



安亭·上海国际汽车城

Anting · Shanghai International Automobile City

SAE 2018 NEW ENERGY VEHICLE FORUM

新能源汽车国际论坛 (第六届)

September 11-12, 2018

Crowne Plaza Shanghai Anting Golf, Shanghai, China

www.sae.org/attend/new-energy-vehicle-forum



EVENT OVERVIEW

International expertise comes together at the SAE 2018 New Energy Vehicle Forum to provide information on electric drive vehicles, systems and technology designed to meet China's New Energy Vehicle's Dual-Credit Scheme. The presentations will include technical issues, solutions and features related to the development of key vehicle systems and sub-systems for electric and hybrid-electric vehicles. The forum provides the opportunity for attendees, speakers, exhibitors, and sponsors to discuss the latest technical challenges and solutions needed to fulfill China's New Energy Vehicle Policy.

HOST

SAE International

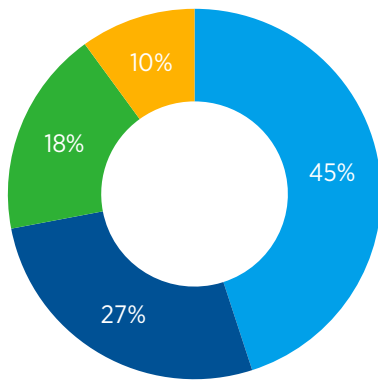
Shanghai International Automobile City Development & Services Co.,Ltd

LAST YEAR, 400+ PEOPLE

ATTENDED SAE 2017 NEW ENERGY VEHICLE FORUM

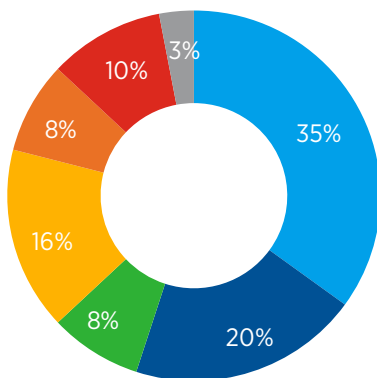
ATTENDEES CONSISTED OF:

COMPANY CATEGORY



- OEM, Airframer, Aero Engine
- Design/Testing/Consulting/R&D Services
- Tier 1 Supplier/Tier 1 Systems Integrator; Parts & Components
- academia, government, others

JOB CATEGORY



- Product Design & Development, R&D
- Corp.Executive
- Consultant
- Engineering Management
- Marketing & Sales
- Academia
- Others



9:00 - 9:30

Welcome and Introductions

Billy XU, General Manager, China - SAE International
Shanghai International Automobile City Development & Services Co.,Ltd

9:30 - 10:15

Keynote - Market Analysis and Outlook

Experts from industry and government will provide insights on current market conditions as well as the future outlook of the new energy vehicle industry (NEV). Important market factors such as consumer demand, regulatory changes, supply chain dynamics and technology advancements are few of the many factors that will be addressed and discussed during this session.

Brett Hinds, Chief Engineer - Electrified Powertrain Systems, Ford
Dongchang ZHAO, CATARC

10:45 - 12:00

Panel Discussion - Addressing the Challenges of NEV

The panel of automakers will share their differing approaches to China's recently introduced New Energy Vehicle mandate. Each will discuss what the new mandate means for New Energy Vehicle manufacturing as well as both the technical and economical impacts of the policy. Also addressed will be the greatest challenges presented by the mandate as well as the downstream impacts to vehicle research and development.

Moderator

Xichan ZHU, Tongji University

Penalists

Michael Wong, Senior Director, Vehicle Propulsion, China R&D - Volvo
Kevin Tallio, Chief Engineer for Electrified Powertrain Engineering - Ford

12:00 - 13:30

Lunch

13:30 - 17:30

Vehicle Research and Development

Manufacturers and other key stakeholders in China's NEV market will present on recent successes and challenges as well as the future direction of this continually evolving industry. Experts from leading organizations will share their perspectives on the market's needs in many critical areas such as technology deployment, features, technical requirements and product development.

Ferhat Sement, BMW
Michael Wong, Senior Director, Vehicle Propulsion, China R&D - Volvo
Ping CHEN, Vice President - BAIC New Technology Institute
Jianfeng ZHANG, GEELY New Energy R&D Institute
David Brooks, Director, Global Propulsion Systems R&D Lab - GM



9:00 - 9:45 **Keynote - EVs as a Driver of Grid Modernization and Sustainable Nuclear Power©**

Paul Sheridan, President - DDM Consulting

9:45 - 12:00 **Battery & ESS Technology**

Continued developments and advancements in both battery and energy storage systems are essential for the growth of the new energy vehicle market. Advancements in these core technologies are critical to create more cost-effective and efficient propulsion systems. Experts in these areas will provide insight on the current state of these technologies which include, but are not limited to, developments, capabilities, successes, challenges, and limitations. They will also provide their perspective on the future direction of these important technologies.

Design and Test Challenges of EV/HEV

Chi CHEN, Keysight

BMS Technology Trends and Preh BMS Development

Preh Automotive

The Application Trend of Thermal Interface Materials in EV Power System

Henkel

CALCE (Invited)

Total Battery Consulting (Invited)

12:00 - 13:30 Lunch

13:30 - 17:30 **Motor and Electric Control**

This session focuses on the role that motors and electrical control/charging play in the NEV market's on-going effort to increase range mobility and energy availability to accommodate the consumer's variety of driving patterns and modes. In addition, this session will explore the unique challenges NEV's present from both a design and reliability/durability standpoint and the important need of functional testing the electric drive powertrains.

TBD

Dr. Chunting (Chris) Mi, Professor - San Diego State University

TBD

Jie BAI, Professor - Tongji University

Transient Lateral Performance of a Four Wheel In-Wheel-Motor Torque Vectoring Strategy

Protean Electric

A Modern Electric Bus Fleet: Improving Public Transit with System-Level Modeling

Cybernet

TBD

Ricardo



VENUE INFORMATION

Crowne Plaza Shanghai Anting Golf

Address: No.6555 BoYuan Road, JiaDing District, Shanghai, China

Phone: +86-21-6056-8888



Registration Fee: CNY 3,200 (Only New Energy Vehicle Forum)

Co-location Events

Noise and Vibration Forum (September 13)

Register 2 Events (September 11-13)

Registration Fee: CNY 2,000

Registration Fee: CNY 4,000

More Information and Registration, Please Visit:

www.sae.org/attend/new-energy-vehicle-forum



Registration & Exhibit & Sponsorship Contact (China):

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Professional Development Seminars will be Co-located on September 11-13

For more information, Please visit:

www.sae.org/learn/professional-development