

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
- 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

