

7:00-7:30	REGISTRATION - COFFEE IN MEZZANINE		
	RIBBON-CUTTING CEREMONY Frank Henning ; EXHIBITS OPEN		
	CONTINENTAL BREAKFAST SERVED - BALLROOM		
7:30-7:45	OPENING REMARKS (Including Best Paper Awards & Student Scholarship Announcements) Cedric Ball , '09 & '10 SPE ACCE Chair		
7:45-8:15	KEYNOTE SPEAKER Mike Jackson , <i>CSM Worldwide</i> , North American Vehicle Build Trends		
8:15-9:15	KEYNOTE SPEAKER Paolo Feraboli & Luciano DeOto , <i>Univ. of Washington & Automobili Lamborghini S.p.A.</i> , Carbon Fiber Composites Research & Development at Automobili Lamborghini		
9:15-9:30	COFFEE BREAK & EXHIBITS - BALLROOM		
	IN AUDITORIUM	IN AMPHITHEATER 101	IN AMPHITHEATER 102
9:30-10:00	ENABLING TECHNOLOGIES - PART 1: New Thermoplastic Processing Innovations Jack Van Ert <i>Vantage Technologies</i> Differential Pressure Molding Process	ADVANCES IN THERMOSET COMPOSITES - PART 1: SMC & BMC Mike Siwajek <i>Continental Structural Plastics</i> Light Weight Class "A" SMC Body Panels-TCA Lite®	VIRTUAL PROTOTYPING & TESTING OF COMPOSITES - PART 1 Gregorio Vélez-García <i>Virginia Tech</i> Unambiguous Characterization of Short Fiber Orientation in a Center-Gated Disk 2009 SPE ACCE Scholarship Award Winner
10:00-10:30	Uday Vaidya <i>University of Alabama-Birmingham</i> Progressive Forming of Thermoplastic Composites	Probir Guha <i>Continental Structural Plastics</i> A Case Study-SMC Consistency: A Data-Based Technique to Quality Improvement	Michael Wyzgoski <i>American Chemistry Council</i> Predicting the Strength of Short Glass Fiber Reinforced Thermoplastics
10:30-11:00	Werner du Toit <i>LOMOLD Group</i> New Molding Process Offers Unique Levels of Design Complexity, Mechanical Strength, Cost Reduction for Long-Fiber Thermoplastic Composites	Tobias Potyra <i>Fraunhofer Institute of Chemical Technology</i> Direct Compounding-Insight & Results of the First Full-Scale Pilot Plant 2008 SPE ACCE Scholarship Award Winner	Syed Mazahir <i>Virginia Tech</i> Improvements in the Simulation of Orientation in Injection Molding of Short Fiber Thermoplastic Composites
11:00-11:30	James Mihalich <i>Cyclics Corp.</i> Production of a Class 8 Truck Trailer Bed Using c-PBT Thermoplastic Prepreg & Vacuum Bag Processing	Randy Lewis <i>P.R. Lewis Consulting, LLC</i> "Near-Perfect" New Centrifugal Pump Wear Rings and Bushings	Hannes Fuchs <i>Multimatic</i> Effect of the Adhesive Joint Cross-Section Parameters on the Bond-Line Read-Through in Composite Automotive Body Panels Subject to Elevated Temperature Cure
11:30-12:30	LUNCH & EXHIBITS - BALLROOM		
12:30-1:30	KEYNOTE SPEAKER Antony Dodworth , <i>Bentley Motors Ltd.</i> , Birth of the T35 Sports Car: Releasing the Familiar & Secure to Embrace the New		
1:30-1:45	COFFEE BREAK & EXHIBITS - BALLROOM		
1:45-2:15	ENABLING TECHNOLOGIES - PART 2: New Thermoset Processing Innovations Matthias Graf <i>Dieffenbacher GmbH & Co. KG</i> High Pressure Resin Transfer Molding - Process Advancements	ADVANCES IN THERMOSET COMPOSITES - PART 2: Urethane, Copolyester, & Epoxy Daniel Heberer <i>Huntsman Polyurethanes</i> Novel Isocyanate-Based Resin Systems with Tunable Reaction Times	VIRTUAL PROTOTYPING & TESTING OF COMPOSITES - PART 2 Kedzie Fernholz <i>Ford Motor Co.</i> The Influence of Bond Dam Design & Hard Hits on Bond-Line Read-Through Severity
2:15-2:45	Joseph Ouellette <i>Acrolab Ltd.</i> New Methodology for Out of Oven Curing of Filament Wound Structures Reduces Overall Process Time and Physical Footprint While Assuring Optimum, Near Isothermal, Sustainable Cure Temperatures	Allan James <i>The Dow Chemical Co.</i> Polyurethane Environment Friendly Sandwich Structure Load Floor	Laurent Adam <i>e-Xstream Engineering</i> Multi-Scale Modeling of Creep of Reinforced Plastics Parts with DIGMAT
2:45-3:15	Don Lasell <i>Retired</i> High-Volume Automotive Structural Composites: Novel Thoughts on Key Enabling Materials & Manufacturing Technologies	Zeba Parkar <i>University of Illinois-Urbana/Champagne</i> Orientational Order Induced by Carbon Fiber in Aromatic Thermosetting Copolyester Matrix 2009 SPE ACCE Scholarship Award Winner	Swati Neogi <i>India Institute of Technology</i> Scaling Down Methodology for Cab Front Prototype Manufacturing using Resin Transfer Moulding Process
3:15-3:45	Dev Barpanda <i>The Dow Chemical Co.</i> Eco-Friendly Automotive Plastic Seat Design	Heinz-Gunter Reichwein <i>Hexion Specialty Chemicals, Inc.</i> Light, Strong and Economical - Epoxy Fiber-Reinforced Structures for Automotive Mass Production	Siddharth Ram Athreya <i>The Dow Chemical Co.</i> Constitutive Property Estimation of Stitched Composites for Engineering Applications
3:45-4:15	COFFEE BREAK & EXHIBITS - BALLROOM		
4:15-4:45	KEYNOTE SPEAKER Claudio Santoni , <i>McLaren Automotive Ltd.</i> , McLaren MP4-12C Carbon Fibre "MonoCell"		
4:45-6:15	PANEL DISCUSSION Taking Structural Composites from Niche to Mainstream: Can it be Done? Moderator: Dale Brosius		
6:15-7:30	NETWORKING RECEPTION - BALLROOM (Sponsored by SPE Thermoset Division)		

6:30-7:45	CONTINENTAL BREAKFAST SERVED & EXHIBITS - BALLROOM		
7:45-8:15	KEYNOTE SPEAKER Roger Assaker , <i>e-Xstream Engineering</i> , Predictive Modeling of Reinforced Plastic Materials & Parts: State-of-the-Art and Future Challenges		
8:15-8:30	COFFEE BREAK & EXHIBITS - BALLROOM		
	IN AUDITORIUM	IN AMPHITHEATER 101	IN AMPHITHEATER 102
8:30-9:00	<p>DESIGN & DEVELOPMENT OF A STRUCTURAL COMPOSITE UNDERBODY - PART 1</p> <p>Libby Berger <i>General Motors Co./USCAR</i> Design and Fabrication of a Structural Composite Automotive Underbody</p>	<p>BIO- & NATURAL FIBER COMPOSITES</p> <p>Walter Bradley <i>Baylor University</i> More Sustainable Non-Woven Fabric Composites using Coir (Coconut) Fibers for Automotive & Building Construction</p>	<p>ADVANCES IN THERMOPLASTIC COMPOSITES - PART 1: LFT vs. D-LFT, & Olefin Composites</p> <p>Hansel Ramathal <i>Ticona Engineering Polymers</i> Unpainted, Visible-Surface LFT Parts for Auto Interiors</p>
9:00-9:30	<p>Libby Berger <i>General Motors Co./USCAR</i> Properties and Molding of a Fabric SMC for a Structural Composite Automotive Underbody</p>	<p>Leonard Fifield <i>Pacific Northwest National Laboratory</i> Natural Fiber Transportation Composites: Compression Molded, Bio-Fiber Reinforced, High Performance Thermosets for Structural and Semi-Structural Applications</p>	<p>Martin McLeod <i>National Research Council Canada</i> Morphological & Mechanical Comparison of Injection & Compression Moulding In-Line Compounding of Direct Long Fibre Thermoplastics</p>
9:30-10:00	<p>Hannes Fuchs <i>Multimatic/USCAR</i> Double Dome Structural Test-Analysis Correlation Studies</p>	<p>Gero Nordmann <i>BASF Corp.</i> Eco-Friendly Acrylic Copolymers Offering Clean Manufacturing, Reduced VOC Emissions, Excellent Performance</p>	<p>Louis Martin <i>Addcomp North America Inc.</i> Decreasing VOC Emissions at the Source with New Additive Technologies for Olefin Composites</p>
10:00-10:30	<p>Hannes Fuchs <i>Multimatic/USCAR</i> Super Lap Shear Joint Structural Test-Analysis Correlation Studies</p>	<p>Matt Barr <i>Faurecia</i> Increase in Lightweight Sustainable Substrate Materials for Automotive</p>	<p>P.K. Mallick <i>University of Michigan-Dearborn</i> Tensile and Fatigue Performance of a Self-Reinforced Polypropylene</p>
10:30-11:00	COFFEE BREAK & EXHIBITS - BALLROOM		
11:00-11:30	<p>DESIGN & DEVELOPMENT OF A STRUCTURAL COMPOSITE UNDERBODY - PART 2</p> <p>Caroline Dove <i>Ford Motor Co. / USCAR</i> Shear Deformation Properties of Glass-Fabric Sheet Molding Compound</p>	<p>ENABLING TECHNOLOGIES - PART 3: Machining Composites</p> <p>Duane Snider <i>Flow International Corp.</i> Precision Waterjet Cutting in the Composites Industry Utilizing Multi-Axis Robots for High Quality Machining</p>	<p>ADVANCES IN THERMOPLASTIC COMPOSITES - PART 2: Nylon Applications</p> <p>Marianne Morgan <i>BASF Corp.</i> Design and Part Performance Testing for Thermoplastic Automotive Oil Pans - NA Market</p>
11:30-12:00	<p>Bhavesh Shah <i>General Motors Co./USCAR</i> Structural Performance Evaluation of Composite-to-Steel Weld Bonded Joint</p>	<p>Andrew Gilpin <i>AMAMCO Tool</i> Machining Composite: A Collaborative Approach to Application Specific Solutions</p>	<p>Hans-Juergen Karkosch, ContiTech Vibration Control & Holger Klink, BASF SE High Duty, Lightweight Polyamide Engine Mounts</p>
12:00-1:00	LUNCH & EXHIBITS - BALLROOM		
1:00-1:30	KEYNOTE SPEAKER Rani Richardson , <i>Dessault Systèmes</i> , Flying Off the Line: How Aerospace Knowledge Can Accelerate the Use of Composites in Mass Produced Autos		
1:30-2:00	<p>COMPOSITES - BUSINESS TRENDS & TECHNOLOGIES</p> <p>Frank Henning <i>Fraunhofer Institute of Chemical Technology</i> Technology Development for Automotive Composite Part Production - New Materials & Processes</p>	<p>ENABLING TECHNOLOGIES - PART 4: Other Process Enhancements</p> <p>Jean-Jacques (J.J.) Katz <i>TrimaBond, LLC</i> Recycling of Landfill-Bound Automotive Headliners into Useful Composite Panels</p>	<p>NANOCOMPOSITES</p> <p>Bor Zang <i>Wright State University</i> Nano Graphene Platelets (NGPs) and NGP Nanocomposites: A Review</p>
2:00-2:30	<p>Susan Ward <i>ITECS</i> Tap into Government: How to Leverage Government Money to Drive Innovation for Materials Development</p>	<p>Parvinder Walia <i>Dow Chemical Co.</i> Methods of Making 3-Dimensional Shaped Composite Structures</p>	<p>Lawrence Drzal <i>Michigan State University</i> Graphene Nanoplatelet Additives for Multifunctional Composite Materials</p>
2:30-3:00	<p>Jackie Rehkopf <i>Exponent, Inc.</i> Plastics/Composites in Automotive Applications - Defending the Product Performance in Insurance Claim and Litigation Situations</p>	<p>Benjamin Hangs <i>Fraunhofer Institute of Chemical Technology</i> Crashworthiness of GF/PET and GF/PAG Tubes Produced in a Novel Rapid Tape Placement Process 2010 SPE ACCE Scholarship Award Winner</p>	<p>Mike Brooks <i>InPore Technologies</i> Silicate Mesoporous Nano-Particles for Improving Performance & Productivity in Advanced Composite Applications</p>
3:00-3:30	COFFEE BREAK & EXHIBITS - BALLROOM		
3:30-4:00	KEYNOTE SPEAKER Gary Lownsdale , <i>Plasan Carbon Composites</i> , Achieving a 10-Min Cycle Time in Advanced Composites		
4:00-4:15	CLOSING REMARKS Cedric Ball , '09 & '10 SPE ACCE Chair		