

Tuesday, February 7, 2006

	Essentials & Fundamentals	Advanced Principles	Practical Applications
8:00 am	Registration		
8:15 am	Welcome and Course Outline (Continental Breakfast)		
8:30 am	Keynote Speaker		
9:30 am	Networking Break		
9:45 am	<p>World Wide Carbon Fiber Supply Additional Capacities/Question & Answer Tim McCarthy Vice President Zoltek</p> <p>-----</p> <p>Pressure Vessels Basic Design Michael Olsen Hypercomp Engineering</p>	<p>Fundamentals of Laminated Plate Theory Rich Dropek (Composite Professionals, Inc.)</p>	<p>Prepregs - Advantages and Disadvantages Leo Ericksen TCR Composites</p>
12:00 pm	Lunch Break		
12:45 pm	Winding Demonstration		
1:30 pm	<p>Material Selection Fiberglass, Carbon Fiber, Fabrics Dr. Scott Beckwith / Craig Hyland (Beckwith Technology Group, LLC)</p>	<p>Finite Element Analysis Applications to Composites Rich Dropek (Composite Professionals, Inc.)</p>	<p>Large Tow Fiber Management for Filament Winding and Pultrusion Ron Roser (Entec Composite Machines, Inc.)</p>
3:30 pm	Networking Break		
3:45 pm	Industry Presenters		
5:00 pm	Conclude Session		

Wednesday, February 8, 2006

	Essentials & Fundamentals	Advanced Principles	Practical Applications
8:15 am	Welcome (Continental Breakfast)		
8:30 am	Keynote Speaker		
9:30 am	Networking Break		
9:45 am	Filament Winding Resin Materials and Tooling (Properties, Tradeoffs, Processing Approaches) Dr. Scott Beckwith / Craig Hyland (Beckwith Technology Group, LLC)	Thermoplastic Composite Materials & Processing Technologies Mike Buck (Phoenixx TPC)	Fracture Mechanics Applied to Adhesive Joints Dr. K.L. Devries (University of Utah)
12:00 pm	Lunch Break		
12:45 pm	Winding Demonstration		
1:30 pm	Repairable Composite Pipe System & Equipment Craig Hyland / Scott Beckwith (Beckwith Technology Group, LLC)	Fiberforge® - High Speed Fiber Placement for Thermoplastic Composite Structures Michael L. Skinner (Skinner Creative) ----- Commercial Fiber Placement Robert Murdock (Entec Composite Machines)	Pressure Vessels Design & Testing Shaun Hogan (Cobalt)
3:30 pm	Networking Break		
3:45 pm	Industry Presenters		
5:00 pm	Conclude Session		

Thursday, February 9, 2005

	Essentials & Fundamentals	Advanced Principles	Pultrusion
8:15 am	Welcome (Continental Breakfast)		
8:30 am	Keynote Speaker		
9:30 am	Networking Break		
9:45 am	Introduction to Part & Pattern Design Dan Buckmiller / Randy Philpot (Advanced Composites)	Material Characterization Testing Dr. Dan Adams (University of Utah)	Pultrusion Die Development & Design Todd Courtney (Crown Mold & Machine)
12:00 pm	Lunch Break		
1:00 pm	Pultrusion Demonstration Juan Polanco (Entec Composite Machines, Inc.)		
1:30 pm	Filament Winding Mandrels, Tooling Materials to Finishes Wayne Hogarth (Lynco Grinding)	General Composites Panel Discussion Round Table Open Forum with Industry Experts Question and Answers	Pultrusions Profiles and Complexity of Shapes Tracy Roskey (Omega Pultrusions)
3:30 pm	Networking Break		
3:45 pm	Industry Presenters		
5:00 pm	Conclude Session		