



Winter 2020 Members Meeting

Jan 21 – 23 | Dayton, OH

AGENDA

Marriott University of Dayton | 1414 S Patterson Blvd, Dayton, OH 45409
 Agenda is subject to change. Visit the iacmi.org/winter2020 for more details.

<i>*All times listed in EST</i>		
TUESDAY, JANUARY 21		
8:30AM – 4:30PM	Board of Directors meeting (Invite only)	
8AM – 4:30PM	Compressed Gas Storage for Medium and Heavy Duty Transportation Workshop, Hosted by the U.S. Dept. of Energy <i>Note: There is a \$25 fee and separate registration for this workshop.</i>	University of Dayton Research Institute 1700 S Patterson Blvd, Dayton, OH 45469
11:30AM – 1PM	Lunch	Marriott at the University of Dayton Ballroom Lobby
8AM – 5PM	Pre-Scheduled Project Meetings Email Erin Brophy at ebrophy@iacmi.org for more information.	Marriott at the University of Dayton
1PM – 5PM	Tours at Dayton Composites Center Shuttles depart from Marriott at 12:45PM, 1:45PM, 2:45PM, 3:45PM	Dayton Composites Center
5:30PM	BOD meet in Marriott lobby to go to dinner Shuttle departs at 5:45PM	Marriott at the University of Dayton Lobby
6PM	BOD Dinner (Invite only)	Location emailed to BOD

WEDNESDAY, JANUARY 22		
7:00am – 8:30am	Project meetings, breakfast, registration	Marriott at the University of Dayton Ballroom
8:30am – 8:45am	Opening Remarks Alex Fitzsimmons, Chief of Staff for the Office of Energy Efficiency and Renewable Energy at the U.S. Department of Energy and the Acting Deputy Assistant Secretary for Energy Efficiency (DAS-EE) John Hopkins, IACMI	Marriott at the University of Dayton Ballroom
8:45 – 9:30am	Innovation Leadership in Ohio Glenn Richardson, JobsOhio Joe Zeis, Senior Advisor for Aerospace & Defense for Gov. DeWine John E. Leland, Vice President for Research and Executive Director, Research Institute University of Dayton	Marriott at the University of Dayton Ballroom
9:30am – 10:00am	Institute and IACMI Consortium Update John Hopkins and Dale Brosius, IACMI Tom Dobbins, ACMA	Marriott at the University of Dayton Ballroom

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10:00am – 10:45am	The role for composites in energy, transport, and manufacturing Julia Attwood, Head of Advanced Materials, Bloomberg NEF	University of Dayton Marriott Ballroom
10:45am – 11:15am	Break	University of Dayton Marriott Ballroom Lobby
11:15am – 12:30pm	Aerospace Panel: Rapid Low-Cost Manufacturing for Aerospace Structures Andrea Helbach, AFRL Amanda Simpson, Airbus Robert Koon, Lockheed Martin Jessica Sisk, US Army Combat Capability Development Command, Aviation & Missile Center	University of Dayton Marriott Ballroom
12:30PM – 1:30PM	Lunch and Exhibits	University of Dayton Marriott Ballroom Lobby
1:00PM – 1:30PM	Advanced Composites & Additive Manufacturing John Wilczynski, Executive Director, America Makes	University of Dayton Marriott Ballroom
1:30PM – 3:00PM	Technical Breakout Sessions:	
	<u>Aerospace Technologies Breakout</u> University of Dayton Marriott Ballroom Moderated by: Brian Rice, UDRI	<u>CGS Technologies Breakout</u> University of Dayton Marriott Tradewinds Moderated by: Ned Stetson, U.S. Department of Energy
1:30PM – 2:00PM	Overview of IACMI aerospace projects Scott Huelskamp, UDRI	DOE Fuel Cell Office Review of CGS Tank Cost Reduction Ned Stetson, Hydrogen Storage Program Manager, Fuel Cells Technologies Office, U.S. Department of Energy
2:00PM – 2:30PM	A Computational Design Methodology for Tailored Fiber Placement Preforms Daniel Rapping, UDRI	Progress on the Development of Hollow PAN Precursor for Carbon Fibers Matt Weisenberger, University of Kentucky
2:30PM – 3:00PM	Rapidclave past present, and future Dan Allman, Globe Manufacturing	Developing a New Polyolefin Precursor for Low-Cost, High-Strength Carbon Fiber T.C. Mike Chung, Penn State University
3:00pm – 3:30pm	Break and Exhibits	University of Dayton Marriott Ballroom Lobby
3:30pm – 4:00pm	Developing an Agile and Skilled Composites Workforce & MEEP Overview Joannie Harmon Heath, IACMI Wes Hobbs, Davis Technical College	University of Dayton Marriott Ballroom
4:00pm – 4:30pm	Wind Technology Update Derek Berry, NREL	University of Dayton Marriott Ballroom
4:30pm – 5:00pm	Highlighting SME Members & Closing Remarks Jeffery Ritz, Presidium Christian Fais, Schmidt & Heinzmann USA Tom Rose, AvPro Ben Dietsch, Cornerstone Research Group Moderated by Dale Brosius, IACMI	University of Dayton Marriott Ballroom
5:30pm – 6:00pm	Shuttles to Reception	University of Dayton Marriott Lobby
6:00pm – 9:00pm	Reception at the National Museum of the U.S. Air Force	1100 Spaatz St. Wright Patterson AFB, OH 45433

AGENDA

THURSDAY, JANUARY 23

7:30am – 8:30am	Workforce Advisory Board (invitation only)	University of Dayton Marriott Kiefaber
7:30am – 8:30am	Registration and Breakfast	University of Dayton Marriott Ballroom Lobby
8:30am – 8:35am	Welcome John Hopkins, IACMI	University of Dayton Marriott Ballroom
8:35am – 9:00am	Circular Economy Opportunities for Polymer Composites Jared Kusters, Nexight	University of Dayton Marriott Ballroom
9:00am – 9:45am	Composites Industry Economic Picture Michael Guckes, Gardner Intelligence	University of Dayton Marriott Ballroom
9:45am – 10:10am	Break	University of Dayton Marriott Ballroom Lobby
10:10am – 10:55am	Recycling and Embodied Energy Overview Soydan Ozcan, ORNL Chuck Ludwig, CHZ Technologies Mohamed Bouguettaya, BASF Jordan Harris, Vartega	University of Dayton Marriott Ballroom
10:55am – 11:10am	Ohio Lt. Governor Jon A. Husted	
11:10am – 12:45pm	Breakout Sessions	
	Automotive Breakout University of Dayton Marriott Ballroom Moderated by: Ray Boeman, IACMI & MSU	Additive Technologies Breakout University of Dayton Marriott Tradewinds Moderated by: Merlin Theodore, ORNL
11:10am – 11:35am	Update on Automotive Project Portfolio Ray Boeman, IACMI & Michigan State University	Printed Metal Molds for Mainstream Automotive Production John Unser, IACMI
11:35am – 12:10pm	Carbon Fiber Reinforced Polyolefin Body Panels Dan Houston, IACMI Megan Shewey, Ford Motor Company	Project 7.7 Materials Development and Advanced Process Simulation for Additive Manufacturing (AM) with Fiber-Reinforced Thermoplastics Alan Wedgewood, DuPont
12:10pm – 12:45pm	Development of NDE/NDT Tools for High Volume, High-Speed Inspection of CFRP Structures in Automotive Manufacturing Oleksii Karpenko, Michigan State University	Design and manufacturing of an aerospace blocker door using additive manufactured compression mold tooling Mike Bogdanor, Purdue University CMSC
12:40pm – 12:45pm	Closing Remarks	University of Dayton Marriott Ballroom
12:45pm – 1:45pm	Lunch and Exhibits	University of Dayton Marriott Ballroom Lobby
12:45pm – 1:45pm	Circular Economy Opportunities for Polymer Composites Focus Group University of Dayton Marriott, Oakwood Room Led by Jared Kusters, Nexight	Dual Technologies Roadmapping Workshop University of Dayton Marriott, Kettering Room Led by Ross Brindle, Nexight & Uday Vaidya, IACMI & UTK
2:00pm – 4:00pm	MEEP Partners Meeting (Invitation only)	University of Dayton Marriott Oakwood Room
12:00pm – 5:00pm	Pre-Scheduled Project Meetings Email Erin Brophy at ebrophy@iacmi.org for more information on project meetings.	