Altair

Nominations are in for the 2017 Altair Enlighten Award

June 28, 2017

29 companies from around the world have submitted entries for the automotive lightweighting accolade

TROY, Mich., June 28, 2017 – Nominations are now closed for Altair's 5th Enlighten Award. After the review and screening, 29 nominations qualified as finalists for the judges' review, with 4 submissions in the full vehicle category, 15 in the module category and 10 in this year's new enabling technology category. The award, which aims to celebrate and promote innovation in automotive lightweighting, will be presented in partnership with the Center for Automotive Research (CAR) at the 2017 CAR Management Briefing Seminars (MBS), set to take place in Traverse City, Mich. from July 31st-August 3rd.

This year's award saw the addition of a new category to better showcase those technologies that enable the innovation in full vehicle and module developments, such as new materials, processes and joining technologies. The judging panel is comprised of experts in the automotive industry from across the globe, and is chaired by Dr. Jay Baron, President and CEO of CAR and Director of CAR's Coalition for Automotive Lightweighting Material (CALM).

"In this fifth year of the award, we are very pleased to see continued growth in the number of nominations originating globally," said Jay Baron. "For the automotive sector, meeting CO2 emissions challenges is an international challenge, and it is encouraging to see unique and innovative solutions and advanced technologies being presented from manufacturers and suppliers around the world."

The 2017 Enlighten Award nominees in the full vehicle category are:

Aston Martin Lagonda: 2017 DB11
FCA US LLC: 2017 Chrysler Pacifica
Honda: 2017 Acura NSX
Suzuki Motor: 2016 Suzuki DX3

The 2017 Enlighten Award nominees in the module category are:

BorgWarner Thermal Systems: On/Off Fan Drive for the 2017 Freightliner M2 MSL
Brilliance Auto R&D Center: Front Subframe for the 2017 Brilliance V7
Dayco: ACTIVACTM Vacuum Generation System for the 2017 Ford F-150
Eicher Polaris Pvt. Ltd.: Tailgate and Tire Mounting Assembly for the Eicher Polaris Multix
Faurecia: Front End Module for the 2017 Volvo XC60
Faurecia Clean Mobility: Faurecia Adaptive ValveTM for multiple 2014-2017 Chevrolet/GMC/Cadillac vehicles
Great Designs in Steel Steering Committee: Complete Body Frame Integral System for the 2018 Honda Odyssey
Jaguar Land Rover: High Pressure Die Castings for the 2017 Land Rover Discovery
Nucor Corporation: Castrip Grade 80 HSLA Steel for the 2016-2017 Jeep Liberty and Jeep Patriot
Silia Automotive: Silia®reinforcer for the 2017 Volvo V60
Toyota Motor North America: Carbon Fiber Reinforced Plastic Closure Panels for the 2017 Toyota Prius and Lexus LC500
Vari-Form: Reinforcement Assembly Front Pillar Outer for the 2016 Nissan Titan
VE Commercial Vehicles: Bell Crank Assembly for Heavy Duty Trucks for the 2016 8x2
Waterloo Tea NA: Integrated Rear Trunk Gear Axle for the 2017 Mack Granite, MR, LE, CXU and CHU
Wheeling Metalcast: Magnesium Die-Casting Technology for the 2017 Chrysler Pacifica

The 2017 Enlighten Award nominees in the enabling technology category are:

AP&T AB: Production Line for High Strength Aluminum Forming Technologies
Constellium: HSA6TM High Strength Aluminum Alloys
Continental Structural Plastics: TCA®-Ultra Liah® Composite Material for the 2016 Chevrolet Corvette C7
Dana Holding Corporation: Victor Reinz® Thermoplastic Cylinder Head Cover with MuCell® for 2015 Ford F-250 - F-550
Eisenmann Anlagenbau GmbH & Co KG: Polycarbonate Window Hard Coating for the 2017 Buick GL 8
Henkel Corporation: Bonderite M-NT 1820 Zirconium Oxide Based Thin Film Mixed Metal Pretreatment for multiple 2014-2017 Ford, Cadillac, Buick, Chevrolet and Qoros vehicles
Vitro (formerly Pittsburg Glass Works): Lightweight Glazing for the 2017 Ford GT
Silia Automotive: Silia®Power Crash Resistance Adhesive Technology for the 2017 BMW 7 Series
Solvay: Ixef® Polyarylamide Resin Enabling Lightweighting Solutions for the BMW i Present BMW i3
Yanfeng Global Automotive Interiors: Compression Hybrid Molding Eco Lite Natural Fiber for the 2017 BMW 5 Series

"We have seen great momentum this year, with a 50% increase in entries compared to last year, which demonstrates the growing prestige of the award," said Richard Yen, Senior Vice-President, Automotive and Global Markets Team at Altair. "The addition of the enabling technology category and more international judges has encouraged an increase in innovative submissions, making this the most competitive year for the Enlighten Award so far."

The Altair Enlighten Award honors the greatest achievements in vehicle weight saving each year to inspire interest from 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.

About Altair

Founded in 1985, Altair is focused on the development and application of simulation technology to synthesize and optimize designs, processes and decisions for improved business performance. Privately held with more than 2,600 employees, Altair is headquartered in Troy, Michigan, USA with more than 67 offices throughout 23 countries, and serves more than 5,000 corporate clients across broad industry segments. To learn more, please visit www.altair.com.

About CAR
The Center for Automotive Research is a non-profit organization based in Ann Arbor, Michigan. Its mission is to conduct research on significant issues related to the future direction of the global automotive industry, organize and conduct forums of value to the automotive community and foster industry relationships. For more information, visit the CAR website: www.cargroup.org.

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