

Overview

SAE International Vehicle Electrification and Autonomous Vehicle Technology Forum will discuss and share the topics about vehicle electrification and intelligent vehicle technologies. 2017 VEAV will focus on the following topics: vehicle electronics and electrical architecture, electric motor and electric control, power electronics and drive system, as well as trends, challenges and solutions regarding 48V system. Presentations will be provided by experts and executives from OEMs, integrators, suppliers and academics to showcase a clearer view about the technology progresses, challenges and solutions happening in the automotive industry.

2017 VEAV will gather executives from automotive manufacturers, EV parts suppliers, transportation departments, automotive/transport design consultants to talk about key issues in the design process, including the production of concept vehicles, design of power electronics and electric motors, applications of 48V system, fuel cell, and standardization. The discussions in 2017 VEAV will be focused on the trends, challenges and solutions regarding vehicle electrification, electric motors and electronic control, as well as 48V systems. Presentations will be provided by experts from OEMs, integrators, suppliers and academia.

Host

SAE International

China Auto Association Electric Motor and Electric Appliance Committee for Vehicle

China National Machinery Industry International Co.,Ltd.

Messe Frankfurt (Shanghai) Co. Ltd

Co-organizer

China Automobile New Energy Electric Motor And Electric Control Industry Alliance



Technical Committee Member



William CAI
CTO
Jing-jin Electric



Huibin LI
Engineering Director
Delphi Connection Systems



Luming LIU
Regional President
Bosch Engineering GmbH



Chengliang YIN
Professor
Shanghai Jiaotong University

Contact us

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WHO ATTENDED SAE 2016 VEHICLE ELECTRIFICATION AND AUTONOMOUS VEHICLE TECHNOLOGY FORUM?

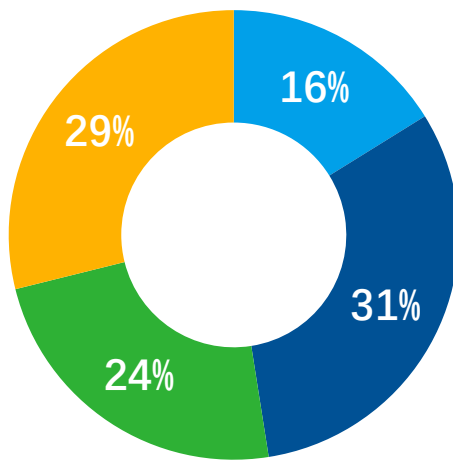
LAST YEAR, THE VEHICLE ELECTRIFICATION AND AUTONOMOUS
VEHICLE TECHNOLOGY FORUM ATTRACTS APPROXIMATE

350 PROFESSIONALS ATTENDEES

CONSISTED OF:

- CORPORATE EXECUTIVES
- ENGINEERS
- ENGINEERING MANAGEMENT
(R&D/PRODUCT, SYSTEM DESIGN & DEVELOPMENT)
- ACADEMICS
- GOVERNMENT OFFICIALS
- CONSULTANTS

INDUSTRY CATEGORY



- OEM
- Vehicles' electronic Supplier
- Other Parts Supplier
- Others (Research, Equipment, Test, Software & Consultant)



Preliminary Agenda

29th November, Wednesday

- 8:30 - 8:45 **Opening Speech**
SAE International
China National Machinery Industry International Co.,Ltd.
- 8:45 - 9:15 **Keynote - Trends and Outlooks of Vehicle Electrification and Intelligence Technologies**
Industry leaders will share the latest progress of vehicle electrification and intelligence technologies, including current applications, prospective technologies' outlook, opportunities and challenges.
- 9:15 - 10:15 **Panel Discussion**
Moderator
Chengliang YIN, Professor - Shanghai Jiaotong University
Guests
Jun ZHU, General Manager - Shanghai E-Propulsion Auto Technology Co.,Ltd.
Tong ZHANG, CTO - CHS Dongfeng
More Guests Invited
- 10:15 - 10:45 Break
- 10:45 - 12:15 **Application Prospects and Challenges of 48V Systems**
Chairman: Huibin LI
Industry leaders from OEMs, Tier one suppliers and technical research institute will share the latest development in 48V system, including its current applications, prospective technologies, opportunities and challenges.
Delphi 48V Electrification System Architecture Value Proposition
Jie GU, Chief Engineer - Delphi
Gen2 48V System Key Challenges and Solution from UAES
Dr. Hai HE, Senior Manager - UAES
The Development and Application of BMS used for 48V Micro-Hybrid System
Preh
- 12:15 - 13:30 Lunch
- 13:30 - 15:30 **Technology and Challenge of PHEV / PEV**
Chairman: Liangcheng YIN
TBD
Jian WANG, Shanghai E-Propulsion Auto Technology Co.,Ltd.
TBD
Tong ZHANG, CTO - CHS Dongfeng
- 15:30 - 16:00 Break
- 16:00 - 17:00 **Technology and Challenge of PHEV / PEV (Continued)**
Shanghai Motor Vehicle Inspection Certification & Tech Innovation Center

Preliminary Agenda

30th November, Thursday

- 8:30 - 8:40 **Opening Speech**
SAE International
CAAM
China National Machinery Industry International Co.,Ltd.
- 8:40 - 9:00 **Award Ceremony**
- 9:00 - 9:30 **Keynote**
TBD
Dr. Mazen Hammoud, Director - Powertrain, Asia Pacific, Ford Motor
- 9:30 - 10:15 **Panel Discussion**
- 10:15 - 10:45 **Electric Motor and Control System Chairman: William CAI**
This session will discuss motor-control integration, application and design of permanent magnet materials and motors, and trends of electric driving.
NIO (Invited)
- 10:45 - 11:00 Break
- 11:00 - 12:30 **Electric Motor and Control System (Continued)**
TBD
Surong HUANG, Professor - Shanghai University
TBD
Guangming YANG, BYD
TBD
Xixian YANG, Jing-Jin Electric
- 12:30 - 13:30 Lunch
- 13:30 - 15:40 **Powertrain Electronics Control and New Technologies and Materials Chairman: Luming LIU**
This session will focus on the latest technology and solutions of powertrain electronics components, control systems etc.
TBD
Deping WANG, FAW
TBD
Xusheng ZHANG, Ford Motor
TBD
Shaoyou SHI, BAIC
TBD
Shuchang HAN, Marketing Industry Manager of Automotive and Energy Solutions - Keysight
TBD
Sheng MEI, Chief Engineer - Zhejiang BH Bearing Co., Ltd.
- 15:40 - 16:10 Break
- 16:10 - 17:10 **Powertrain Electronics Control and New Technologies and Materials (Continued)**

Registration

Fee: CN¥ 3,000 (TWO DAYS)

All registration amenities include access to technical sessions, exhibit, tea break, lunch, reception, networking opportunities. Digital Presentations will be provided after the forum, which has been permitted by speakers.

If additional display space is needed, please inquire SAE directly.

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Venue Information

Crowne Plaza Shanghai

Address: 400 Pan Yu Road, Xuhui District, Shanghai, China

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Information of Local Transportation:

TRANSPORTATION	DISTANCE	TAXI FEE
To Shanghai Railway Station	around 8.8 km	around CNY 28.00
To Shanghai Hongqiao Int'l Airport	around 9.4 km	around CNY 29.00
To Shanghai Pudong Int'l Airport	around 51.5 km	around CNY 180.00





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