

WNEVC

会议议程

Congress Agenda



THEMATIC FORUMS

专题论坛

中英交通领域碳中和协同发展论坛

Sino-UK Zero Emission Vehicle Cooperation and Development Forum

主持人 / Moderator



张进华 ZHANG Jinhua

中国汽车工程学会常务副理事长兼秘书长
Executive Vice President & Secretary
General of China Society of Automotive
Engineers

14:00-14:10

开场及嘉宾介绍

Opening and Introduction to Guests

张进华 ZHANG Jinhua

中国汽车工程学会常务副理事长兼秘书长
Executive Vice President & Secretary General of China
Society of Automotive Engineers

14:10-14:30

致辞

Address



万钢 WAN Gang

全国政协副主席，中国科协主席，世界新能源汽车大会主席
Vice Chairman of the National Committee of the
Chinese People's Political Consultative Conference
(CPPCC)
President of China Association for Science and
Technology (CAST)
President of World New Energy Vehicle Congress
(WNEVC)

时间 / Date

9月15日, 14:00-17:30
September 15, 14:00-17:30

地点 / Venue

海南国际会展中心北区（二期）2层, 1号宴会厅
2nd Floor, Banquet Hall 1, North District (Phase
II Project), Hainan International Convention
and Exhibition Center

承办单位 / Host

中国汽车工程学会、英国国际贸易部、英国驻华
大使馆、中国国际科技交流中心
China Society of Automotive Engineers (China-
SAE), UK Department for International Trade, British
Embassy Beijing, China Centre for International
Science and Technology Exchange

会议内容 / Content

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中英两国在实现碳中和、推动电动汽车发展上，表达了坚定决心。因此，本次论坛以“中英交通领域碳中和协同发展”为主题，聚焦中英两国交通领域碳中和发展规划及实践，邀请中英两国领导、专家学者开展交流探讨，以期进一步实现中英两国在碳中和背景下，交通及新能源汽车领域的交流合作。

Globally, carbon neutrality will be a profound reform of the socio-economic system. As President Xi Jinping announced at the 75th United Nations General Assembly, China aims to have CO2 emissions peak before 2030 and achieve carbon neutrality before 2060. This November, the UK will host the 26th UN Climate Change Conference of the Parties (COP26). As COP26 Presidency, the UK is working with countries around the world to encourage action in key areas including clean transport. The UK continues to raise the bar on tackling climate change. This year, the UK Government set in law the world's most ambitious climate change target – cutting emissions by 78% by 2035 compared to 1990 levels, which will bring the UK more than three-quarters of the way to its Net Zero 2050 target. To achieve this, the UK has also pledged to end the sale of new petrol and diesel vehicles by 2030.

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**John EDWARDS**

英国驻华贸易使节
Her Majesty's Trade Commissioner for China

主旨演讲: 中英交通领域碳中和协同发展

Keynote Speech: UK-China Cooperation and Development on Carbon Neutrality in the Transport Sector

主持人 / Moderator**Shannan MURPHY**

英国驻华大使馆能源团队主管
Head of Energy, British Embassy Beijing

■ 14:30-14:45

**加速全球向零排放汽车转型**

Accelerating Global Transition towards Zero Emission Vehicles

Simon SHARPE

英国第二十六届联合国气候变化大会政策主题副主任
Deputy Director for Policy Campaigns, UK Government Cabinet Office COP26 Unit

线上 On Line

■ 14:45-15:00

**瞿国春 QU Guochun**

工业和信息化部装备工业发展中心主任
Director, MIIT Equipment Industry Development Center

15:00-15:15



零排放汽车在实现净零排放中的角色

The Role of Zero Emission Vehicles in Global Pathways towards Net Zero

Chris STARK

英国气候变化委员会首席执行官

Chief Executive, UK Climate Change Committee

线上 [On Line](#)

15:15-15:30



电动汽车发展协同推动空气质量改善和交通低碳发展

Fleet Electrification is Essential to Improve Air Quality and Decarbonize Transportation

张少君 ZHANG Shaojun

清华大学助理教授

Assistant Professor, Tsinghua University

15:30-15:45



Mike HAWES

英国汽车制造商和贸易商协会首席执行官

Chief Executive Officer, UK Society of Motor Manufacturers and Traders

线上 [On Line](#)

15:45-16:00



韩灼 HAN Zhuo

远景动力全球执行副总裁

Global Executive Vice President of Envision

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16:00-16:15**潘庆 PAN Qing**

捷豹路虎全球董事, 中国区首席执行官兼总裁
Board Member of Jaguar Land Rover and President of Jaguar Land Rover China

16:15-16:30**比亚迪电动化整体解决方案**

BYD Total Solution for E-mobility

何一鹏 Isbrand HE

比亚迪欧洲有限责任公司总经理
General Manager of BYD Europe

视频 Video

16:30-17:15**圆桌对话 / Panel Discussion****中英交通领域碳中和产业间发展**

UK-China Transport Sector Industry Development and Carbon Neutrality

主持人 / Moderator**王菊 WANG Ju**

中国汽车工程学会副秘书长
Deputy Secretary General, China Society of Automotive Engineers

讨论嘉宾 / Panelists**陈卫 Tony CHEN**

英美资源集团亚太区贵金属市场拓展总经理
Head of Market Development PGMs, APAC, Anglo American



Jason COX

庄信万丰燃料电池商务总监
Commercial Director of Fuel Cells, Johnson Matthey

线上 On Line



许晓彦 Sabrina XU

英国石油公司未来出行与电气化业务部亚太区副总裁
APAC Vice President of Future Mobility and Electrification, bp



马正源 Joe MA

深圳巴士集团副总经理
Deputy General Manager, Shenzhen Bus Group



何亚屏 HE Yaping

株洲中车时代电气股份有限公司汽车事业部总经理
General Manager of Automotive Business Unit, Zhuzhou CRRC Times Electric Co., Ltd.

17:15-17:25

中英零排放汽车合作倡议线上签字仪式
UK-China Joint Statement on Zero Emission Vehicle Cooperation Online Signing

17:25-17:30

会议总结
Meeting Summary

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SUMMITS

主题峰会

私人领域电动化解决方案 Electrification Solution in Private Sector

会议主席 / President of the Congress



徐长明 XU Changming
国家信息中心副主任
Deputy President, State Information Center



吴志新 WU Zhixin
中国汽车技术研究中心有限公司副总经理
Vice General Manager, China
Automotive Technology & Research
Center Co., Ltd.

主持人 / Moderator

吴志新 WU Zhixin
中国汽车技术研究中心有限公司副总经理
Vice General Manager, China Automotive
Technology & Research Center Co., Ltd.

■ 14:00-14:10

开场及嘉宾介绍 Opening and Introduction to Guests

吴志新 WU Zhixin
中国汽车技术研究中心有限公司副总经理
Vice General Manager, China Automotive
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当前, 新能源汽车已进入“市场 + 政策”双轮驱动发展新阶段, 并成为后疫情时代全球经济绿色复苏的新动能。得益于各国政府强力推动和产业界不断努力, 2020 年新能源乘用车全球销量超过 300 万辆, 同比增长 40% 以上。新能源汽车成为稳定汽车消费、加快产业结构调整的重要力量。本次峰会以私人领域电动化解决方案为主题, 聚焦私人领域电动化路线的技术和产品方案、推广案例以及优秀的商业模式, 助力汽车产业实现全面电动化发展愿景。

At present, NEVs have entered a new development stage driven by "market + policy", and become a new driving force for the green recovery of global economy in the post-pandemic era. Thanks to the strong promotion of governments and continuous efforts of the industry, the global sales of new energy passenger vehicles exceeded 3 million in 2020, with a year-on-year increase of more than 40%. NEVs have become an important force in stabilizing automotive consumption and accelerating industrial restructuring. Themed on electrification solutions in the private sector, this summit will focus on technology and product solutions, promotion cases and excellent business models of the electrification route in the private sector, and facilitate the realization of the comprehensive electrification development vision of the automotive industry.

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14:10-14:25**从消费端看新能源汽车发展**

NEVs Development from the Consumer Side

徐长明 XU Changming

国家信息中心副主任
Deputy President, State Information Center

14:25-14:40**技术引领 创新驱动 打造科技型用户企业**

Technology-guided and Innovation-driven,
to Build a Technology-based User-oriented
Enterprise

卢放 LU Fang

岚图汽车科技有限公司首席执行官
CEO, VOYAH Automobile Technology Co., Ltd.

14:40-14:55**智能电动化的理想之路**

Smart Electrification Road of Li Auto

王凯 WANG Kai

理想汽车首席技术官
CTO of Li Auto

14:55-15:10**用户定义智能电动汽车**

User-Driven Definition of Smart EV

梅松林 MEI Songlin

威马汽车集团战略运营副总裁
Vice-president, Strategy and
Operations, WM Motor

15:10-15:25



氢燃料乘用车在私人领域普及经验分享
Experience in the Popularization of FCEVs
in the Private Sector

李赫竣 Lee Hyuk Joon
现代汽车集团（中国）副总裁
Vice President, Hyundai Motor Group
(CHINA)

15:25-15:40



**以人民需求为创新驱动动力，倾力打造用户
喜爱的小型新能源汽车**
Take the People's Demand as the Innovation
Driving Force, and Strive to Build Small New
Energy Vehicles Loved by Users

邵杰 SHAO Jie
上汽通用五菱技术中心电动化总监
Electrification Director of Technology Center of
SAIC-GM-Wuling Automobile Co., Ltd.

15:40-15:50



电动出行的第二条曲线
The Second Curve of E-Mobility

王远哲 Kenneth WONG
小犀新能源科技（南京）有限公司创始人
Founder of AHATECH

时间 / Date

9月15日, 14:00-16:00
September 15, 14:00-16:00

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会议内容 / Content

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SUMMITS

主题峰会

车规级芯片技术突破与产业化发展

Technical Breakthrough and Industrialization of Automotive Chip

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随着汽车向电动化、网联化、智能化方向发展，芯片已成为支撑汽车产业转型升级的关键。此次全球芯片供应危机更加突显了芯片对汽车行业的重要影响。汽车与芯片的深度融合正在孕育新的产业生态。本次峰会将围绕汽车电动化、智能化需求，聚焦汽车产业深度变革对芯片的机遇和挑战、智能汽车发展对汽车芯片的要求、下一代电气架构下芯片的发展方向、第三代半导体技术的突破和应用、自主汽车芯片产业化发展路径等内容展开研讨。

With the development of vehicles towards electrification, connection and intelligence, chips have become the key to support the transformation and upgrading of the automotive industry. The global chip supply crisis has highlighted the important impact of chips on the automotive industry. The deep integration of vehicles and chips is generating a new industrial ecology. This summit will focus on the needs of automotive electrification and intelligence, and conduct discussions on the opportunities and challenges facing chips brought by the deep transformation of the automotive industry, the requirements of smart automotive development to chips, the development direction of chips under the next generation electrical architecture, the breakthrough and application of the third generation semiconductor technology, and the development path of the industrialization of independent automotive chips.

会议主席 / President of the Congress



吴汉明 WU Hanming

中国工程院院士，浙江大学微纳电子学院院长
Academician of Chinese Academy of Engineering
Dean of the School of Micro-Nano Electronics of
Zhejiang University

主持人 / Moderator



原诚寅 YUAN Chengyin

国家新能源汽车技术创新中心总经理
General Manager, National New Energy
Vehicle Technology Innovation Center

■ 14:00-14:10

开场及嘉宾介绍

Opening and Introduction to Guests

原诚寅 YUAN Chengyin

国家新能源汽车技术创新中心总经理
General Manager, National New Energy
Vehicle Technology Innovation Center

14:10-14:30



更环保、更安全、更智能的汽车半导体发展之路
Future Mobility with Cleaner, Safer & Smarter
Automotive Semiconductors

曹彦飞 Freeman CAO

英飞凌科技大中华区高级副总裁，汽车电子事业部
负责人

Senior Vice President, Head of Automotive Division
Greater China Region, Infineon Technologies

14:30-14:50



新一代车规高效电力总成控制方案
New Generation Automotive Solution For
High Efficiency e-Powertrain Control

Vincent CRUVELLIER

芯力能（上海）技术咨询有限责任公司中国区总经理
联合创始人 & 运营副总裁

General Manager China

Vice President Operations Silicon Mobility

14:50-15:10



车规级功率半导体芯片技术与产业化
Automotive Power Semiconductor Technology
and Industrialization

沈华 SHEN Hua

嘉兴斯达半导体股份有限公司董事长

Chairman, Jiaxing Starpower
Semiconductor Co., LTD.

15:10-15:30



中国汽车芯片产业生态建设实践
Practice in China Automotive Chip Industry
Ecological Construction

原诚寅 YUAN Chengyin

国家新能源汽车技术创新中心总经理
General Manager, National New Energy
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15:30-15:50

高算力 SOC 芯片的自动驾驶平台化应用
Automated Driving Platform Applications
with High Performance SOC Chip

杨宇欣 Rock YANG

黑芝麻智能科技 (上海) 有限公司首席营销官
CMO, Black Sesame Technologies
(Shanghai) Co., Ltd.

15:50-16:10

新能源汽车 SiC 模块发展现状
Current Status of SiC Modules for xEV market

蝶名林幹也 Mikiya CHONABAYASHI

基本半导体株式会社汽车级功率模块研发总监
Automotive Power Module R&D
Director, JAPAN BASiC Semiconductor
Co., Ltd.

SUMMITS

主题峰会

飞行汽车解决方案及发展前景 Solution and Prospect of Flying Cars

会议主席 / President of the Congress



张杨军 ZHANG Yangjun

清华大学教授，教育部长江学者特聘教授
清华大学通用航空技术研究中心主任
汽车安全与节能国家重点实验室常务副主任
Professor & Director of Research Center of General Aviation Technology of Tsinghua University
Distinguished Professor of Program for Changjiang Scholars, Executive Deputy Director of State Key Laboratory of Automotive Safety and Energy

主持人 / Moderator



侯福深 HOU Fushen

中国汽车工程学会副秘书长
Deputy Secretary General of China Society of Automotive Engineers

14:00-14:10

开场及嘉宾介绍 Opening and Introduction to Guests

侯福深 HOU Fushen

中国汽车工程学会副秘书长
Deputy Secretary General of China Society of Automotive Engineers

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承办单位 / Host

中国汽车工程学会
清华大学通用航空技术研究中心
China Society of Automotive Engineers
Research Center of General Aviation
Technology of Tsinghua University

会议内容 / Content

在全球汽车电动化、智能化发展的背景下，汽车和航空技术的跨界渗透与融合正在成为新一轮科技革命和产业革命的大趋势。飞行汽车作为面向城市空中交通和未来出行的新型交通工具，正日益受到全球创新者的重视。本次峰会以飞行汽车面向未来城市交通出行行为为主题，聚焦飞行汽车的定义、技术研发现状以及推广应用面临的挑战和难点进行讨论。

In the context of the electrification and intelligent development of global automotive industry, the cross-border penetration and integration of automotive and aviation technologies is becoming the mega-trend of the new technological and industrial revolutions. As a new vehicle for air traffic and future transportation in the city, the flying car is gaining increasing attention from global innovators. This summit focuses on the definition of flying cars, the status quo of technology research and development, and the challenges and difficulties in their popularization and application.

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14:10-14:30

飞行汽车发展及新能源动力技术研究 Development of Flying Vehicles and Research on New Energy Power Technology

张扬军 ZHANG Yangjun

清华大学教授，教育部长江学者特聘教授
清华大学通用航空技术研究中心主任
汽车安全与节能国家重点实验室常务副主任
Professor & Director of Research Center of General
Aviation Technology of Tsinghua University
Distinguished Professor of Program for Changjiang
Scholars, Executive Deputy Director of State Key
Laboratory of Automotive Safety and Energy

14:30-14:50

小鹏汇天对未来空中出行的探索 HT Aero: Our Exploration to Future Air Mobility

赵德力 ZHAO Deli

小鹏汇天创始人兼总裁
Founder & CEO of HT Aero Inc.

14:50-15:10

驱动飞行汽车的热调控电池 Thermally Modulated Batteries for Urban Air Mobility

王朝阳 WANG Chaoyang

美国宾夕法尼亚州立大学讲席教授
美国国家发明家科学院院士
Chair Professor of the Pennsylvania State University
Academician of National Academy of Inventors

视频 Video

15:10-15:30

新能源视野下的中国城市空中出行 Air Mobility in Chinese Cities on New Energy

薛松柏 XUE Songbai

沃飞长空科技有限公司技术研发总监
CTO of AEROFUGIA

15:30-15:50



UAM 产业发展与运行验证研究
UAM Development in China and Concept of
Operation Verification

吕人力 LYU Renli
中国民航管理干部学院通用航空系主任
Director of Civil Aviation Management
Institute of China

15:50-16:10



欢迎来到未来
Welcome To the Future

Christian BAUER
Volocopter GmbH 首席商务官
Chief Commercial Officer of Volocopter

视频 Video

16:10-17:00

圆桌对话：跨界融合下的飞行汽车发展愿景
Panel Discussion: Vision on the Development of Flying Cars
under Cross-border Integration

- **飞行汽车是否会成为未来出行的一个目标？**
Will flying cars become a goal for future transportation?
- **如何建立空中秩序和标准？**
How to establish the order and standards in the sky?
- **飞行汽车进入市场的影响因素及解决方案**
Influencing factors and solutions of flying cars entering the market

主持人 / Moderator



张扬军 ZHANG Yangjun
清华大学教授，教育部长江学者特聘教授
清华大学通用航空技术研究中心主任
汽车安全与节能国家重点实验室常务副主任
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对话嘉宾 / Panelists**吕人力 LYU Renli**

中国民航管理干部学院通用航空系主任
Director, Civil Aviation Management
Institute of China

**薛松柏 XUE Songbai**

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**侯聪 HOU Cong**

小鹏汇天动力总成中心总监
Director, Propulsion System Center of HT
Aero Inc.

**张利国 ZHANG Liguang**

北京理工大学未来立体交通研究院副院长
辽宁锐翔通用航空有限公司董事长
Vice President of Future Three-dimensional
Transportation Research Institute of Beijing
Institute of Technology

**陈鹏 CHEN Peng**

中关村蓝创通用航空产业联盟秘书长
中国航空学会飞行器适航委员会委员
Z-Park Sky Innovations General Aviation Industrial Alliance
Secretary General, Member of Chinese Society of
Aeronautics and Astronautics Aircraft Airworthiness
Committee

SUMMITS

主题峰会

新能源汽车与可再生能源融合最佳实践

New Energy Vehicles Integrated with Renewable Energy

主持人 / Moderator



刘永东 LIU Yongdong
中国电力企业联合会副秘书长
Deputy Secretary-General of China
Electricity Council



龚慧明 GONG Huiming
能源基金会中国交通项目高级项目主任
Senior Program Director of the
Transportation Program, Energy
Foundation China

16:20-16:30

开场及嘉宾介绍

Opening and Introduction to Guests

刘永东 LIU Yongdong

中国电力企业联合会副秘书长
Deputy Secretary-General of China
Electricity Council

时间 / Date

9月15日, 16:20-18:30
September 15, 16:20-18:30

地点 / Venue

海南国际会展中心北区 (二期) 2层
4号宴会厅
2nd Floor, Banquet Hall 4, North District
(Phase II Project), Hainan International
Convention and Exhibition Center

承办单位 / Host

中国汽车工程学会、能源基金会、“中国新
能源汽车和可再生能源综合应用商业化推
广”项目办公室
Energy Foundation China
Project Management Office of "Integrated
Adoption of New Energy Vehicles in
China"

会议内容 / Content

新能源汽车与可再生能源融合 (VGI) 发展可有效提升新能源汽车全生命周期的节能减排效益。本次峰会将围绕中国、美国和日本
的 VGI 典型示范案例展开研讨, 总结分析
VGI 规模化应用所需要的关键技术、标准体
系、产业链配套基础、市场机制及政策协同
策略等内容, 探讨 VGI 商业化发展模式和技术
路线, 提出 VGI 发展障碍的解决方案。

The development of new energy vehicles (NEV) and vehicle-grid integration (VGI) can effectively enhance the energy conservation and emission reduction of NEVs in the whole life cycle. The summit will discuss the typical demonstration cases of VGI in China, the United States and Japan, summarize and analyze the key technologies, standard system, industry chain supporting foundation, market mechanism and policy synergy strategy required for the large-scale VGI application. The discussion will also cover the development mode and technical route of VGI commercialization, and propose solutions to the obstacles of VGI development.

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致辞**Address****龚慧明 GONG Huiming**

能源基金会中国交通项目高级项目主任
Senior Program Director of the
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Foundation China

■ 16:30-16:50

**主题报告：发展智能充电桩助力零碳电力系统**

Keynote Speech: Developing Smart EV
Chargers for Decarbonization of Power
Systems

江亿 JIANG Yi

清华大学教授，中国工程院院士
Professor of Tsinghua University,
Academicians Of Chinese Academy Of
Engineering

■ 16:50-17:05

**电动汽车的车网一体化之路**

The Road to the Vehicle-grid Integration

Miles MULLER

美国资源保护协会
NRDC's San Francisco Office

视频 Video

■ 17:05-17:20

**中国新能源汽车与可再生能源融合推进路径设计**

Research on the Roadmap of Integration of
EVs and Renewable Energy in China

李立理 LI Lili

清华四川能源互联网研究院汽车储能所副所长
Deputy Director of Automotive Energy
Storage Institute, Sichuan Energy Internet
Research Institute Tsinghua University

17:20-17:35



三菱电机集团的 V2X 的应用与推广
Application and Promotion of V2X by
Mitsubishi Electric

江口晴正 EGUCHI Harumasa

三菱电机电力机电装备（北京）有限公司董事兼总经理
Director & Executive President, Mitsubishi
Electric Power & Electrical Infrastructure
System (Beijing) Co., Ltd.

17:35-17:45



国家电网公司充电设施创新实践及登高行动
Innovative Practice and Ascending Action of
Charging Facilities of State Grid Corporation
of China

贾俊国 JIA Junguo

国网智慧能源交通技术创新中心（苏州）有限公司董
事长
Chairman of State Grid Smart Energy
Transportation Technology Innovation Center
(Suzhou) Co., Ltd.

17:45-17:55

智能充电网络创新技术
Innovative Technology of Intelligent Charging
Network

华为数字能源技术有限公司
Huawei Digital Power Technologies Co., Ltd.

17:55-18:00

国网、华为战略合作发布仪式
Strategic Cooperation Release Ceremony of State Grid
and Huawei

18:00-18:30

圆桌论坛 / Panel Discussion

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主持人 / Moderator**龚慧明 GONG Huiming**

能源基金会中国交通项目高级项目主任
Senior Program Director of the
Transportation Program, Energy
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讨论主题：双碳目标下的新能源汽车与能源协同（VGI）策略
Discussion Topic: New Energy Vehicle-Grid Integration (VGI)
Strategy under the Objectives of "Peak Carbon Dioxide
Emissions" and "Carbon Neutrality"

论坛嘉宾 / Panelists**刘永东 LIU Yongdong**

中国电力企业联合会副秘书长
Deputy Secretary-General of China
Electricity Council

**邹大中 ZOU Dazhong**

南网电动汽车服务有限公司董事长
Chairman of China Southern Grid EV
Service Co., Ltd.

**刘文强 LIU Wenqiang**

中国电子信息产业发展研究院副院长
Vice President of China Electronics
Information Industry Development
Research Institute



吴杰余 WU Jieyu
东风汽车集团技术中心总工程师
Chief Engineer of Dongfeng Motor Group
Technology Center

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