



AUTO EPCON

Tuesday, April 27, 2010

SOCIETY OF PLASTICS ENGINEERS
 Detroit Section and Automotive Division



7:00-8:15 a.m.	Registration / Continental Breakfast	
8:15-8:30 a.m.	Opening Remarks - Nippani Rao, AutoEPCON Conference Chairman	
8:30-9:15 a.m.	Dale Gerard, Ph.D.: Senior Manager-NA Materials, General Motors Co. "New Developments at the New GM: Plastics & More"	
9:15-10:00 a.m.	Volker Warzelhan, Ph.D.: Senior-VP, Polymer Research-Thermoplastics, BASF SE "Automotive Innovations with Engineering Plastics"	
10:00-10:15 a.m.	Break/Exhibit Review	
	Session: Materials <i>(Moderator: Sandra McClelland, Chevron Phillips Chemical Co.)</i>	Session: Design & Applications <i>(Moderator: Scott Klingler, Ticona Engineering Polymers)</i>
10:15-10:45 a.m.	New DuPont Nylon Resin Can Double Performance Life of Components Exposed to Heat, Corrosive Fluids & Chemicals Gianluigi Molteni, DuPont Automotive Global Powertrain Segment Manager	Innovative PPS (Polyphenylene Sulfide) Blow-Molded Air Duct for Turbocharged Diesel Engine Bob Newill, Fortron® PPS Product Marketing Manager, Ticona Engineering Polymers
10:45-11:15 a.m.	Redefining the Application Landscape of Co-Polymer POM - High Strength, High Impact & Dye Diffusion Paul Spevetz, Celcon®/Hostaform® POM Product Marketing Manager, Ticona Engineering Polymers	Employing Laser Welding for Creative & Cost-Effective Solutions Dan Jones, DuPont Performance Polymers
11:15-11:45 a.m.	New Materials to Meet the Challenges of Hybrid / Electric Vehicles Kenneth Price, Celanex® PBT Product Development Engineer, Ticona Engineering Polymers	Using Material Databases that Serve Ready-to-Use Material Models for Diverse CAE Applications Hubert Lobo, President, Matereality, LLC
11:45 a.m.-12:30 p.m.	Vivek Jain, Ph.D.: Global R&D Director, Ticona Engineering Polymers "Driving Innovation in the Automotive Industry"	
12:30-1:30 p.m.	Lunch (SPONSORED BY TICONA ENGINEERING POLYMERS)	
1:30-2:15 p.m.	Koen DeVits, Business Unit Group Director, DSM Engineering Plastics-Americas "Innovative Sustainable Solutions Utilizing Engineering Plastics"	
	Session: Materials <i>(Gary Kogowski, Ph.D., Entec Resins)</i>	Session: Design & Applications <i>(Suresh Shah, Ph.D., Delphi Corp.)</i>
2:15-2:45 p.m.	PPS Compounds for Battery Coolant System Applications William E. Sattich, Ph.D., Product Development Specialist, Chevron Phillips Chemical Company, L.P.	DirectCoating & DirectSkinning: An innovative process for high- quality decorative surfaces William Thorne, Senior Process Development Engineer, Bayer Materials Science
2:45-3:15 p.m.	LFRT Provides Weight & Cost Savings for Automotive Interior Applications Hansel Ramathal, Celstran® LFRT Product Marketing Manager, Ticona Engineering Polymers	LCP Properties Ideal for Miniaturization Trend in Electronics Industry Edson Ito, Vectra® LCP Technical Marketing Manager, Ticona Engineering Polymers
3:15-3:30 p.m.	Break / Exhibit Review	
3:30-4:00 p.m.	World's First Thermoplastic Oil Pan - Full Road Exposure Design! JonCarlo Mancini, 6.7L Engine Product Engineer, Ford Motor Co.	VOC Reduction: A Pathway to Environmentally Friendly Interiors Bruce Mulholland, Global Color Technology Manager, Ticona Engineering Polymers
4:00-4:30 p.m.	New Arnitel® Tube Concepts Boosting Chemical & Mechanical Performance Paul Moruzi, Business Development Manager, DSM Engineering Plastics	Silicone Adhesive as a Sealant for Thermoplastic Engine Components Fadi El-Khatib, Ph.D., Senior Application Engineer, BASF Corp.
4:30-5:00 p.m.	DSM High-Performance Engineering Plastics for Usage in Challenging Automotive Applications Peter Schmieg, Application Development Engineer, DSM Engineering Plastics	Adhesion Promotion Using Flame Plasma Surface Treatment -- A Viable & Green Alternative to Conventional Methods Joseph DiGiacomo, Vice-President, Flynn Burner Corp.
5:00 p.m.	Networking Reception: Sponsored by SPE Detroit Section & Automotive Division	