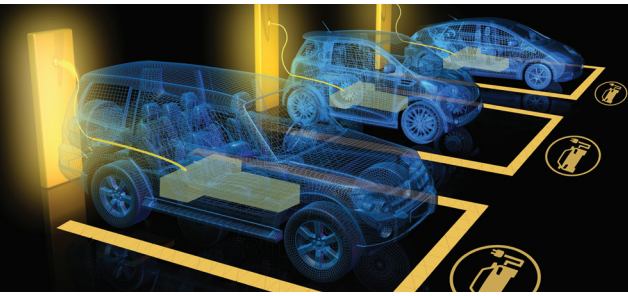




EVENT-AT-A-GLANCE HYBRID AND ELECTRIC VEHICLE TECHNOLOGIES SYMPOSIUM

Tuesday, February 19 - Thursday, February 21



TUESDAY

VEHICLE ELECTRIFICATION POLICY AND MARKET SESSION

8:15 a.m.-9:00 a.m. Keynote Speaker
9:00 a.m.-9:30 a.m. California's Emission Reduction Challenges and the need for Technology Innovation Joshua Cunningham, CARB
9:30 a.m.-10:00 a.m. Title TBD Gil Tal, UC Davis
10:00 a.m.-10:30 a.m. Technical Presentation
10:30 a.m. Break

ENABLING LONG-RANGE EV'S SESSION

11:00 a.m.-11:30 a.m. 180-Mile Charge in 10 Minutes: Utilizing Solid-State-Transformer Technology for Micro-Grid-Capable Extreme Fast Chargers Charles Zhu, Delta Electronics
11:30 a.m.-12:00 p.m. The Future of Global PEV Range and Electric Consumption Test Procedures - Is It a Path to Success Bryan Roos, General Motors
12:00 p.m.-12:30 p.m. Title TBD Dave Robertson, Argonne National Lab
12:30 p.m. Lunch

ELECTRIFIED VEHICLE INFRASTRUCTURE SESSION

1:30 p.m.-2:00 p.m. Technical Presentation
2:00 p.m.-2:30 p.m. Advances in California Hydrogen Fueling Infrastructure Matt McClory, Toyota Motor Engineering & Mfg NA Inc.
2:30 p.m.-3:00 p.m. The Advanced Smart Grid : Edge & Mobile Power Driving Sustainability Andres Carvallo, CMG
3:00 p.m.-3:30 p.m. A Pioneer's Journey to Build the Nation's Largest Public DC Fast Charging Network Ivo Steklac, EVgo
3:30 p.m. Break

ELECTRIFIED VEHICLE INFRASTRUCTURE

4:00 p.m.-4:30 p.m. Hydrogen and Fuel Cell Vehicles - The New Clean Energy Revolution William Elrick, California Fuel Cell Partnership
4:30 p.m.-5:00 p.m. Title TBD Mark Duvall, Electric Power Research Institute
5:00 p.m.-5:30 p.m. Plug & Charge Overview Barton Sidles, Hubeject, Inc.
5:30 p.m.-6:15 p.m. Expert Panel Discussion
6:30-8:30 p.m. Networking Reception sponsored by Toyota

WEDNESDAY

OEM - HEV'S

8:00 a.m.-8:30 a.m. Engineering a "No Compromise" Solution for the 2020 Explorer Hybrid Enio Gomes, Ford Motor Company
8:30 a.m.-9:00 a.m. Title TBD Hideaki Yaguchi, Toyota Motor North America, Inc. R&D
9:00 a.m.-9:30 a.m. Title TBD Honda
9:30 a.m.-10:00 a.m. Toyota New Global Architecture 2.0L Engine Kazunori Irifune, Toyota Motor North America, Inc. R&D
10:00 a.m. Break

OEM - HEV'S AND PHEV'S

10:30 a.m.-11:00 a.m. Ford Next Generation Electrified Powertrain and Vehicle - Components Brett Hinds, Ford Motor Company
11:00 a.m.-11:30 p.m. Development of the 2-Motor Hybrid Powertrain for the New INSIGHT Noritaka Yamahuchi, Honda
11:30 p.m.-12:00 p.m. Title TBD Goro Tamai, General Motors
12:00 p.m. Lunch

OEM - EV'S

1:00 p.m.-1:30 p.m. Technical Presentation, TBD
1:30 p.m.-2:00 p.m. Title TBD Jeff Samalot, BMW
2:00 p.m.-2:30 p.m. Toyota Project PORTAL - ZERO emission Class 8 Truck Powertrain Tak Yokoo, Toyota Motor North America, Inc. R&D
2:30 p.m.-3:00 p.m. Technical Presentation
3:00 p.m. Break

OEM - DISRUPTORS

3:30 p.m.-4:00 p.m. The Attackers Perspective Peter Savagian
4:00 p.m.-4:30 p.m. NIO Electric SUV Platform: Electrified Powertrain and Unique Charging Strategies Rick Rajaie, NIO, Inc.
4:30 p.m.-5:00 p.m. Title TBD Speaker TBD, Honda
5:00 p.m.-5:45 p.m. Expert Panel Discussion
5:45 p.m. End of Day 2

THURSDAY

7:00-8:00 a.m. Breakfast Roundtables Sponsored by Ford Motor Company

8:15 a.m.-8:30 a.m. HEV Course Offerings SAE Instructor: Saeed Siavoshani, Siemens
8:30 a.m.-9:00 a.m. Electrification of Commercial Vehicles Gary Horvat, Navistar
9:00 a.m.-9:30 a.m. Electricity Consumption of Electric Bus on the EKO 1 Line in Belgrade (Serbia) in Different Periods of the Year Slobodan Misanovic, GSP Belgrade & University of Kragujevac
9:30 a.m.-10:00 a.m. Technical Presentation
10:00 a.m. Break

ELECTRIFIED POWERTRAIN SYSTEM & COMPONENTS

10:30 a.m.-11:00 a.m. E/E-Architecture Trends and Powertrain Controllers Nityananda Hadya, Bosch
11:00 a.m.-11:30 a.m. Valeo Electrification Vision - From 48V to High Voltage Daniel Benchehrate, Valeo
11:30 a.m.-12:00 p.m. Through-the-Road Hybrid Demonstrator with In-Wheel Motors Benjamin Hibberd, MAHLE Powertrain LLC
12:00 p.m. Lunch

ELECTRIFIED POWERTRAIN SYSTEM & COMPONENTS

1:00 p.m.-1:30 p.m. Contamination Control for Electrified Powertrains Michael Harenbrock, Mann-Hummel
1:30 p.m.-2:00 p.m. Sparking Safety: Pyrotechnics in Powertrain Leyton Munoz, Hirtenberget Automotive Safety GmbH & Co KG
2:00 p.m.-2:30 p.m. Higher Reliability for in-Vehicle 48V Power Nets with Arcing Detection System Ali Sarafraz, SEI ANTech-Europe GmbH (SUMITOMO Electric Group)
2:30 p.m. Break

THURSDAY *continued*

ESS - ADVANCES IN AND BEYOND LI-ION

3:00 p.m.-3:30 p.m. Mobility for Tomorrow: Propulsion Systems Today and Tomorrow Patrick Lindemann, Schaeffler
3:30 p.m.-4:00 p.m. Which BEV Powertrain? Cost and Efficiency Analysis of Different Powertrain Technologies Ajay Lukha, Yasa, Ltd.
4:00 p.m.-4:30 p.m. A New Higher Power Density Battery Cell for Full Hybrid Vehicles in 2019 Bob Taenaka, Ford Motor Company
4:30 p.m.-5:00 p.m. Technical Presentation TBD
5:00 p.m.-6:00 p.m. Expert Panel Discussion
6:00 p.m. End of Symposium