

Welcome!

JAMS/AMTAS Fall 2019 Meeting

University of Washington
Center for Urban Horticultural

5 November 2019

Welcome!

- This is the 23rd AMTAS Meeting held since 2004
 - The meeting agenda, list of attendees, and a summary of WiFi connection info are all available at the registration desk:
 - Agenda: A two-day meeting involving twenty-two authors/coauthors representing 5 universities, the Boeing company, and the FAA
 - Day 1: Reports on progress in existing AMTAS studies
 - Day 2: (a) Tutorial: issues related to composite certification
(b) Future research planning
 - Attendees: 71 persons have pre-registered for the meeting
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AMTAS Updates

Background and Status



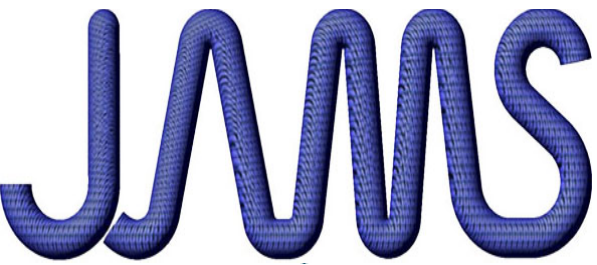
The FAA Center of Excellence Program

- FAA CoE program was initiated in 1990
 - Administered by Ms. Karen Davis of the W. J. Hughes Research Center (Atlantic City, New Jersey)
 - Twelve CoEs have been established since 1990 (six are active)
 - Additional information: www.faa.gov/go/coe
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JAMS-AMTAS-CECAM

- The FAA Joint Advanced Materials and Structures (JAMS) Center of Excellence was formed in 2004 and consists of two university teams:
 - AMTAS ('A'dvanced 'M'aterials in 'T'ransport 'A'ircraft 'S'tructures)
 - CECAM ('Ce'nter for 'C'omposites and 'A'dvanced 'M'aterials)
 - JAMS has received a 5-year extension (to 2024?)
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JAMS CoE Member Schools

AMTAS (Advanced Materials for Transport Aircraft Structures)

- University of Washington, Lead
- Washington State University
- Oregon State University
- Edmonds Community College
- Florida International University
- University of Utah



CECAM (Center for Composites and Advanced Materials)

- Wichita State University, Lead
- Northwestern University
- Purdue University
- Tuskegee University
- University of Delaware
- University of California at Los Angeles



JAMS/AMTAS Meetings

- Annual JAMS meetings
 - Held during spring (~ March-June)
 - Speakers from all 12 JAMS universities
 - The two lead universities (UW and WiSU) alternate as hosts
 - 2019 JAMS Meeting was hosted by WiSU, held in conjunction with SAMPE Mtg, 20-23 May, Charlotte, NC
 - 2020 JAMS Meeting will be hosted by UW, to held in conjunction with SAMPE Mtg, 4-7 May, Seattle, WA
 - Annual AMTAS meetings
 - Held during autumn (~ Oct-Nov) in the Pacific Northwest
 - Speakers drawn from AMTAS universities, industry, FAA
 - 71 registrants for today's meeting
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JAMS/AMTAS Administration

FAA personnel

- Karen Davis, CoE Grants Officer
Kathleen Voss, Pre-Award
Alan Teyssier, Post-Award
Ahmet Oztekin, JAMS Program Manager

W. J. Hughes Research Center, Atlantic City NJ

 - Larry Ilcewicz, FAA CSTA Advanced Composites,
Cindy Ashforth, FAA Senior Technical Specialist, Advanced
Composites

Airplane Transport Directorate Field Office
Des Moines, WA
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JAMS/AMTAS Administration

UW Personnel

Prof. Mark Tuttle, AMTAS Director

Ms. Ellen Barker, Assistant to the Director

JAMS/AMTAS Meetings

- Agendas and presentations from all past JAMS-AMTAS meetings are available from the AMTAS website:

<http://depts.washington.edu/amtas/>

(follow link to “Events”)

- Summary and presentations from the meeting today will be posted sometime next week (Ellen will send e-mail when site is updated)
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Special thanks to..

- The Boeing Company 
- Our many additional industrial partners, particularly
 - Hexcel Corporation 
 - Cytec 
 - Toray 
 - Bell Helicopters 
 - 3M  Science.
Applied to Life.™

Special thanks to..

- The University of Washington:
 - Provost Office (Vice Provost Mary Lidstrom)
 - College of Engineering (Dean Nancy Allbritton,
Vice Dean Greg Miller)
 - Department of Aeronautics and Astronautics
(Chair Kristi Morgansen)
 - Department of Materials Science and Engineering
(Chair Jihui Yang)
 - Department of Mechanical Engineering
(Chair Per Reinhall)
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- Please participate in the discussion throughout the day!!!
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 - Comments or Questions before we begin?
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Thanks for attending!
