

2018国际

April 12-13
Shanghai

智能网联汽车创新峰会

**International Intelligent & Connected Vehicle
Innovation Summit 2018**

Intellegence · Cooperation · Future

Technology Integration & Innovation Facilitate Intelligent Travel



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Background

Represented by Artificial Intelligence, mobile Internet, big data and cloud computing, the new round of technological revolution is thriving and flourishing. In view of these developments, the Chinese government has put forward the development strategy of "Made in China 2025" and "Internet+", and vigorously promoted industrial transformation, upgrading and restructuring. Automotive industry, as the pillar industry of national economy, boasts its large scale, strong impetus effect, high degree of internationalization, as well as intensive capital and technical talents. It will certainly become an important supporter for a new round of technological revolution and transformation and upgrading of China's manufacturing industry.

The Intelligent and Connected Vehicle, following New Energy Vehicle, will be the new commanding heights for China's automotive industry. Major automakers like FAW, SAIC, Changan and BAIC have all formulated systematic strategies for the development of Intelligent and Connected Vehicle. Technology giants such as Alibaba, in cooperation with SAIC, has released Roewe RX5, the first Internet car, and Baidu has also deployed the unmanned vehicle field and made its Apollo platform open to the public. Related companies have sprung up one after another in the Intelligent and Connected Vehicle industry. According to the planning of relevant departments, the market share of ADAS-equipped and partial autonomous vehicles will reach 50% by 2020 and the share of highly autonomous vehicles will reach 15% by 2025. The market share of fully autonomous vehicle is expected to reach 10% by 2030.

Against this context, Enmore China will, joining hands with dozens of media, OEMs, scientific research institutes and Internet Technology companies, hold International Intelligent & Connected Vehicle Innovation Summit 2018 (ICVIS2018) on April 12-13 in Shanghai, China. With the theme "Intelligence · Cooperation · Future – Technology Integration & Innovation Facilitate Intelligent Travel", the summit will discuss in depth the industry trends, cooperation mode, application of new technologies such as AI, big data analysis and information security. It will be built into an industry event featuring information sharing, exchange of experience and technical support, so as to promote the solid development of Intelligent & Connected Vehicle ecosystem.

Who will attend

OEM	20%
Components	24%
Network/IT	15%
Telcom	8%
R&D/Testing	10%
Government	3%
Academic Institute	8%
Investment	2%
Media	5%
Others	5%



CEO	10%
VP/GM/Chief Engineer	25%
Director/Head of Dept	25%
Manager/Engineer	30%
Others	10%



Topics

- Overview of the development of ICV industry
- Industrialization experience and challenges on American market
- Emerging automakers' in-depth R&D and innovation on future vehicles
- Experience and exploration from National ICV (Shanghai) Pilot Zone
- How to build up a New Eco-system of ICV
- AI drives the revolution of IC architecture
- Technical route of HD map and positioning facing different levels of AD
- In-depth learning technology for AD
- Active safety based autonomous driving technology
- Future integrated sensor technology and vehicle integrated system
- OEM approach to V2V of automated cars
- Testing of ADAS functions and autonomous vehicles
- Simulation testing of autonomous vehicle with in-depth learning
- Case study from laboratory to real road testing
- Ecological construction of V2X vehicle-road collaboration industry
- Experience in risk analysis & evaluation of information security of ICV
- The upgrade of OTA guarantees vehicle information security
- Block chain & Cloud computing fusion mechanism safeguard IoV Data
- Development of New GID terminal: the core of IoV Technology

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Intelligence Cooperation Future

Previous Speakers



Fu Yuwu

Chairman
SAE-China



Gu Xianghua

Deputy Secretary General
CAAM



Ling Tianjun

Chief Engineer
SAIC



Chen Xiaohua

VP, New Technology
Institute, BAIC



He Jugang

VP, Research Institute
ChangAn Auto



Zhao Gengbao

Chief Engineer
Chery Auto



Derrick Kuzak

VP
Ford Motor



**Maximilian
Doemling**

Technical Lead, AD
BMW Group, China



Roger Looney

VP
Quoros Auto

Previous Event Review



About Enmore

Enmore China, a leading event organizer in China and Asia, is specialized in the planning and organization of high-end industry conferences, exhibitions, trainings and business investigation activities and committed to serve as a platform of communication and cooperation among industry clients.

The company has organized more than 2000 conferences and events covering a variety of industries such as chemicals, energy, metals, logistics and pharmaceuticals since 2002. These events usually target industry players in the value chain of a niche market. They attracted senior executives and specialists in major enterprises as well as industry experts and serve as a platform of information sharing, business cooperation and enterprise promotion.

In automotive industry, guided by policies and taking the vehicle as the core and the industry as a basis, the company has been concentrating on building a dedicated platform for domestic automotive industry. Started in 1999, we provide data information and consulting services for vehicle enterprises. In 2002, we began to provide conference services regarding automotive materials. Since 2004, we have successfully developed auto parts, auto manufacturing, auto energy, auto system, auto intelligence & interconnection, automobile new technology, automobile new energy, automobile finance, automobile maintenance and repairs, automobile dismantling and other fields.

In TMT industry, the company has held international conferences on various topics such as 5G, NB-IoT, Commercialization of IoT and Small Cell since 2015.

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Day 1 | April 12 | Thursday

08:00-08:45	Registration & Networking
08:45-09:00	Opening Remarks
Session 1: Overview of the Development of ICV Industry	
09:00-09:30	Industrialization Experience and Challenges on American Intelligent Vehicles <ul style="list-style-type: none"> ✓ Interaction between traffic, networking and unmanned driving ✓ Emerging challenges on intelligent vehicle's control and security systems Ford Motor Company
09:30-10:00	Exploration of Differential Development of Connected Vehicles of China's Independent Brands <ul style="list-style-type: none"> ✓ Electric, connected, intelligent and shareable vehicles offering new travel experience ✓ Focusing on the application in key scenes, looking for the direction of technical breakthroughs and solving the "pain" of car users SAIC Group
10:00-10:30	Emerging Automakers' In-depth R&D and Innovation on Future Vehicles
10:30-11:00	5G Facilitating the New Age of Intelligence: V2X Supporting the Development of Intelligent & Connected Vehicle Research Institute of China Mobile Communications Corporation
11:00-11:30	Tier1's Strategy: Experience Sharing of Developing AI-enabled Autonomous Driving System
11:30-12:00	Openness, Cooperation and Win-Win Results—Key Words for Automobile Industry Innovating in the Era of Intelligence & Connectivity Alibaba
12:00-12:30	DM Dialogue : How to build up a New Eco-system of ICV ?
12:30-13:30	Lunch Buffet
Session 2: AI& Sensor Technology Boost Autonomous Driving Revolution	
13:30-14:00	In-depth Learning Technology for Autonomous Driving
14:00-14:30	AI Drives The Revolution of IC Architecture
14:30-15:00	Development of the Function and the Architecture of HMI in Autonomous Driving
15:00-15:30	Technical Route of HD Map and Positioning Facing Different Levels of Autonomous Driving
15:30-15:50	Tea and Coffee Break
15:50-16:20	Breakthrough about LIDAR——High Resolution、Cost Degradation、Quantity Production
16:20-16:50	Future Automobile Integrated Sensor Technology and Vehicle Integrated System
16:50-17:20	Exploration of Audio System in Autonomous Vehicle
17:20-17:50	Panel Discussion : Active Safety Based Autonomous Driving Technology <ul style="list-style-type: none"> ✓ Key technology about ESC ✓ The optimizing of Integrated Braking System IBS ✓ Breakthrough of ACC/AEB system
17:50-18:30	CEO Focused Interview
18:30-20:00	Gala Dinner

Day 2 | April 13 | Friday

Track 1 : Testing Technology of ICV

09:00-09:30	OEM Approach to V2V of Automated Cars <ul style="list-style-type: none"> ✓ ADAS testing VS Autonomous vehicles ✓ Autonomous vehicle verification strategy ✓ Case Study : Drive Me project
09:30-10:00	Testing of ADAS functions and Autonomous Vehicles <ul style="list-style-type: none"> ✓ Functional testing for complex sensor systems ✓ Towards automated testing: challenges and requirements
10:00-10:30	Simulation Testing of Autonomous Vehicle with In-depth Learning <ul style="list-style-type: none"> ✓ The application of AI in simulation system ✓ How to reconstruct actual road environment in virtual environment ✓ The significance of virtual test and verification in different scenarios
10:30-11:00	Tea and Coffee Break
11:00-11:30	Ecological Construction of V2X Vehicle-Road Collaboration Industry ——In-scale V2X Open Road Testing & Verification Promotes Industrial Practice
	Guest Interview: Commercialization Challenges for V2X—Business Model and Landing Path
11:30-12:00	<ul style="list-style-type: none"> ✓ Construction of V2X testing environment ✓ The requirements or layouts of V2X in various fields ✓ Discussion of the key issues in the landing of V2X commercialization from the perspective of industry cultivation
12:00-14:00	Lunch Buffet
14:00-14:30	Experience and Exploration from National Intelligent Connected Vehicle (Shanghai) Pilot Zone Shanghai International Automobile City
14:30-15:00	Wireless Testing Solution to Intelligent & Connected Vehicles
15:00-15:30	Testing: The Only Way for Tier 1 to Realize ADAS & AD <ul style="list-style-type: none"> ✓ Simulation Testing ✓ Autonomous Driving Level Testing ✓ Open road testing
15:30-15:50	Application of SOTIF of ADAS System
15:50-16:20	Hardware-in-the-Loop Accelerates the Loading of Simulation Testing System Tongji University
16:20-16:50	ADAS Testing Scenario Design

Day 2 | April 13 | Friday

Track 2 : ICV's Vehicular Cyber Security and Technology

09:00-09:30 Vehicle Intelligent Plug-in Based on Mobile Application Program: The Shortcut to Realize Vehicle Connectivity

Roland Berger

09:30-10:00 Ensuring User Experience and Communication Quality: The Major Significance of Vehicle System

Zebra Network

10:00-10:30 Development of New GID Terminal: the Core of IOV Technology

10:30-11:00 Tea and Coffee Break

11:00-11:30 Creating the In-Vehicle Infotainment System

11:30-12:00 How does the Data in Intelligent Connected Vehicle Operate

12:00-12:30 How to Take Advantage of IOV Technology to Indentify Car Insurance Fraud?

Sunshine Insurance

12:30-14:00 Lunch Buffet

14:00-14:30 Experience in Risk Analysis & Evaluation of Information Security of Intelligent & Connected Vehicle

Intelligent & Connected Vehicle Testing Department, China Software Testing Center

14:30-15:00 Standardization & Construction of Identification System Ensure the Information Security of Intelligent & Connected Vehicle

15:00-15:30 The Upgrade of OTA Guarantees Vehicle Information Security and Self Security Protection

15:30-15:50 Tea and Coffee Break

15:50-16:20 Block Chain & Cloud Computing Fusion Mechanism Safeguard IoV Data

Tsinghua University

16:20-16:50 Security Enabled by Core Function Design of Intelligent & Connected Vehicle