  Durability of Adhesively Bonded Aerospace Structure  Lloyd Smith, Wash State U
11:20–11:25  Discussion
11:25–11:45  •  Evaluation of Notch Sensitivity of Composite Sandwich Structures  Martin Raming/Dan Adams, U of U
11:45–11:50  Discussion
11:50–12:10  •  Effects of Moisture Diffusion in Sandwich Composites  Shiva Pattapu/Mark Tuttle, UW
12:10–12:15  Discussion

12:15–1:00 PM  Lunch

1:00–1:20 PM  Session III Industry Feedback  Ashley Tracey, The Boeing Co.

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<tr>
<th>Time</th>
<th>Session IV</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>1:20–1:40</td>
<td>• Improving Adhesive Bonding of Composites through Surface Characterization</td>
<td>Brian Flinn, UW</td>
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<td>1:40–1:45</td>
<td>Discussion</td>
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<td>1:45–2:05</td>
<td>• Development and Evaluation of Environmental Durability Test Methods for Composite Bonded Joints</td>
<td>Dan Adams, U of U</td>
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<td>2:05–2:10</td>
<td>Discussion</td>
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<td>2:10–2:30</td>
<td>• Effect of Surface Contamination on Composite Bond Integrity and Durability</td>
<td>Dwayne McDaniel, FIU</td>
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<td>2:30–2:35</td>
<td>Discussion</td>
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<td>2:35–2:55</td>
<td>Session IV Industry Feedback</td>
<td>TBD, The Boeing Co.</td>
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<td>2:55–3:05 PM</td>
<td>Wrap Up/Adjourn</td>
<td>Mark Tuttle, AMTAS Director</td>
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<td>3:05–3:30 PM</td>
<td>AMTAS PIs-only Discussion of Projects</td>
<td>Ahmet Oztekin, JAMS Program Mgr.</td>
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* subject to change
AMTAS Autumn 2019 Meeting
November 5–6, 2019
UW Center for Urban Horticulture

NOVEMBER 6TH AGENDA *

7:30–8:00 AM  Registration / Continental Breakfast

8:00 AM –12 PM  Composite Certification Tutorial  Larry Ilcewicz & Cindy Ashforth, FAA Composites Certification

NOTE: This is an abbreviated version of the certification tutorial offered at CMH–17 PMC meetings, based on Volume 3, Chapter 3 of the handbook. The intended audience is anyone involved in composite aviation applications, including material suppliers, academia, parst suppliers, and airframe manufacturers who are interested in influencing FAA composite research and AMTAS direction. No charge to attend.

8:00–8:45 AM  Certification 101

8:45–9:15 AM  Technical Challenges

9:15–10:00 AM  Material and Process Control

10:00 –10:15 AM  Coffee Break

10:15–11:15 AM  Structural Substantiation

11:15 AM –12 PM  Other Topics (Maintenance, Flutter, Crashworthiness, Fire Protection, and Lightning Protection)

12:00–1:00 PM  Lunch

1:00–4:00 PM  Future Research Planning

This session is an opportunity for all attendees to discuss industry and FAA research priorities, propose future projects, develop program management processes (including coordination with other JAMS research parties), scope budget, and identify funding mechanisms.

4:00–4:10 PM  Wrap-up and closure

* subject to change