6th Global Automotive Lightweight Materials Detroit Summit
22-23-24 August 2017, COBO Centre, Detroit USA
www.global-automotive-lightweight-materials-detroit.com

The Largest Automotive Lightweight Series Is Back:
Revealing Brand New Program With Presentations
From Ford, Tata Motors, Hyundai, Volvo, GM, FCA & More

The 6th Global Automotive Lightweight Materials Detroit Summit (GALM Detroit 2017) is the world’s leading automotive lightweight materials conference.

Our 6th event returns this August with more OEM case studies, materials focused presentations, interactive panel discussions and cutting edge manufacturing technologies.

This year, leading OEMs such as Ford, Tata Motors, Hyundai, Volvo, GM, FCA & more will be providing design solutions, material strategies & lightweighting insights.

Our brand new program for 2017 is finally available. Click here to download.

Here’s a snapshot of what you can expect:
Three Focused Days Giving You The Following Themes & Key Presentations:

• **DAY ONE**: Regulations, Sustainability Trends & Material Developments
• **DAY TWO**: Advanced Manufacturing Technologies & Multi-Material Joining
• **DAY THREE**: Carbon Fiber, Plastics, Advanced Composites And New Materials

Key Speakers Include:

• Dr. Sue Hartfield-Wünsch, Technical Fellow, Body Manufacturing Engineering, General Motors
• Steven Sherman, Fuel Economy Development Engineer, Hyundai – Kia
• David Irvin, Group Chief Engineer - Body, Trim & Lighting Engineering, Tata Motors
• John Uicker, Engineer, Ford
• Saeil Jeon, Technical Lead in Materials, Volvo Group Trucks Technology
• Venkat Aitharaju, Senior Researcher, General Motors
• Saeil Jeon, Technical Lead in Materials, Volvo Group Trucks Technology
• John Uicker, Engineer, Ford
• Saeil Jeon, Technical Lead in Materials, Volvo Group Trucks Technology
• Venkat Aitharaju, Senior Researcher, General Motors
• David Wagner, Technical Leader Lightweight Vehicle Design, Ford
• Xiaoming Chen, Vehicle Design & Infotronics Department, Research and Advanced Engineering, Ford Motor Company
• Dr. Khaled W. Shahwan, Fellow AIAA, Innovation & Advanced Development Engineering, Chrysler Technology Center, FCA US
• Stephen Currie, Lead Engineer, Body & Closures, Tata Motors European Tech. Centre
• Dr Venkat Aitharaju, Senior Researcher, Polymer Composites, General Motors Global Research and Development
Malcolm David Joynson, Chief Engineer Body Structures, Platform and Closures, Tata Motors European Technical Centre

Snapshot Of The OEM Presentations:

KEYNOTE PRESENTATION: CAFE STANDARDS AND GHG STATUS REPORT
Understand How The Automotive Regulations Drive Lightweighting And Sustainability Strategies, Future Changes To The Standards And What Impact They Can Make On The Industry
Steven Sherman, Fuel Economy Development Engineer, Hyundai - Kia Technical Center

CASE STUDY: MAGNESIUM FRONT SUBFRAME
Design And Testing Of A Cast Magnesium Front Subframe
John Uicker, Engineer, Ford

CASE STUDY: COMPOSITE PROCESSING
Explore Cost-Effective Lightweight Material Development With Lower Density Reinforcement
Saeil Jeon, Technical Lead in Materials, Volvo Group Trucks Technology

DAMAGE SIMULATION WITH COMPOSITES
Review The Latest Developments In Damage Simulation With Composites To Examine Ways OEMs Can Improve Computational Prediction
Venkat Aitharaju, Senior Researcher, General Motors

CASE STUDY: DESIGNING WITH COMPOSITES
Design Of A Carbon Fiber Composite Front Subframe
Xiaoming Chen, Technical Expert, Ford

INNOVATIVE OEM LIGHTWEIGHTING STRATEGIES
Presenting An Integrated Approach to Indian Domestic Passenger Vehicle Lightweighting
David Irvin, Group Chief Engineer - Body, Trim & Lighting Engineering, Tata Motors European Technical Centre

Register now to secure your place at the largest automotive lightweighting conference in North America to get first hand insight into the latest changes in regulations, material trends and high volume technologies to perfect your lightweighting strategy.

Visit www.global-automotive-lightweight-materials-detroit.com