



May 10, 2016 Troy, Michigan Agenda

- 7:00 **Registration & Continental Breakfast**
- 8:15 **Opening remarks:** Dr. Gary Kogowski, Ravago Holdings Americas, Conference Chair
- 8:25 David Compeau, FCA US LLC Senior Manager Advanced Development Engineering, Plastics and Advanced Materials, Conference Executive Chair
- 8:40 **Technical Program:** Sandra McClelland, Solvay Specialty Polymers, Conference Technical Chair
- 8:50 **KEYNOTE: Accelerate the Future use of Engineered Plastics**
David Compeau, FCA US LLC, Development Responsible, Advanced Development Engineering-Plastics and Advanced Materials

	Salon ABC	Salon D	Dennison Salon
	I. Materials	II. Light Weighting	III. Enabling Technologies
	Moderator:	Moderator:	Moderator:
	Dward Kue	Dana Warnez	Daniel Balavitch
9:35 - 10:00	Material Solutions for Turbo-Charged Engine Applications	Polymotor 2: Development of All-Plastic Engine	New optimized PC/ABS solutions for high quality painted exterior components
	Stephen Mok, Program Manager, DuPont Performance Materials	Brian Stern, Senior Technical Development Engineer, Solvay Specialty Polymers	Steve Rogers, Senior Research Scientist, Trinseo Automotive
10:00 - 10:25	Automotive Lightweighting and reduced Density Nylons	Lightweight components for Automotive Applications	Efficient Assembly and Joining: Reversible Bonded Joints Using Nano-Ferromagnetic Particles
	Jason Humble, Product Manager, A. Schulman Inc.	Scott Bykowski, Manager R&D North America, ContiTech Vibration Control	Dr. Mahmoodul Haq, Asst Professor MSU, ACC, Michigan State University, and Center for Automotive Research (CAR)
10:25 - 10:50	Break		
10:50 - 11:15	Durethan® XTS: Next Generation of High Heat PA6 and PA66 Grades	Carbon Composite Grille Opening Reinforcement	Vehicle Lightweighting and Improved Crashworthiness - Plastic/Metal Solutions for BIW
	Jose Chirino, Technical Director High Performance Materials, LANXESS Corporation	Gari Schalte, Engineering Manager Front End Systems, Magna Exteriors	Dhanendra Nagwanshi, Sr. Business Manager, Automotive Body and Chassis, SABIC
11:15 - 11:40	New Polyamides for High Heat Applications	Recycled Nylon for Air Intake Manifolds	DURACON H140-57AR can be Applied for any Application that Requires High Acid Resistance
	Bernd Henkelmann, Application Development Manager Automotive, EMS-GRIVORY America	Jim Vanderveen, Advanced Product Development, Mahle Filter Systems	Takanori Ueda, Snr. R&D Manager Polyplastics USA, Inc.
12:00 - 12:45	Lunch		

12:50 - **KEYNOTE: Structural composites opportunities and challenges**
 1:20 Saad Abouzahr, FCA US LLC, Head of Organic Materials Engineering, Materials Engineering Group

	Salon ABC	Salon D	Dennison Salon
	IV. Materials	V. Injection Molding	VI. 3D Printing
	<i>Moderator:</i>	<i>Moderator:</i>	
	Dward Kue	Eve Vitale	
1:25 - 1:55	Introduction of Super High Heat Stable Leona™ PA66/GF	How Processing is Affecting the Performance of Your Injection Molded Part	Workshop: 3D Printing of Engineered Thermoplastics
	Kazuhiko Hashimoto, Technical Director of Engineering, Asahi Kasei	Erik Foltz, Certified Moldflow Consultant, The Madison Group	Carol Barry, Prof. Plastics Engineering, Chris Hansen, Prof. Mechanical Engineering, David Kazmer, Prof. Plastics Engineering, Nese Orbey, Prof. Chemical Engineering, UMass Lowell
1:55 - 2:20	Enhanced Hydrolysis & Thermal Resistant PA66 for Automotive Engine Cooling Applications	Creating Internal Geometries in Injection Molded Parts Using Water Soluble Polyvinyl Alcohol (PVOH) Inserts	Workshop Continued
	Ryan Hensarling, Automotive Technology Leader, Ascend Performance Materials	Jason McNulty, Sr. Molding Engineer, 3M Corporate Research	
2:20 - 2:45	Growth of Biobased Engineering Polymers in Automotive	Mapping the Injection Molding Behavior of Plastics	Workshop Continued
	Rick Bell, Development Manager, DuPont Performance Materials	John P. Beaumont, President, Beaumont	
2:45 - 3:00	Break - Sponsored by UMass Lowell		
3:00 - 3:30	KEYNOTE: Using Global Megatrends at GM Richard Holman, General Motors, LLC, Sr. Manager Global Foresight and Trends		
3:35 - 4:00	Additives for Gloss Reduction without Sacrificing Performance	Aluminum Tooling - An Industry Game Changer	Workshop Continued
	Jason Lyons, Manager Plastic Additives, Arekma	David Okonski, Staff Research Engineer, General Motors Research and Development Center	
4:00 - 4:30	New Exciting Developments with Branched Polyamides for Automotive Applications	Solving the Mystery of Melt Temperature	Workshop Continued
	Dr. Ashok Adur, Global Commercial Development Director, Vertellus Specialites, Inc.	Michael F. Durina, President, MD Plastics, Inc.	
4:30 - 6:00	Networking Reception: Sponsored by SPE Detroit Section, Injection Molding Division, & Automotive Division		