

P2P COMPOSITES 2

Prototyping to Process for Composites

November 7-8 • Purdue University's Indiana Manufacturing Institute • West Lafayette, IN

Presented by Composites One in Partnership with IACMI

Composites One and the Closed Mold Alliance, along with IACMI and Magnum Venus Products would like to invite you to attend a composites workshop at Purdue University's Indiana Manufacturing Institute in West Lafayette, Indiana.

Workshop Address:

IACMI Modeling and Simulation Facility at Purdue University's
Indiana Manufacturing Institute
3957 N 100 W
West Lafayette, IN 47906

Networking Reception:

Please join us for a networking reception and supper-by-the-bite overlooking
Ross-Ade Stadium at the Shively Club
on Tuesday, November 7, from 6:00 p.m. - 9:00 p.m.

Ross-Ade Stadium - Shively Club

850 Steven Beering Dr
West Lafayette, IN 47906



P2P Composites 2 is Sponsored By:



BUILDING TRUST



P2P Composites 2 is Presented By:



8:00 a.m. - 8:20 a.m.

Welcome

Dave Smith, Vice President of Marketing, Composites One; Dr. R. Byron Pipes, John L. Bray - Distinguished Professor of Engineering, Purdue University; and IACMI Technology Area Director

8:30 a.m.

Innovative Modeling and Simulation Technology for Composites Manufacturing: The Virtual Factory

Presented By: Dr. R. Byron Pipes, John L. Bray - Distinguished Professor of Engineering, Purdue University; and IACMI Technology Area Director

Technical Cost Modeling & Implementation Strategies

Presented By: Jan-Anders Manson, Distinguished Professor of Materials Engineering and Chemical Engineering

9:30 a.m.

Session Previews

Session 1: HPRTM and LRTM Production Molding Cell

Presented By: Dr. Nathan Sharp, Purdue University, Doug Smith, President, RTM North; Travis Irvin, Sales Manager, Chomarat; Rick Pauer, Applications Manager, Polynt; Mike Beneteau, Owens Corning and John Brennan, Manager, Chem-Trend

Location : Raisbeck Engineering Composites Laboratory

Session 2: Compression Molding Prepregs and Thermoplastic Fibers

Presented By: Dr. Ben Denos, Purdue University, Juan Juarez, Advanced Composites Product Manager, Composites One; Scott Schuster, Gurit; and Doug Hammond, Polyone

Location: Molding Lab

Session 3: Rapid Tooling - : Subtractive Tooling

Presented By: Dan Alter, Advanced Composites Sales Specialist, Composites One; Steve Hager and Jim Hoge, SikaAxson

Location: CNC Lab and Additive Manufacturing Lab

Session 4: Rapid Tooling + : Additive Tooling

Presented By: Eduardo Barocio, Purdue University and Rick Pauer, Applications Manager, Polynt

	10:00 a.m. - 11:00 a.m.	11:15 a.m. - 12:15 p.m.	1:30 p.m. - 2:30 p.m.	2:45 p.m. - 3:45 p.m.
Group 1	Session 1	Session 2	Session 3	Session 4
Group 2	Session 2	Session 3	Session 4	Session 1
Group 3	Session 3	Session 4	Session 1	Session 2
Group 4	Session 4	Session 1	Session 2	Session 3

10:00 a.m.

Morning Concurrent Sessions

11:00 a.m.

15 Minute Break

12:15 p.m.

Luncheon Speaker

Molded Structural Composite Refrigerated Trailer and Tour

Robert Lane, Vice President of Product Engineering, Wabash National Corporation and Scott Lewit, President of Structural Composites

1:30 p.m.

Afternoon Concurrent Sessions

2:30 p.m.

15 Minute Break

- 4:00 p.m.** **Day One Wrap Up Review / Q&A and Review Day Two Agenda**

- 6:00 p.m.** **Networking Reception**
 Join us for a networking reception and supper-by-the-bite at Purdue University - Ross Ade Pavilion at the Shively Club South

 Ross Ade Pavilion - Shively Club South
 850 Beering Drive West Lafayette, IN 47907
 (765) 746-5199

Wednesday, November 8th

- 7:45 a.m.** **Welcome and Review Agenda**

- 8:00 a.m.** **Analyzing Laminar Composites in FEA and Other Simulation Software**
 Presented By: Trevor Gundberg, P.E., Director of Composites Engineering, Vectorply

- 8:30 a.m.** **Dassault Systemes: Overview of the 3D EXPERIENCE Platform**
 Presented By: Tonya Cole, Catia Nam Software Consultant, Lightweight Engineering & Composites

- 9:30 a.m.** **Session Previews**
 - Session 5: Reusable Vacuum Bags for Vacuum Infusion**
 Presented By: Jim Noonan, Technical Support Manager, Composites One; Larry Audette, President, SWORL; and Kevin R. Lambrych, Manager, Ashland Composites
 Location : Wet Layup Lab

 - Session 6: Vacuum Infusion**
 Presented By: Corbett Leach, Technical Support Manager, Composites One; Eric Heilshorn , Lantor Product Manager | 3A Composites Core Materials; Mike Ditzler, Composites Engineer, Vectorply; Derek DeBoer Midwest Regional Sales Manager, Gougeon Brothers, Inc.; and Bill Karmen, Airtech
 Location : Raisbeck Engineering Composites Laboratory

	9:30 a.m. - 10:30 a.m.	10:45 a.m. - 11:45 a.m.
Group 1	Session 1	Session 2
Group 2	Session 2	Session 1

- 9:30 a.m.** **Morning Concurrent Sessions**

- 10:30 a.m.** **15 Minute Break**

- 11:45 a.m.** **Day Two Wrap Up Review / Q&A**

- 12:00 p.m.** **Lunch**



Be the Best! Enroll in a CCT Program!

The Certified Composites Technician (CCT) Program is the industry's gold standard for composites training. Created by the ACMA in 1999, the program is designed to strengthen industry standards, elevate production performance, upgrade individual levels of knowledge and skill and offer public recognition to those who demonstrate a prescribed level of expertise in a specific composites specialization. Learn more at <http://www.acmanet.org/cct>.

TRAVEL

P2P Composites 2 will be held at Purdue University's Indiana Manufacturing Institute in West Lafayette, Indiana, November 7 - 8.

Workshop Address:

IACMI Modeling and Simulation Facility at Purdue University's
Indiana Manufacturing Institute
3957 N 100 W
West Lafayette, IN 47906

Hotel Accommodations

Hilton Garden Inn
356 East State Street
West Lafayette, IN 47906
Phone: 765-743-2100

REGISTRATION

To register for the workshop visit www.p2pcomposites2.eventbrite.com or complete the form below and email to rachel.menges@compositesone.com

Name: _____

Title: _____

Company: _____

Address: _____

City: _____ State: _____ Zip: _____ Country: _____

Email Address: _____

Phone Number: _____

Are you a U.S. Citizen? Yes _____ No _____

Do you have food related allergies? Yes _____ No _____

Will you be traveling to this event? Yes _____ No _____