

Program Tuesday, June 7, 2016

Registration 8:30 am – 9:00 am

Plenary & Keynote – Energy, Environment & Sustainability Room: - Isenburg 9:00 am to 12:45 pm Session Chair: Lothar Teske Manager Opel		BIW Structural Optimization Room: Isenburg - 1:45 pm to 5:00 pm Session Co-Chairs: Boris Künkler, PhD, Manager, GME Sumanjit Singh, PhD, Consultant	
9:00 am	Introduction & Opening Remarks Lothar Teske Manager Structure Development & Simulation Opel	1:45 pm	Astra - Vehicle Performance and Weight Optimization Boris Kuenkler, PhD, Wolfram Lieven General Motors
9:15	The Auto Industry On A Diet - Keynote Ali Jammoul, PhD Director Ford Motor Company	2:15 pm	Astra - Design and Manufacturing Klaus-Peter Eckhardt General Motors
9:45 am	A Strategic View on the Use of Aluminium in Automotive BIW Roland Hartmann Director Novelis	2:45 pm	Green Vehicles and Lightweight with Aluminium Fabio D' Aiuto, PhD, Alessandro Ziggotti FCA EMEA
10:15 am	Break in Exhibit Hall	3:15 pm	Break in Exhibit Hall
10:45 am	Tailored Solutions for BIW Lightweighting Mario Podavani, PhD CEO WISCO Tailored Blanks S.r.l.	3:45 pm	Innovative Alloy Innovations for Cost Efficient Lightweight Design Axel Foerderreuther, PhD Novelis
11:15 am	Material-Agnostic Lightweighting Solutions Jonathan Fisk Director, Global Product Strategy Management Shiloh	4:15 pm	An Automatic Die Face Design System in Early Tool Process Feasibility in Sheet Metal Forming Rodrigue Narainen, PhD, Harald Porzner, David Lorenz ESI Group
		4:45 pm	Simulation of innovative assembly processes – How Virtual Process Simulation Supports the Realization of Lightweight Concepts in Body-In-White Burkhard Ravagni, Sören Hilbers, Mathieu.Perennou Simufact Engineering GmbH
11:45 am	New Toughened Body Shop Adhesives Andreas Lutz, PhD, Director Ben Haag, Felix Koch Dow Automotive	5:15 pm	Reception Begins in Exhibit Hall
12:15 pm	Q & A - Panel Discussion		
12:45 pm	Session Adjourned & Lunch in PURE Restaurant	6:15 pm	Adjournment

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Program Wednesday, June 8, 2016

Registration 8:30am – 9:00 am

<p>Technology Enabling Design Room: Isenburg – 9:00 am to 12:30 pm Session Chair: Fabio D'aiuto, PhD Manager <i>FCA EMEA</i></p>	<p>Advances in Assembly and Fab Room: Isenburg - 1:30 pm to 5:00 pm Session Co-Chairs: Tobias Weichert <i>cleanLASER</i> Sullivan Smith, Principal Project Leader & Automotive Program Manager <i>TWI</i></p>
<p>9:00 am Bonding of Fasteners for Light Weight Constructions Ralf Hose, PhD, Bastian Stibbe <i>DELO Industrial Adhesives</i></p>	<p>1:30 pm Friction Spot Welding of Similar Aluminum Alloys AA6082-T6 for Application in Automotive Industry Uceu Suhuddin, PhD, Jorge dos Santos, PhD <i>Helmholtz-Zentrum Geesthacht</i></p>
<p>9:30 am Pre-Strain effect on Sheared Edge Cracking Limits of Aluminum Sheets Changqing Du, PhD, Dajun Zhou, PhD, Yongjun Zhou <i>FCA US</i> Goubiao Yang, Xinfeng Shi, Tian Bai, Wan Xu, Lianxiang Yang <i>Oakland University</i></p>	<p>2:00 pm The Use of Resistance Spot Welding for Dissimilar Joining of Steel to Aluminum for Car Body Applications Sullivan Smith <i>TWI Ltd.</i></p>
<p>10:00 am Light Metal Solutions Along the Entire Casting Value Chain Kathrin Schäuble, PhD <i>Henkel AG & Co. KGaA</i></p>	<p>2:30 pm Composite and Multi-material Joints in Body Applications Tim Welters, PhD <i>Henkel AG & Co. KGaA</i></p>
<p>10:30 am Break in Exhibit Hall</p>	<p>3:00 pm Break in Exhibit Hall</p>
<p>11:00 am Lighter Vehicles Start with Sika Denis Souvay <i>Sika Automotive AG</i></p>	<p>3:30 pm Laser Blanking: Competitive and Production Ready Jay Finn <i>LaserCoil Technologies LLC</i></p>
<p>11:30 am Loadability of Blind Rivet and Lock Bolt Joints - Small Modifications Make a Big Difference Sumanjit Singh, PhD <i>Consultant</i> Baris Gökce, PhD <i>Afyon University</i> Ziad Khalil, PhD <i>KED Engineering</i> Nigel Scotchmer <i>Huys Industries</i></p>	<p>4:00 pm Innovative Fiber Laser Joining Solutions with Static and Dynamic Beam Forming Berthold Kessler <i>IPG Laser GmbH</i></p>
<p>12:00 pm Environmentally Friendly Chemicals do Wonders - Paint Stripping, Surface Treatment, Reconditioning Catalytic Convertors and Particle Filters Rudi Feist, PhD <i>Fluorochemika Sp.zo.o</i></p>	<p>4:30 pm Laser Butt Welding of AlSi coated Press Hardened Steels – New Developments and Applications Francis Schmit, Sadok Gaied <i>ArcelorMittal R&D</i> Marius-Ioan Rotarescu <i>ArcelorMittal Tailored Blanks</i></p>
<p>12:30 pm Session Adjourned & Standing Lunch in Exhibit Hall</p>	<p>5:00 pm Session Adjourned</p>
<p>Special Events Thursday, June 9, 2016 TWI Visit</p>	
<p>9:00 am Leave London for TWI (Transportation Provided)</p>	<p>3:00 pm Leave TWI</p>

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