

Join GM, Hyundai, Ford, FCA At The Modeling, Simulation and Testing Automotive Lightweight Materials Conference

www.modeling-simulation-lightweight-materials.com

The [New Methodologies for Modeling, Simulation and Testing Automotive Lightweight Materials Conference](#), (July 26-27, 2017, Crown Plaza, Detroit) will address the immediate challenges for OEMs in modeling and simulation and provide best practice solutions for **reducing the gap between simulation and testing**.

Industry case studies from **GM, Hyundai-Kia, Ford, Faraday Future, FCA** and many more will provide benchmarking opportunities for attendees within the **CAE, Virtual Design, Crashworthiness** and **Safety Engineering** disciplines.

Key Speakers Include

- Dr. Reza Bihamta, CAE Expert, General Motors
- Dr Salman Kahn, CAE Lead, Faraday Future
- Michael Guerrero, Senior Research Engineer, Hyundai-Kia America Technical Center
- Mr. Mohan Shanmugam, Modflow Specialist/Design Integrity Engineer, FCA Group
- Steven Sheng, Formability Engineer, General Motors
- Snehan Peshin, Product Manager (Materials), Ford Motor Company
- Natalia Navarrete Alzate, Technical Lead For CAE, FCA Mexico
- Jose Luis Galaviz, Frame Technical Lead - RAM Truck, FCA Group
- Mohammed Omer, CAE Crash and Safety Engineer, Ford Motor Company

Key Features Of The Two-Day Agenda

- Simulation of adhesive joining on composite and metallic body structures
- Modelling and simulation of composite material properties (NHV/FEM)
- Modelling and simulation of metallic material properties (FEM/Forming Limit)
- Modelling and simulation of mixed joining technology (SPR/Spot-Welding)

Officially Lifting The Veil On This Year's Event Case Studies:

OEM CASE STUDY: HOW TO SUCCESSFULLY MODEL ADHESIVE JOINTS

Addressing Complex Challenges And Predicting Future Developments Of Modeling Adhesive Joints

Dr Reza Bihamta, CAE Specialist, General Motors

OEM CASE STUDY: METHODOLOGY ON HOW TO MODEL COMPOSITE MATERIAL PROPERTIES IN SIMULATION

Streamline The Complexity Of Composite Model To Cut Turnaround Time of Modeling and Testing

Snehan Peshin, Product Manager (Materials), Ford Motor Company

OEM CASE STUDY: ALUMINIUM FORMING LIMIT

Adopting New Methods To Provide Better Accuracy In Design And Minimize Material Costs

Steven Sheng, Formability Engineer, General Motors

For more information, visit <http://www.modeling-simulation-lightweight-materials.com/>