



Craig A. Blue, PhD
Chief Executive Officer
IACMI



Institute for **ADVANCED**
Composites Manufacturing
INNOVATION



IACMI-The Composites Institute

July 2016 Members Meeting

Institute for **ADVANCED**
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Craig A. Blue, PhD

CEO

July 27 2016

Welcome to IACMI's Summer 2016 Members Meeting

- Yesterday's Ribbon Cutting
- 300 attendees
- Indiana Importance
 - Modeling & Simulation Technology Area
 - Large Automotive GDP, employing over 100,000



The Institute for Advanced Composites Manufacturing Innovation

Brickyard 400



Members Meeting at a Glance

Connections, Content, Collaboration

Keynote presentations:



Connections

- Academia
- Industry
- Government

Content

- Projects: Existing and Future
- Roadmapping and Technology Advances
- Workforce Impact
- Facilities and Capabilities Update

Collaboration and Networking

- With Peers
- Within industry
- National Contacts
- IACMI, State of Indiana and Department of Energy leadership

What is IACMI-The Composites Institute?



There is no other organization that allows small business to interact with large and mid-sized companies within a wide range of industries. IACMI has allowed us to collaborate with not only leading industry partners but also National Laboratories such as Oak Ridge National Lab. We look forward to seeing the IACMI organization expand and also are excited to be a part of seeing advanced composites make major headway into new markets.

Jeff McCay

President Composite Applications Group



Public-Private Partnership with over \$250M in funding

Membership: 150
49 States

National Institute
6 State Partners

Strategic Partnerships increase capabilities and drive innovation

Technical Focus on Advanced Composites

Operated by Collaborative Composites Solutions Corporation (CCS), an independent not-for-profit

Wholly owned subsidiary of **The University of Tennessee** Research Foundation (UTRF)

2015

Building the Network

- ✓ **January 2015**
President Obama, VP Biden announce IACMI

Institute officially launches in June 2015

- ✓ **June 2015**
Inaugural IACMI Members Meeting with >350 attendees
Purdue breaks ground on \$50M composite facility
- ✓ **September 2015**
IACMI announces Call for Projects
- ✓ IACMI team presentation to over 700 attendees at SPE & Automotive Composites Conference
- ✓ VP Biden announces IACMI's scale-up facility in Detroit
- ✓ **October 2015**
- ✓ MOU announcement with CPC in NY establishing IACMI satellite in the Northeast
- ✓ IACMI ACMA and Composites One partnerships established and announced to over 7,500 attendees at CAMX.

2016

Engaging the Network

- ✓ **January 2016**
Members Meeting in Detroit with over 300 attendees
- ✓ **February 2016**
Over 130 executed membership contracts with 120 additional interested members in the pipeline
- ✓ **March 2016**
- ✓ SHYFT Innovation Leadership Conference in Chattanooga features Craig Blue as a thought-leader for national innovation in design and manufacturing
October 2015
- ✓ Technical Roadmapping event in Knoxville brings over 100 people to IACMI HQ
- ✓ **April 2016**
- ✓ Tennessee workforce training event in collaboration with Composites One
- ✓ STEM event to educate high school robotics students on advanced materials, specifically composites (100 attendees)
- ✓ IACMI leadership and external presence at Hannover Messe, Germany
- ✓ **May 2016**
- ✓ JEC Americas Atlanta- external presence with ORNL
- ✓ Technical Roadmapping phase 2 in Michigan with 110 attendees
- ✓ Toray project launch
- ✓ **June 2016**
- ✓ 15 IACMI Interns in place
- ✓ Workforce training event at new Wind Technology Facility (NREL, Colorado)



What's Next? 2016/2017 Preview

August 2016 : University of Tennessee Facility Fibers and Composites Facility Naming Ceremony



August 2016: Purdue workforce training event at newly opened IMI facility

September 2016: Colorado Wind Technology Center Facility opening

September 2016: CAMX

October 2016: JEC Conference in Tennessee



2017 IACMI Winter Members Meeting

January 31-
February 1

- ✓ Wind Blade Mold Demonstration
- ✓ Winter in Colorado

Colorado Wind Technology Area

Special Thanks to Ian Steff

- IACMI/CCS Board of Directors
- Indiana Economic Development Corporation / State of Indiana
 - Executive Vice President and Chief Innovation Officer
 - Former VP, Global Policy and Technology Partnerships, for the Semiconductor Industry Association (SIA).
 - Ian has a B.A. in International Studies from American University, and an M.A. in International Science and Technology Policy from George Washington University.



Questions?



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