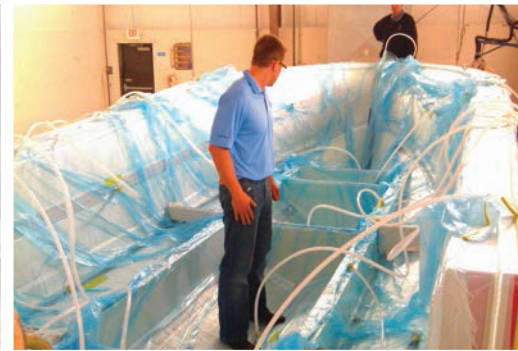


Composites One and The Closed Mold Alliance Present Advances in Infusion Technology



People • Product • Process • Performance

Tuesday, May 23, 2017

8:00 a.m. - 5:00 p.m.

Hosted by Dougherty Manufacturing

301 S Old Country Rd
Edgewater, FL 32132

Who should attend?

Boatbuilders, Composites Fabricators, Fiberglass Shops, Architectural Parts, Military Contractors, Infrastructure Repair, Aftermarket Automotive, Racing, Aerospace, etc.

Advances in Infusion Technology is a one day course designed to expand on a working knowledge of the Vacuum Infusion Process. Other subjects include Best Practices for Production and a Survey of Advanced Materials and Process Technologies for VIP. This training is intended for those already familiar with basic techniques in VIP. Both Carbon Fiber Prepreg and other out of autoclave processes will be featured during this session. The workshop is sponsored in partnership with Composites One and the vendor members of the Closed Mold Alliance. Technical Support Managers from Composites One will be joined by several industry experts for both classroom and hands-on demonstrations.



Hurry! Limited number of spaces available!

Register online by visiting www.goo.gl/forms/IndallkhqtlxrZJ73
Or email your registration details rachel.menges@compositesone.com

Questions? Call Rachel Menges at 847.871.1323

Hotel:

Hampton Inn New Smyrna Beach
214 Flagler Avenue, New Smyrna Beach, Florida, 32169, USA
(386) 898-9444

----- WORKSHOP AGENDA ITEMS -----

Principles of Vacuum Infusion

- Infusion Background
- Infusion Theory
- Internal vs External Flow
- Flow Rate Analysis
- Carbon Fiber Fabrics

Materials for VIP

- Resins for VIP
- Fabric Selection for Flow
- Core Finishing for VIP
- Cosmetics and Surface Finish Strategies

Manifold Options

- Vacuum Bagging Techniques
- Infusing Basic Shapes
- Troubleshooting
- Hull Infusion

Setting Up the VIP Production Shop

- Vacuum Tight Tooling
- Prerelease
- Vacuum Pump Choices
- Resin Delivery for VIP

Part Design for Infusion

- Sandwich Laminates
- Flange Design
- Installing Stringers
 - After Infusion
 - Insitu-Stringer infusion
- Carbon Fiber for Stringer Grids
- Thermoplastic Fibers

Demo and Hands On Sessions

- Vacuum Proofing Molds
- Flow Rate Analysis
- Manifold Designs on Small Hull Mold
- Working with Prepregs

----- VENDORS -----

