

7:00-7:30	REGISTRATION - COFFEE IN MEZZANINE		
	RIBBON-CUTTING CEREMONY <b>Frank Henning</b> ; EXHIBITS OPEN		
	CONTINENTAL BREAKFAST SERVED - BALLROOM		
7:30-7:45	OPENING REMARKS (Including Best Paper Awards & Student Scholarship Announcements) <b>Cedric Ball</b> , '09 & '10 SPE ACCE Chair		
7:45-8:15	KEYNOTE SPEAKER <b>Mike Jackson</b> , IHS Automotive, Dynamics of Recovery & Competitiveness: The North American Outlook in A Global Context		
8:15-9:15	KEYNOTE SPEAKER <b>Paolo Feraboli &amp; Luciano DeOto</b> , Univ. of Washington & Automobili Lamborghini S.p.A., Carbon Fiber Composites Research & Development at Automobili Lamborghini		
9:15-9:30	COFFEE BREAK & EXHIBITS - BALLROOM		
	<b>IN AUDITORIUM</b>	<b>IN AMPHITHEATER 101</b>	<b>IN AMPHITHEATER 102</b>
9:30-10:00	<b>ENABLING TECHNOLOGIES - PART 1:</b> New Thermoplastic Processing Innovations  <b>Jack Van Ert</b> Vantage Technologies Differential Pressure Molding Process	<b>ADVANCES IN THERMOSET COMPOSITES - PART 1:</b> SMC & BMC  <b>Mike Siwajek</b> Continental Structural Plastics Light Weight Class "A" SMC Body Panels-TCA Lite®	<b>VIRTUAL PROTOTYPING &amp; TESTING OF COMPOSITES - PART 1</b>  <b>Gregorio Vélez-García</b> Virginia Tech Improvement in Orientation Measurement for Short & Long Fiber Injection Molded Composites <b>2009 SPE ACCE Scholarship Award Winner</b>
10:00-10:30	<b>Uday Vaidya</b> University of Alabama-Birmingham Progressive Forming of Thermoplastic Composites	<b>Probir Guha</b> Continental Structural Plastics A Case Study-SMC Consistency: A Data-Based Technique to Quality Improvement	<b>Michael Wyzgoski</b> American Chemistry Council Predicting the Tensile Strength of Short Glass Fiber Reinforced Injection Molded Plastics
10:30-11:00	<b>Werner du Toit</b> LOMOLD Group New Molding Process Offers Unique Levels of Design Complexity, Mechanical Strength, Cost Reduction for Long-Fiber Thermoplastic Composites	<b>Tobias Potyra</b> Fraunhofer Institute of Chemical Technology Direct Compounding-Insight & Results of the First Full-Scale Pilot Plant <b>2008 SPE ACCE Scholarship Award Winner</b>	<b>Syed Mazahir</b> Virginia Tech Improvement in the Simulation of Injection Molded Short Glass Thermoplastic Composites
11:00-11:30	<b>James Mihalich</b> Cyclics Corp. Production of a Class 8 Truck Trailer Bed Using c-PBT Thermoplastic Prepreg & Vacuum Bag Processing	<b>Randy Lewis</b> P.R. Lewis Consulting, LLC "Near-Perfect" New Centrifugal Pump Wear Rings and Bushings	<b>Hannes Fuchs</b> Multimatic Effect of the Adhesive Joint Cross-Section Parameters on the Bond-Line Read-Through in Composite Automotive Body Panels Subject to Elevated Temperature
11:30-12:30	LUNCH & EXHIBITS - BALLROOM		
12:30-1:30	KEYNOTE SPEAKER <b>Antony Dodworth</b> , Bentley Motors Ltd., 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	<b>ENABLING TECHNOLOGIES - PART 2:</b> New Thermoset Processing Innovations  <b>Matthias Graf</b> Dieffenbacher GmbH & Co. KG High Pressure Resin Transfer Molding - Process Advancements	<b>ADVANCES IN THERMOSET COMPOSITES - PART 2:</b> Urethane, Copolyester, & Epoxy  <b>Daniel Heberer</b> Huntsman Polyurethanes Novel Isocyanate-Based Resin Systems with Tunable Reaction Times	<b>VIRTUAL PROTOTYPING &amp; TESTING OF COMPOSITES - PART 2</b>  <b>Kedzie Fernholz</b> Ford Motor Co. The Influence of Bond Dam Design & Hard Hits on Bond-Line Read-Through Severity
2:15-2:45	<b>Joseph Ouellette</b> Acolab Ltd. Heatpipe / Thermosiphon Augmented Mandrels to Improve Cure Quality & to Reduce Cure Time in the Thermoset Pipe & Tube Filament Winding Process	<b>Allan James</b> The Dow Chemical Co. Polyurethane Environment Friendly Sandwich Structure Load Floor	<b>Laurent Adam</b> e-Xstream Engineering Multi-Scale Modeling of Creep of Reinforced Plastics Parts with DIGMAT
2:45-3:15	<b>Don Lasell</b> Retired High-Volume Automotive Structural Composites: Novel Thoughts on Key Enabling Materials & Manufacturing Technologies	<b>Zeba Parker</b> University of Illinois-Urbana/Champagne Orientational Order Induced by Carbon Fiber in Aromatic Thermosetting Copolyester Matrix <b>2009 SPE ACCE Scholarship Award Winner</b>	<b>Swati Neogi</b> India Institute of Technology Scaling Down Methodology for Composite Cab Front Prototype Using Resin Transfer Moulding Process
3:15-3:45	<b>Dev Barpanda</b> The Dow Chemical Co. Eco-Friendly Automotive Plastic Seat Design	<b>Heinz-Gunter Reichwein</b> Hexion Specialty Chemicals, Inc. Light, Strong and Economical - Epoxy Fiber-Reinforced Structures for Automotive Mass Production	<b>Siddharth Ram Athreya</b> The Dow Chemical Co. Constitutive Property Estimation of Stitched Composites for Engineering Applications - A Hybrid Approach
3:45-4:15	COFFEE BREAK & EXHIBITS - BALLROOM		
4:15-4:45	KEYNOTE SPEAKER <b>Claudio Santoni</b> , McLaren Automotive Ltd., McLaren MP4-12C Carbon Fibre "MonoCell"		
4:45-6:15	PANEL DISCUSSION Taking Structural Composites from Niche to Mainstream: Can it be Done? Moderator: <b>Dale Brosius</b>		
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 <b>Roger Assaker</b> , <i>e-Xstream Engineering</i> , Predictive Modeling of "Composite" Materials & Structures: State-of-the-Art Solutions & Future Challenges		
8:15-8:30	COFFEE BREAK & EXHIBITS - BALLROOM		
	<b>IN AUDITORIUM</b>	<b>IN AMPHITHEATER 101</b>	<b>IN AMPHITHEATER 102</b>
	<b>DESIGN &amp; DEVELOPMENT OF A STRUCTURAL COMPOSITE UNDERBODY - PART 1</b>	<b>BIO- &amp; NATURAL FIBER COMPOSITES</b>	<b>ADVANCES IN THERMOPLASTIC COMPOSITES - PART 1: LFT vs. D-LFT, &amp; Olefin Composites</b>
8:30-9:00	<b>Libby Berger</b> <i>General Motors Co./USCAR</i> Design and Fabrication of a Structural Composite Automotive Underbody	<b>Walter Bradley</b> <i>Baylor University</i> More Sustainable Non-Woven Fabric Composites for Automotive Using Coir (Coconut) Fibers	<b>Hansel Ramathal</b> <i>Ticona Engineering Polymers</i> Unpainted, Visible-Surface LFT Parts for Auto Interiors
9:00-9:30	<b>Libby Berger</b> <i>General Motors Co./USCAR</i> Properties and Molding of a Fabric SMC for a Structural Composite Automotive Underbody	<b>Leonard Fifield</b> <i>Pacific Northwest National Laboratory</i> Compression Molded, Bio-Fiber Reinforced, High Performance Thermoset Composites for Structural and Semi-Structural Applications	<b>Martin McLeod</b> <i>National Research Council Canada</i> Morphological & Mechanical Comparison of Injection & Compression Moulding In-Line Compounding of Direct Long Fibre Thermoplastics
9:30-10:00	<b>Hannes Fuchs</b> <i>Multimatic/USCAR</i> Double Dome Structural Test—Analysis Correlation Studies	<b>Gero Nordmann</b> <i>BASF Corp.</i> Eco-Friendly Acrylic Copolymers Offering Clean Manufacturing, Reduced VOC Emissions, Excellent Performance	<b>Louis Martin</b> <i>Addcomp North America Inc.</i> Decreasing VOC Emissions at the Source with New Additive Technologies for Olefin Composites
10:00-10:30	<b>Hannes Fuchs</b> <i>Multimatic/USCAR</i> Super Lap Shear Joint Structural Test—Analysis Correlation Studies	<b>Matt Barr</b> <i>Faurecia</i> Lightweight Sustainable Substrate Materials for Automotive Interiors	<b>P.K. Mallick</b> <i>University of Michigan-Dearborn</i> Tensile and Fatigue Performance of a Self-Reinforced Polypropylene
10:30-11:00	COFFEE BREAK & EXHIBITS - BALLROOM		
	<b>DESIGN &amp; DEVELOPMENT OF A STRUCTURAL COMPOSITE UNDERBODY - PART 2</b>	<b>ENABLING TECHNOLOGIES - PART 3: Machining Composites</b>	<b>ADVANCES IN THERMOPLASTIC COMPOSITES - PART 2: Nylon Applications</b>
11:00-11:30	<b>Caroline Dove</b> <i>Ford Motor Co./USCAR</i> Shear Deformation Properties of Glass-Fabric Sheet Molding Compound	<b>Duane Snider</b> <i>Flow International Corp.</i> Precision Waterjet Cutting in the Composites Industry Utilizing Robots for High Quality Accurate Machining	<b>Marianne Morgan</b> <i>BASF Corp.</i> Design and Part Performance Testing for Thermoplastic Automotive Oil Pans — NA Market
11:30-12:00	<b>Bhavesh Shah</b> <i>General Motors Co./USCAR</i> Structural Performance Evaluation of Composite-to-Steel Weld Bonded Joint	<b>Andrew Gilpin</b> <i>AMAMCO Tool</i> Machining Composite: A Collaborative Approach to Application Specific Solutions	<b>Hans-Juergen Karkosch, ContiTech Vibration Control &amp; Holger Klink, BASF SE</b> High Duty, Lightweight Polyamide Engine Mounts
12:00-1:00	LUNCH & EXHIBITS - BALLROOM		
1:00-1:30	KEYNOTE SPEAKER <b>Rani Richardson</b> , <i>Dessault Systèmes</i> , Flying Off the Line: How Aerospace Knowledge Can Accelerate the Use of Composites in Mass Produced Autos		
	<b>COMPOSITES - BUSINESS TRENDS &amp; TECHNOLOGIES</b>	<b>ENABLING TECHNOLOGIES - PART 4: Other Process Enhancements</b>	<b>NANOCOMPOSITES</b>
1:30-2:00	<b>Frank Henning</b> <i>Fraunhofer Institute of Chemical Technology</i> Technology Development for Automotive Composite Part Production — New Materials & Processes	<b>Jean-Jacques (J.J.) Katz</b> <i>TrimaBond, LLC</i> Recycling of Landfill-Bound Automotive Headliners into Useful Composite Panels	<b>Bor Zang</b> <i>Wright State University</i> Nano Graphene Platelets (NGPs) and NGP Nanocomposites: A Review
2:00-2:30	<b>Susan Ward</b> <i>ITECS</i> Leveraging Government Money to Drive Innovation in Materials	<b>Parvinder Walia</b> <i>Dow Chemical Co.</i> Methods of Making 3-Dimensional Shaped Composite Structures	<b>Lawrence Drzal</b> <i>Michigan State University</i> Graphene Nanoplatelet Additives for Multifunctional Composite Materials
2:30-3:00	<b>Jackie Rehkopf</b> <i>Exponent, Inc.</i> Plastics/Composites in Automotive Applications — Defending the Product Performance in Insurance Claim and Litigation Situations	<b>Benjamin Hangs</b> <i>Fraunhofer Institute of Chemical Technology</i> Crashworthiness of GF/PET and GF/PAG Tubes Produced in a Novel Rapid Tape Placement Process <b>2010 SPE ACCE Scholarship Award Winner</b>	<b>Mike Brooks</b> <i>InPore Technologies</i> Mesoporous Silicate Particles (MSP) for Improving Performance & Productivity in Various Composite & Polymer Formulation
3:00-3:30	COFFEE BREAK & EXHIBITS - BALLROOM		
3:30-4:00	KEYNOTE SPEAKER <b>Gary Lownsdale</b> , <i>Plasan Carbon Composites</i> , Achieving a 10-Min Cycle Time in Advanced Composites		
4:00-4:15	CLOSING REMARKS <b>Cedric Ball</b> , '09 & '10 SPE ACCE Chair		