ENLIGHTEN
AWARD 2018

Automotive’s Only Award Dedicated to Vehicle Lightweighting

In Partnership with: Supported by:
Simulation Driven Innovation

Culture, People, Technology
Automotive's Only Award Dedicated to Vehicle Lightweighting

The Altair Enlighten Award honors the greatest achievements in automotive vehicle weight saving each year; to inspire interest from industry, engineering, policymakers, educators, students and the public; to create further competition for new ideas in the industry; and to provide an incentive to share technological advances.
Categories for 2018

Full Vehicle
Lightweighting of a specific vehicle

Module
Subsystem & components

Enabling Technology
Materials, manufacturing & joining technologies

Future of Lightweighting
Idea or technology that has future weight saving potential
Our Judges

- Carla Brallo: President and CEO, Center for Automotive Research
- Jim Branchaud: Member of Altair’s Board of Directors
- Harvey Bell: Professor of engineering practice and co-director of the Multidisciplinary Design Program at The University of Michigan
- Abhay Vothanvar: Director, Manufacturing, Engineering, & Technology at the Center for Automotive Research (CAFR)
- Gary Latham: Director of Design Engineering at Pratt & Miller Engineering
- Dr. Gernot Schmitz-Josten: Founder and head of strategic consulting, CSJ Schmitz-Josten & Company
- Chris Theodore: President of Theodore & Associates automotive industry consulting
- Ryan Gehm: Editor-in-Chief, Truck & Off-Highway Engineering Magazine at SAE International
- Dr. Mark White: (Retired) Chief Engineer Body Complete Business Unit, Body Engineering, Jaguar Land Rover Product Development
- Dr. Frank Zhao: Professor and Director of Automotive Strategy Research Institute at Tsinghua University
- Ken Foulhy: Managing Director, VDI Verlag GmbH and Editor in Chief of VDI Nachrichten
- Daisuke Kageyama: Professor at Nihon University, College of Industrial Technology, Department of Mechanical Engineering and Director of the Nihon University Center for Automotive Research
Thank you to our partners
2018 Finalists

DAIMLER  GM  BMW  SAIC  HONDA  JAGUAR  LAND ROVER  FCA  MAHINDRA

Asahi KASEI  A/S P  Auto/Steel Partnership  EW1  Sika  Gestamp  KN Platech  TMD

DICIC  MAGNA  Golden Dragon  United States Steel  Vitro  BAIC BJEV  NAGASE  NAGASE America Corp.

Faurecia  Grupo Antolin  IAC  Inteva  Products  Iroquois  Saint Jean Industries  Subros

Hiroshima University  UBC  The University of British Columbia  Outokumpu  Meridian  Valentin Technologies, LLC

3M  Arconic  Innovation, engineered.  Yanfeng  AK Steel  Magneti Marelli  University of Toronto
Winner: AAM - Quantum Driveline Program
Winner: Asahi Kasei - Glass Fiber Reinforced Polyamide 66 Pedal Bracket
Winner: United States Steel - Martensitic Advanced High Strength Steels
Winner: Sika - Constrained Layer Material System for Structure Borne Noise Damping
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Module
2018 Runner Up
Runner Up: Faurecia - Resonance Free Pipe
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Module 2018 Winner
Winner: BMW – i8 Roadster 3D Printed Bracket
Runner Up: Daimler – Mercedes-AMG GT R
Winner: General Motors – 2019 Chevrolet Silverado
We would like to invite you to join the

2019 Altair Enlighten Award

Categories for OEMs & Suppliers:
- Enabling Technology
- Module
- Full Vehicle
- Future of Lightweighting

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Thank you
altairenlighten.com/award