



AMTAS Autumn 2016 Meeting

October 27, 2016
UW Center for Urban Horticulture

AGENDA *

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| 8:00–8:30 AM | Registration / Continental Breakfast | |
| 8:30–8:45 AM | Welcome / AMTAS Update | Mark Tuttle, AMTAS Director |
| 8:45–9:15 AM | Session I | |
| 8:45–9:15 | • Updates on Composite Initiatives | Cindy Ashforth/Larry Ilcewicz, FAA |
| 9:15 AM–11:20 PM | Session II | |
| 9:15–9:35 | • Improving Adhesive Bonding of Composites through Surface Characterization | Rita Taitano Johnson/Brian Flinn, UW |
| 9:35–9:40 | <i>Discussion</i> | |
| 9:40–10:00 | • Development and Evaluation of Environmental Durability Test Methods for Composite Bonded Joints | Heather McCartin/Dan Adams, U of U |
| 10:00–10:05 | <i>Discussion</i> | |
| 10:05–10:25 | • Effect of Surface Contamination on Composite Bond Integrity and Durability | Dwayne McDaniel, FIU |
| 10:25–10:30 | <i>Discussion</i> | |
| 10:30–10:50 AM | Coffee Break | |
| 10:50–11:20 | Session II Industry Feedback | Will Grace, The Boeing Co. |
| 11:20 AM–1:45 PM | Session III | |
| 11:20–11:40 | • Durability of Adhesively Bonded Aerospace Structure | Lloyd Smith, Wash State U |
| 11:40–11:45 | <i>Discussion</i> | |
| 11:45–12:05 | • Evaluation of Notch Sensitivity of Composite Sandwich Structures | Marcus Stanfield/Dan Adams, U of U |
| 12:05–12:10 | <i>Discussion</i> | |
| 12:10–12:30 | • Effects of Moisture Diffusion in Sandwich Composites | Mark Tuttle, UW |
| 12:30–12:35 | <i>Discussion</i> | |
| 12:35–1:15 PM | Lunch | |
| 1:15–1:45 | Session III Industry Feedback | Will Grace, The Boeing Co. |

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* subject to change

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| 1:45–3:45 PM | Session IV | |
| 1:45–2:05 | • Failure of Notched Laminates under Out-of-Plane Bending | Taylor Rawlings/John Parmigiani, OSU |
| 2:05–2:10 | <i>Discussion</i> | |
| 2:10–2:30 | • Delamination/Disbond Arrest Features in Aircraft Composite Structures | Luke Richard/Kuen Lin, UW |
| 2:30–2:35 | <i>Discussion</i> | |
| 2:35–2:55 | • Safety and Certification of Discontinuous Fiber Composite Structures | Marco Salviato, UW |
| 2:55–3:00 | <i>Discussion</i> | |
| 3:00–3:15 PM | Break | |
| 3:15–3:45 | Session IV Industry Feedback | Hamid Razi, The Boeing Co. |
| 3:45–4:00 PM | Wrap Up/Adjourn | Mark Tuttle, AMTAS Director |