

Program Wednesday, November 4, 2015

Registration 7:30am – 9:00 am

To **register and exhibit** call (734) 997 9249,
email to info@gamcinc.org or
fax (734) 786-2242.

Technical Introductions of Vehicles

Plenary & Keynote: Lightweight Design Alternatives & Challenges Room: <i>Grand Hall</i> 8:30 am to 12:30 pm Session Chair: Robert Muzichuk Director, Advanced Vehicle Development <i>General Motors</i>		2016/ 2017 Body-in-White Introductions Room: <i>Grand Hall</i> 2:00 pm to 8:30 pm Session Chair: Ali Jammoul, PhD Global Director, Body Exterior & Safety <i>Ford</i>	
9:00 am	Introduction & Opening Remarks Robert Muzichuk Director, Advanced Vehicle Development <i>General Motors</i>	1:30 pm	New Global Model Introduction: The All-New 2016 Honda Civic Shawn Crichley, Principal Engineer <i>Honda</i>
		2:00 pm	Crashworthiness Development of the All-New 2016 Honda Civic Brad Klein, Senior Engineer <i>Honda</i>
9:15 am	Larry Geise Vice President <i>Honda</i>	2:30 pm	Nissan Maxima Katsuhiko Sugiyama, Director <i>Nissan</i>
9:45 am	Tom Boney Vice President and General Manager, Automotive Value Stream <i>Novelis</i>	3:30 pm	Break
10:15 am	Rich Morris Vice President <i>BMW</i>	4:00 pm	Ford F150 Shawn Morgans, Technical Leader & NA Front End and Under Body Manager Body Structure, Closures, & Body CAE <i>Ford</i>
10:45 am	Break	5:00 pm	Cadillac CT6 Warren Parsons, Chief Architects <i>General Motors</i>
11:15 am	Brad Davey Chief Marketing Officer <i>ArcelorMittal North America</i>	6:00 pm	Lincoln Continental Shawn Morgans, Technical Leader & NA Front End and Under Body Manager Body Structure, Closures, & Body CAE <i>Ford</i>
11:45 am	Jim Holland Vice President, Product Engineering <i>Ford</i>		
12: 15 pm	Q&A Panel Discussion		
12:30 pm	Session Adjourned & Lunch	7:00 pm	Reception & Exhibits and BIW Walk-Around
		8:00 pm	Adjournment



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Program Thursday, November 5, 2015 Registration 7:30am – 9:00 am			
Product Engineering Room: 103 8:30 am to 12:00 pm Session Co-Chairs: Pat Shafer , Manager/Principal Engineer of Underbody Design, <i>Honda</i> Warren Parsons , Chief Architect, AVD, <i>General Motors</i>	Manufacturing Processes I Room: 105 8:30 am to 12:00 pm Session Co-Chairs: Shawn Morgans , Manager, <i>Ford</i> Gagan Tandon , Director, <i>AMTB</i>	Materials Applications in BIWs Room: 103 1:30 pm to 5:00 pm Session Co-Chairs: Changqing Du, PhD , Manager, <i>FCA US</i> Jim Evangelista , Director, <i>Shiloh Industries</i>	Manufacturing Processes II Room: 105 1:30 pm to 5:00 pm Session Co-Chairs: Tim Canning , Director, Manufacturing <i>General Motors</i> Kevin Schnipke , Development Technical Expert, <i>Honda</i>
8:30 am CAE Fatigue Life Predictions of a Subsystem Under Inertial Forces and Moments Mingchao Guo, PhD Weidong Zhang, Ram Bhandarkar, Dajun Zhang, PhD <i>FCA US</i>	8:30 am Joining as an Enabling Technology for Mainstream Vehicle Light weighting Jerry Gould, PhD <i>EWI</i>	1:30 pm Ford F 150: How Substrate Mix Drives Pretreatment Technology. From Modern Zinc Phosphate To Thin Film Technology Terry Giles, PhD Henkel Adhesive Technologies	1:30 pm Die Starter - A New Approach to Manage Early Feasibility in Sheet Metal Forming Harald Porzner <i>ESI Group</i>
9:00 am Engineering a Next Generation Thermal and Aerodynamic Package via Total Airflow Management Thomas Ramsay <i>Honda</i>	9:00 am Development of an Indirect Resistance Brazing Technology for Sandwich Metal Panels Jerry Gould, PhD, <i>EWI</i> Doug Cox, <i>CellTechMetals</i>	2:00 pm Light Weight Hot Stamped LWB Side Structures for Narrow Offset Crash Gagan Tandon, Shawn Devaraj <i>AMTB</i>	2:00 pm From Part Design to Part Production – Virtual Hot Forming Engineering Illustrated – Focus Material Modelling Eren Billur, Harald Porzner, D Lorenz, Martin Holecek, M. Vrolijk, M. Hoss, B. Dahmena, Johan Friberg, Christian Koroschetz, Martin Skrikerud <i>ESI Group</i>
9:30 am Practical Failure Criterion of Spot Weld for Crash Simulation Chang-Young Oh, PhD, Ji-ho Lim, Jiwoong Ha <i>POSCO</i>	9:30 am Composite and Multi-Material Joints in Body Applications Tim Welters, PhD Henkel	2:30 pm Maximizing A-Pillar Design, Precision & Strength: All-New Three-Dimensionally Formed Ultra-High-Strength Steel Application Kurtis Horner <i>Honda</i>	2:30 pm World First Application of Ablation Casting for Ultra-rigid, Crashworthy & Precise Supercar Space Frame Brian Dressel Philip Vais, <i>Honda</i>
10:00 am Location and Shape Optimization of Skid Lifting Bracket for Better Safety and Vibration Isolation Aniket Palasgaonkar <i>Tata Motors</i>	10:00 am Laser Blanking for Today's Automotive Environment Jay Finn <i>LaserCoil Technologies</i>	3:00 pm BlankLight - Aluminum Laser Welded Blanks; Design, Simulation and Business Case Jonathan Fisk <i>Shiloh</i>	3:00 pm Multivariate Analysis – Turning Data into Information C. Jim Roan, PhD Jeff Boomer <i>Perceptron</i>
10:30 am Break	10:30 am Break	3:30 pm Break	3:30 pm Break
11:00 am Dimensional Study of Thermoplastic Composites for Automotive Class “A” Application Jian Tao, PhD, Saad Abouzahr, PhD <i>FCA US</i>	11:00 am Hydroforming Aluminum on the F150 Klaus Hertell <i>Schuler</i>	4:00 pm Achieving Tailored Properties on Hot Stamp Components through In-Die Controlled Cooling Jim Dykeman <i>Honda</i>	4:00 pm Production Quality - Workflow Techniques from Materials to Manufacturing using Optical Measuring John Psilopoulos, John Tyson, Tim Schmid <i>Trilion Quality Systems</i>
11:30 am IIHS Crash Avoidance Testing and Ratings Myles Wilson <i>IIHS</i>	11:30 am Laser Applications Enabling Trends in Enhanced Fuel Economy Pierson Cheng <i>TRUMPF</i>		4:30 pm DIC Measurement of Aluminum Sheets Edge Tearing Test Dajun Zhou, PhD Changqing Du, PhD Yongjun Zhou, PhD <i>FCA US</i> Guobiao Yang, PhD, Lianxiang Yang, PhD <i>Oakland University</i>
12:00 pm Fatigue Behavior of Adhesively Bonded Joints and Its Prediction Using Stress Analysis Georges Romanos, PhD <i>Henkel</i>	12:00 pm Adhesives Designed for High Strength Steel Dan Sophiea <i>Dow Automotive Systems</i> Andreas Lutz, PhD, Mansour Mirdamadi <i>Dow Europe</i>	4:30 pm Lightweight Design for Body in White with Hot Formed Tailor Rolled Products and CFRP body components Torben Wilks, Philip Beiter, Lukas Topol <i>Mubea</i>	
12:30 pm Session Adjourned & Lunch	12:30 pm Session Adjourned & Lunch	5:00 pm Session Adjourned	

Registration Form

FEE SCHEDULE FOR REGISTRANTS

General Registration Fee is \$1795 (*Access to sessions for all days of the conference; also includes an access to the IABC Library for the available abstracts, papers and presentations for a month starting 5 – 10 days after the conclusion of the event, coffee breaks, lunch(es), reception, and access to the exposition*)

- General Registration Fee is \$1795
- Co-Author Registration Fee is \$895
- Authors, Chairs, and Director of Global Automotive Management Council (GAMC) Registration Fee is \$795

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I will attend the CONFERENCE and EXHIBITS on: November 4 November 5

PAYMENT METHODS: (*All checks must be drawn from U.S. banks in U.S. funds*)

Make Check Payable to: GAMC (Global Automotive Management Council) in the amount of, US\$ _____

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Mail or Fax Registration Form to: GAMC, 5340 Plymouth Road, Suite 205, Ann Arbor, MI 48105, USA.
FAX: (734) 786-2242 EMAIL: info@gamcinc.org REFUND POLICY: No Refunds after September 17, 2015.
There is a 45% surcharge on cancellations before September 17, 2015.

Online Registration Available at www.gamcinc.org

A PayPal Account is required for all international transactions. If a PayPal account is not already in place you will be required to create one.

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