

Program Wednesday, September 22, 2010

Registration 8:30am – 9:00 am

Plenary & Keynote: Towards Carbon Neutral Vehicles <i>Room: Duesseldorf 8:45 am to 1:00 pm</i> Session Co-Chairs: Antonio Fuganti , PhD, Director, <i>Fiat Research Center</i> Klauss Pfeiffer , PhD, Manager, <i>AVL</i> Lothar Teske , Manager, <i>General Motors</i>		Technical Session 1: Vehicle Engineering & Powertrain Optimization <i>Room: Duesseldorf 1:45 pm to 6:15 pm</i> Session Co-Chairs: Mikael Fermer , PhD, Technical Specialist, <i>Volvo Cars</i> Heinz Lemberger , Chief Engineer, <i>BMW</i>	
8:45 am	Introduction & Opening Remarks Nasim Uddin, PhD President <i>Global Automotive Management Council (GAMC)</i>	1:45 pm	Load Predictions & Fatigue Simulation – Total Vehicle Body System Alexander Schick, PhD Boris Kuenkler, PhD <i>Opel</i>
9:00 am	Towards Carbon Neutrality Levi Thompson, PhD Professor <i>University of Michigan</i>	2:15 pm	Hot-Formed Steel in Car Body Structures Mikael Fermér, PhD Johan Jergéus Richard Johansson Johnny Larsson <i>Volvo Cars</i>
9:30 am	Urb-e: A Proposal by ENEA for a Hybrid City Car Ennio Rossi, PhD Carlo Villante, PhD <i>ENEA - Italian National Agency for New Technologies, Energy and Environment</i>	2:45 pm	Maneuver Based Testing – Proving Ground Tests at the Powertrain Test Bed Ferry Illmeier, PhD Klaus Pfeiffer, PhD <i>AVL</i>
10:00 am	The New 1.6 l Turbocharged MINI Cooper S Engine with Direct Injection and Fully Variable Valve Train Johann Schopp Gerrit Kiesgen, PhD Berthold Curtius, PhD Fritz Steinparzer Manfred Klütting, PhD Frank Kessler Bernhard Lechner Joachim Dunkel <i>BMW</i>	3:15 pm	Break
		3:45 pm	Frontloading – Why Do We Need Simulation and Highly Dynamic Test Beds? Klaus Pfeiffer, PhD Manager <i>AVL</i>
10:30 am	Break	4:15 pm	Integrated Driveability Assessment and Optimizations Environment on a Roller Test Bench Albert Albers, PhD Christian Zingel <i>IPEK / KIT</i>
11:00 am	Thermostats with Integrated Thermal Management Functions Eike Willers, PhD <i>Behr Thermotronic</i>	4:45 pm	VVETB – Front Loading of Start Stop System Development Martin Schmidt, PhD <i>AVL</i>
11:30 am	Switchable Water Pump for Engine Thermomanagement Tommaso Di Giacomo <i>Dayco Europe Srl</i>	5:15 pm	Use of Meta-Models in Crash Optimization JS Rao, PhD K Bigil Kumar, PhD <i>Altair India</i>
12:00 pm	Opel - Meriva BIW Optimization Lothar Teske Manager <i>OPEL</i>	5:45 pm	Oil Pressure, Level & Condition Sensors for Efficient Oil & Engine Management Torsten Eggers Heiko Dobrinski, PhD Thomas Niemann Jörg Stürmann, PhD Hella
12:30 pm	Q & A PANEL DISCUSSION	6:15 pm	Session Adjourned
1:00 pm	Session Adjourned & Lunch		

To **register and exhibit** call (734) 418-2365, email to info@bodycongress.org or info@gpr-icpem.org or fax (734) 418-2356.

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Program Thursday, September 23, 2010

Technical Session 2: Structure/Design Complementing Materials & Processes
 Room: *Duesseldorf* 9:00 am to 12:30 pm
 Session Co-Chairs: **Marjolaine Doux**, PhD, Program Manager, *ArcelorMittal*
Nico Langerek, Manager, *Corus Group*
Yves Meyer, Leader Project A9, *PSA PEUGEOT CITROËN*

Technical Session 3: Advanced Manufacturing Processes
 Room: *Duesseldorf* 1:30 pm to 8:30 pm
 Session Co-Chairs: **Thomas Reisinger**, PhD, Manager, *ABB*
Karl Roll, PhD, Manager, *Daimler*
Sumanjit Singh PhD, Consultant, *Audi (Emeritus)*

9:00 am **External Flow Simulation with Open Sun Roof and Optimization for Reduced Noise to Passengers**
 J.S. Rao
 Ashish Singh
Altair Engineering

1:30 pm **State of the Art of Joining in the Automotive Industry**
 Laurent Cretteur, PhD
 Program Leader Joining Technologies
ArcelorMittal

9:30 am **Sheet Development of Double Sheet Hydroforming Technology**
 Masahiko Sato
 Atushi Tomizawa
Sumitomo Metal Industries

2:00 pm **Development of Online Weld Modeling Tool for Automotive Applications**
 Yu-Ping Yang, PhD
 Menachem Kimchi
Edison Welding Institute
 Wei Zhang, PhD
Oak Ridge National Laboratory
 John Bohr
 Auto/Steel Partnership

10:00 am **Sheared Edge Cracking in Body Panel Stamping – Challenges and Efforts**
 Dajun Zhou, PhD
 Changqing Du, PhD
Chrysler

2:30 pm **Properties Optimization on Car Body Modules Through Adequate Selection of the Joining Processes**
 Laurent Cretteur, PhD
 Nicolas Bailly
 Aurélien Pic
 Atanas Tchorbadijysky
 Laurent Cotinaut
ArcelorMittal R&D

10:30 am **E-Coating Simulation: Art of Science**
 Robrecht Belis, PhD
Elyca

11:00 am **Break**

3:00 pm **Break**

11:30 am **Latest Developments in High Productive Laser Technology and its Application in Car body Manufacturing**
 Jürgen Schmid
 Rüdiger Brockmann, PhD
TRUMPF Laser- und Systemtechnik

3:30 pm **Spot Welding – Cost Analysis**
 Sumanjit Singh, PhD
 Consultant
Audi (Emeritus)

12:00 pm **Fiber Laser Welding in the Body Job, Laser Stitch Weld Gun Versus Remote Laser Welding**
 Berthold Kessler
IPG Laser

4:00 pm **New Developments in the Field of Mechanical Joining/Hybrid Joining**
 Ortwin Hahn, PhD
 Professor
 Matthias Wissling, PhD
University of Pederborn

12:30 pm **Session Adjourned & Lunch**

4:30 pm **Session Adjourned**

5:30 pm **RECEPTION & DINNER – MUNICH OKTOBERFEST**

8:30 pm **Adjournment**

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General Registration Form

PLEASE ATTACH BUSINESS CARD, PRINT OR TYPE

Name: _____

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Company: _____

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City: _____

State/Province: Zip: Country: _____

Daytime Phone: Fax: _____

Email: _____

PLEASE INDICATE BY AN "X" IN THE
APPROPRIATE BLANK BOX(ES)

I will attend RECEPTION/OKTOBERFEST on: September 23

I will attend CONFERENCE(S) on: September 22 September 23

FEE SCHEDULE FOR CO-AUTHOR REGISTRANTS

Registration Fee is Euro 1300, **After July 27 Euro 1500** (*Access to sessions for 2 days of the conference; also includes a copy of the Proceedings CD, coffee breaks, lunch(es), reception & dinner at Oktoberfest)

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

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

For Credit Card Payment: MasterCard VISA American-

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Account #: _____ Expiration Date: _____

(Cardholder's name & billing address if different from the above)

Signature: _____

Date: _____

Mail or FAX Registration Information by July 27, 2010 to: GAMC, 5305 Plymouth Rd., Ann Arbor, MI 48105, USA.

PHONE: (734) 418-2365 FAX: (734) 418-2356 REFUND POLICY: NO REFUNDS after July 21, 2010.

There is a 45% service charge on cancellation(s) before July 27, 2010.