

EVS34

Towards Intelligent E-Mobility

NANJING, CHINA

June 25—28, 2021

The 34th International Electric Vehicle Symposium & Exhibition

Call for Papers & Exhibitors

Hosted by

China Electrotechnical Society

World Electric Vehicle Association

Electric Vehicle Association of Asia-Pacific

The People's Government of Nanjing Municipality

Official Website: www.evs34.org.cn



Invitation

The International Electric Vehicle Symposium is the world's longest, largest and highest-spec event in the field of electric vehicles including pure electric vehicles, hybrid vehicles, fuel cell vehicles and core components. With the support of the World Electric Vehicle Association (WEVA), the Symposium is hosted by three regional professional organizations in turn, namely, the Electric Drive Transportation Association (EDTA) in North America, the European Association for Electromobility (AVERE) in Europe and the Electric Vehicle Association of the Asia Pacific (EVAAP) in Asia Pacific. The International Electric Vehicle Symposium (EVS) has a long history of more than 50 years since it was first held in 1969 at Phoenix, Arizona, U.S.A. The foresight, strategy and authority of EVS play a leading role in the E- Mobility movement in the world, resulting in extremely high enthusiasm and universality of participations in previous grand EVS meetings.

Authorized by the World Electric Vehicle Association (WEVA) and Electric Vehicle Association of Asia Pacific (EVAAP), the 34th International Electric Vehicle Symposium and Exhibition (EVS34) will be held in Nanjing, China from June 25—28, 2021, the organizer is the China Electrotechnical Society. This will be the third time that the EVS event is held in Mainland China after decades. The EVS10 was, in fact, held in Hong Kong when the WEVA was officially inaugurated. The EVS16 and EVS25 were held in Beijing and Shenzhen respectively, when China's electric vehicle research and commercialization were in rapid development period. Last year, the production of electric vehicles in China reached 1.3 million which is over half of the global electric vehicles production. During EVS16 and EVS25, several National Leaders and senior government officers including Mr. Wu Bangguo, Vice Premier of the State Council, Mr. Zou Jiahua, Vice Chairman of the Standing Committee of the National People's Congress, Mr. Wang Yang, Secretary of Guangdong Provincial Party Committee, and Dr. Wan Gang, Minister of Science and Technology as our Guest of Honor were invited to officiate the Opening and the Closing Ceremonies.

The organizers cordially invite relevant enterprises, universities and scientific research institutions, government and none government organizations, financial institutions, from the upstream to downstream of electric vehicles industrial chain, as well as intelligent transportation industry, new materials, new energy industry and other relevant units to take part in EVS34.



Prof. CC Chan
EVS34 Chairman
President of WEVA
President of EVAAP



Genevieve Cullen
President of EDTA
Vice President of WEVA



Espen Hauge
President of AVERE
Vice President of WEVA



Qingxin Yang
President of CES



EDTA President Genevieve Cullen at EVS29 in Montreal, Canada, June 19—22, 2016



AVERE President Espen Huage with EVAAP Presidents C.C. Chan, Myoungho Sunwoo, Youchi Hori at EVS30 in Stuttgart, Germany, Oct.10, 2017



WEVA officers celebrated the 50th anniversary of EVS at EVS32 in Lyon, France, May 21, 2019



EVAAP President Yoichi Hori at the Opening Ceremony of EVS31 in Kobe, Japan, Oct.1, 2018



Prince Albert II of Monaco was talking with Prof.C.C.Chan at EVS32 in Lyon, France, May 20, 2019

1.Dates,Venue and Theme

Name The 34th International Electric Vehicle Symposium & Exhibition (EVS34)

Theme Towards Intelligent E-Mobility

Time June 25—28, 2021

Venue Nanjing Air-Hub International Expo Center

2.Organization

Hosted by

- China Electrotechnical Society
- World Electric Vehicle Association
- Electric Vehicle Association of Asia-Pacific
- The People's Government of Nanjing Municipality

Co-hosts

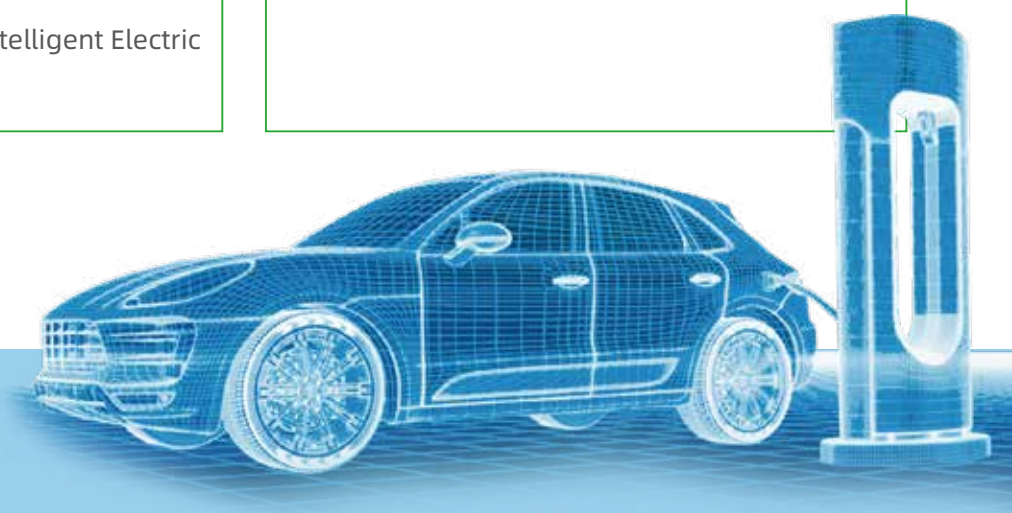
- China Council for the Promotion of International Trade Machinery Sub-Council
- China Association of Automobile Manufacturers
- Lishui District People's Government of NanJing Municipality

In Collaboration with

- China Society of Automotive Engineers
- China Electric Vehicle100
- China Automotive Industry Advisory Committee
- Chinese Society for Science and Technology Journalism
- The Professional Committee of Intelligent Electric Vehicle of CECC

Organized by

- Beijing Auto Square Exhibition Co. Ltd.
- Nanjing Future Mobility Exhibition Co. Ltd.





Nanjing Air-Hub International Expo Center

3.Call for Papers

The International Electric Vehicle Symposium & Exhibition has been globally the most influential event of electric vehicles, as it always brings together relevant technological frontiers, displays the most updated new technologies, and promotes the newest EV products. The theme of the 34th International Electric Vehicle Symposium & Exhibition (EVS34) is "Towards Intelligent E-Mobility". For EVS34, a wide range of topics for the symposium is invited, hopefully with emphasis on INTELLINGENT E-MOBILITY. The topics will include, but not limited to, technical advances and most updated research findings in hybrid electric vehicles, pure electric vehicles, fuel cell vehicles and related infrastructure construction and service research, marketing and policy support research, etc.

Welcome to submit papers to EVS34.



Symposium Language

English is the official language for all the Symposium documents, abstracts, full papers and on-site communication.

Abstract Review

All abstracts will be peer-reviewed as organized by the Technical Committee. Acceptance notice will be issued before April 15, 2021. The notice will be sent only to the correspondence author's mailbox.

Full-Paper Submission

Authors of accepted abstracts should submit the final paper on or before May 15, 2021.

Registration

All EVS34 participants need to register and pay the registration fees. All registration and fee payment should be completed on or before June 10, 2021.

Publishing

Outstanding papers selected and approved by the panel of experts of EVS34 will be recommended to SCI journals including 《International Transactions On Electrical Energy Systems》 《IEEE Transactions on Power Electronics》 《IEEE Transactions on Transportation Electrification》 《CSEE Journal of Power & Energy Systems》 《Energies》 etc., EI journals including 《World Electric Vehicle Journal》 《Transactions of China Electrotechnical Society》 《Proceedings of the CSEE》 《Power System Technology》 《Automation of Electric Power Systems》 《Electric Machines and Control》 《China Journal of Highway and Transport》 etc. and other influential journals including 《eTransportation》 《Journal of Automotive Safety and Energy》 《Journal of Chongqing University of Technology》 etc.



Important Dates

Deadline for Abstract Submission----------20 Mar. 2021
Deadline for Abstract Acceptance Notification----------15 Apr. 2021
Deadline for Full Paper Submission----------15 May 2021
Accepted Abstract Registration and Payment Close--------10 Jun. 2021

Topics

A. Electric vehicle and transportation system

- Passenger cars, including pure electric, hybrid, plug-in hybrid and fuel cells
- Commercial vehicles, including pure electric, hybrid, plug-in hybrid and fuel cells
- Small cars, including electric two- and three-wheeled cars
- Public transportation, including buses and railways
- Shared and autonomous transportation applications
- Other vehicle technologies and applications, such as flying cars
- Intelligent Transportation System

B. Power battery and fuel cell

- High-performance batteries, capacitors and other energy storage components and energy management systems
- Fuel cell and its system
- Solid state lithium batteries and next generation power batteries

C. Electric drive technology

- Motor design for EV application, multi-physics simulation and digital twin technology
- Novel EV motors topology for EV application
- Power electronic device, packaging and drive technology, including Si-based IGBTs and SiC MOSFETs, etc.
- High temperature passive devices and their packaging
- Power electronics topology and control for EV application
- Intelligent motor control and health status management
- Electromagnetic compatibility technology
- Test methods and test techniques
- Powertrain integration

D. Charging(Battery swapping)/Hydrogen fueling infrastructure

- Smart charging and V2G
- Hydrogen fueling infrastructure
- Standardization and interoperability of charging/hydrogen fueling
- Wireless charging infrastructure (static and dynamic)
- Case study on infrastructure deployment
- Fees, standardization and services
- Battery charging (swapping) infrastructure
- Smart grid, micro-grid, charging network and smart home

E. Connection of power grid, power supply and vehicle

- Demand management
- Energy storage utilization of EV battery pack
- Grid implications of DC fast charging and ultra-high speed charging
- Advancements in V2G, V2X and connectivity
- Intelligent connected vehicles
- Utilities project deployment case study
- Public policies and strategies for electric vehicle charging

F. Market

- Domestic and global market development strategy
- Consumer needs, education, training, demonstration and motivation analysis
- City market case and demonstration
- Smart city

G. Policy

- National and international electric vehicle development policies
- National initiatives
- Local and regional partnerships
- Case study of government project deployment
- Standards and regulations

H. Environmental, Energy and Social Assessment

- Environmental benefits of electric vehicles
- Supply chain analysis: materials, manufacturing, recycling and reuse
- Energy security
- Analysis of the social impact of electric vehicles
- Hydrogen and sustainable energy
- Safety

I. Emerging Technology

- Smart connected EV outlook
- Integration of transportation network, energy network, information network and humanities network

4.Exhibits Profile

New energy vehicles

Electric Passenger Vehicles, Electric Light Vehicles, Electric Commercial Vehicles, Electric Motorcycles, Electric Scooters, Electric Bicycles, Hybrid Electric Vehicles, Fuel Cell Electric Vehicles, Other Vehicles, etc.;

Energy and infrastructure

Electric Energy Suppliers, Hydrogen Energy Suppliers, Energy Infrastructure, Intelligent Grid V2G, Electrical Cables, Connectors, Fast Charging Stations, Energy and Charging Systems, Charging Infrastructure, Hydrogen Fuel infrastructure, Communication Infrastructure ;

Batteries

Lithium Batteries, Solid State Lithium Batteries and Next Generation Power Batteries, Lead-acid Batteries, Nickel Batteries(MH-Ni Battery), other batteries, Battery Management, Battery Charging Systems, Testing Systems, Capacitors, \Fuel Cell Technology, Fuel Cell Systems , Fuel Cell Management, Hydrogen Tank, Hydrogen Refueling, Battery Manufacturing Equipment, Testing Equipment, Raw Materials, Parts & Components, etc.;

Powertrain

General Motors, In-wheel Motors, Hybrid Engines, Cable Braider and Automotive Wiring, Drive Systems, Transmission, Braking Technology and Components, Other Powertrain Components, etc.;

Information and communications

Automotive communications, navigation systems, Vehicle-mounted Internet, location-based services (LBS), hybrid navigation, remote diagnosis, charging systems, satellite positioning telematics, shared medium, mobile communication equipments, transmission systems, etc.;

Others

Autonomous driving, parking system, traffic management system, urban planning, intelligent transportation, road monitoring, logistics management, communication control, etc.

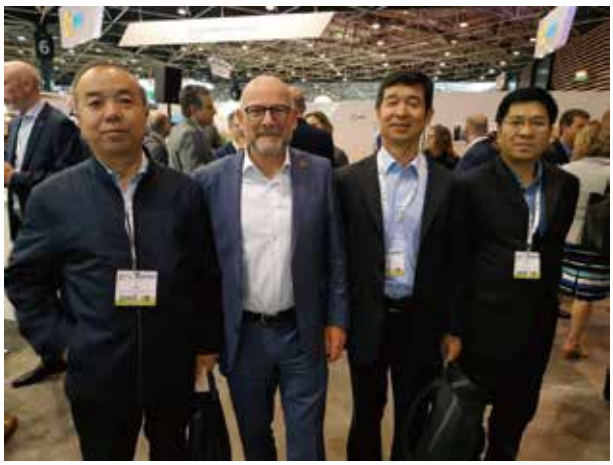






5.Booths Reservation

Chinese Exhibitors	(RMB) Indoor Raw Space: 1600 RMB/㎡ (Minimum order quantity:36㎡) (RMB) Outdoor Raw Space: 1000 RMB/㎡ (Minimum order quantity:100㎡) (RMB) Shell Scheme Booth: 15000 RMB/Unit (3m x 3m, 10% extra fees for two openings)
International Exhibitors	(USD) Indoor Raw Space: 350 USD/㎡ (Minimum order quantity: 36㎡, including lunch for 4 staffs at the exhibition, free of charge for Symposium) (USD) Shell Scheme Booth: 4000 USD/Unit (3m x 3m, including lunch for 4 staffs at the exhibition, free of charge for Symposium)



CES Secretary General Han Yi and Vice Secretary General Wang Zhihua promoted EVS34 at EVS32 in Lyon, France, May 19—22, 2019



CES Vice Secretary General Wang Zhihua promoted EVS34 at EVS31 in Kobe, Japan, Sept.30—Oct.3, 2018

6.Business Cooperation

There are two types of Business Cooperation available: Overall Sponsorship and Special Sponsorship.

- **The levels of Overall Sponsorship are as follows:**
  Partners, Diamond Sponsorship, Platinum Sponsorship, and Gold Sponsorship.
- **Types of Special Sponsorship are as follows:**
  GALA Dinner Sponsorship, Welcome Reception Sponsorship, Lunch Sponsorship, Tea-break Sponsorship, Carry-bag Sponsorship, Badge Lanyard Sponsorship, Sub-forum Sponsorship, Ride & Drive Sponsorship, Paper & Pen sponsorship, Drinking Water Sponsorship, VIP Lounge Title Sponsorship, Road Flag Sponsorship.

Please contact us for sponsorship details .

Transportation Guide

- **Arriving Nanjing by air:**
  Nanjing Lukou International Airport →Nanjing Lishui Exhibition Town (about 14.5km by taxi, estimated time about 16 minutes).
- **Arriving Nanjing by high speed rail:**
  Nanjing lishui Station → Nanjing lishui Exhibition Town (about 16.9km by taxi, estimated time about 26 minutes).
  Nanjing South Railway Station → Lishui Exhibition Town, Nanjing (41.2 km by taxi, estimated time about 35 minutes).

Contact Information

China Eletrotechnical Society

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