中国化学与物理电源行业协会

China Industrial Association of Power Sources

CIBF2026 先进电池前沿技术交流会

Conference on the Frontier Technology of Advanced Batteries

第二轮通知

The Second Announcement

主　　办

中国化学与物理电源行业协会

2026 年 5 月 13 日～15 日，深圳国际会展中心 18 号馆

（地址：深圳市宝安福海街道展城路 1 号）

Organizer：China Industrial Association of Power Sources

May 13-15，2026

Hall 18,Shenzhen World Exhibition & Convention Center

(No.1, Zhancheng Road, Fuhai Street, Bao'an District, Shenzhen City, Guangdong Province, China）

荣誉主席：刘兴江（中国）

会议共同主席：肖成伟（中国）

黄学杰（中国），李国华（中国），张正铭 (美国),

逢坂哲弥（日本），Michel Armand（法国/西班牙）

分会场主席：

夏定国　高学平　涂健　魏学哲　何洪文　王贺武

夏永姚　史来锋　胡进永　马天翼　吴晓刚　蒋凯

Honorary Chairman: Xingjiang Liu (China)

Co-Chairmen: Chengwei Xiao（China）

Xuejie Huang(China),Guohua Li（China）

Zhengming (John) Zhang(USA),Tetsuya Osaka(Japan)

Michel Armand(France/Spain)

Parallel session chairmen:

Dingguo Xia, Xueping Gao, Jian Tu, Xuezhe Wei, Hongwen He,

Hewu Wang, Yongyao Xia,

Laifeng Shi, Jinyong Hu, Tianyi Ma, Xiaogang Wu,Kai Jiang

CIBF2026 先进电池前沿技术交流会						
第一天 5.13	9:00-16:30	大会开幕式：链动全球·赋能绿色·驱动未来 （簕杜鹃 A）				
第二天 5.14	9:00-12:00 13:30-17:30	多元技术路线共促电池高质量发展 （CC204A）	钠电专场 （CC201A）	材料专场 （CC205）	青年学者专场 （CC201B）	动力电池碳足迹管理与后市场服务创新 （CC204B）
第三天 5.15	9:00-12:00 13:30-18:00	车桩网融合下大功率充电关键技术 （CC204A）	电池安全与测评 （CC204B）	固态及新体系电池 （CC201A）	AI for Battery （201B） 智能装备与制造数字孪生 （CC201B）	

* 最终安排以大会当天公布为准

CIBF2026 Conference on the Frontier Technology of Advanced Batteries						
Day 1 May 13	9:00-16:30	Opening Ceremony Bougainvillea Hall A				
Day 2 May 14	9:00-12:00 13:30-17:30	Advanced Lithium-ion Battery Technologies (CC204A)	Sodium-ion Batteries (CC201A)	Key Materials (CC205)	Young Scholars Forum (CC201B)	Carbon footprint and aftermarket (CC204B)
Day 3 May 15	9:00-12:00 13:30-18:00	High-Power Battery&High-Power Fast Charging Technologies (CC204A)	Battery Safety and Evaluation (CC204B)	Solid-state Battery and Next-Generation Battery Technologies (CC201A)	AI for Battery (201B) Smart Equipment and Manufacturing (CC201B)	

*The final version may be adjusted, please refer to the final version released during the conference.

Program

会议议程

开幕式主会场：链动全球·赋能绿色·驱动未来

18 号馆簕杜鹃厅 A

5 月 13 日 9:00-16:30

Opening Ceremony

Bougainvillea Hall A, Hall 18 Conference Center

May 13 9:00-16:30

Important Note: Listed presentation time shall include 5mins for discussion and chairman shall remind speakers for time control

重要说明：演讲人的演讲时间中，包含必须留下 5 分钟做提问讨论时间

时间 Time	演讲内容及演讲嘉宾 Content & Speaker
09:00-09:30	**会议主持：肖成伟** 中国化学与物理电源行业协会副秘书长 **开幕致辞：郑宏宇** 中国化学与物理电源行业协会理事长 **Chairman: Chengwei Xiao**, Deputy Secretary-General of China Industrial Association of Power Sources **Opening Address: Hongyu Zheng,** President of China Industrial Association of Power Sources
09:30-10:00	**动力与储能电池发展机遇与挑战** **欧阳明高** 清华大学教授 **Opportunities and challenges for the development of power and energy storage batteries** **Minggao Ouyang,** Professor, Tsinghua University
10:00-10:30	**氢能电化学技术挑战和研究** **孙世刚** 厦门大学教授 **The Challenge and Research of Hydrogen Energy** **Shigang Sun,** Professor, Xiamen University
10:30-11:00	**AI 驱动电池材料研发的实践与思考** **吴 凯** 宁德时代新能源科技股份有限公司首席科学家 **Practices and Reflections on AI-Driven Battery Material Research and Development** **Kai Wu,** Chief Scientist, Contemporary Amperex Technology Co., Ltd.(CATL)
11:00-11:30	**高功率密度液流电池技术研发与应用** **赵天寿** 南方科技大学教授 **Research and application of high power density flow battery** **Tianshou Zhao,** Professor, Southern University of Science and Technology

11:30–12:00	**欧洲电池技术现状及趋势** **Juergen Garche** 德国乌尔姆大学教授 **Battery Development in Europe and Germany** **Juergen Garche,** Professor, University of Ulm, Germany
12:05–13:30	**午 餐 Lunch**
13:30–14:00	**题目待定** **廉玉波** 比亚迪股份有限公司首席科学家 **To be determined** **Yvbo Lian,** Chief Scientist, BYD Co., Ltd
14:00–14:30	**钠离子电池：从质疑到走向现实的 20 年历程** **驹场慎一** 东京理科大学教授 **Na-Ion Batteries: A 20-Year Journey from Skepticism to Reality** **Shinichi Komaba,** Professor, Tokyo University of Science
14:30–15:00	**高比能电源技术：从材料基因到系统集成** **陈忠伟** 中国科学院大连化物所研究员 **High-energy-density power technology: From material genomics to system integration** **Zhongwei Chen,** Professor, The Dalian Institute of Chemical Physics (DICP), Chinese Academy of Sciences
15:00–15:30	**固态电池材料和界面问题研究** **黄学杰** 中国科学院物理研究所研究员&松山湖材料实验室 **Research on solid-state battery materials and interfaces** **Xuejie Huang,** Researcher, Institute of Physics, Chinese Academy of Sciences & Songshan Lake Materials Laboratory
15:30–16:00	**中国氢能技术创新及商用车燃料电池进展** **明平文** 同济大学教授 **H_2 Technology Innovation and Heavy-duty Fuel Cell Progress in China** **Pingwen Ming,** Professor, Tongji University
16:00–16:30	**面向"十五五"的电化学储能技术与产业** **刘兴江** 化学与物理电源全国重点实验室，中国电子科技集团公司第十八研究所博士 **Electrochemical Energy Storage Technologies and Industrialization towards Year of 2030** **Xingjiang Liu,** Doctor, NKLPS, Tianjin Institute of Power Sources

* 最终安排以大会当天公布为准

分会场：多元技术路线共促电池高质量发展

5 月 14 日 09:00-17:00　18 号馆 CC204A

协办单位：电动汽车产业技术创新战略联盟

Session: Advanced Lithium-ion Battery Technologies

May 14　Hall 18　CC204A

Co-organizer: China Industry Technology Innovation Strategic Alliance for Electric Vehicle

时间 Time	演讲内容及演讲嘉宾 Content & Speaker
09:00–09:05	**开场及嘉宾介绍** **魏学哲**　同济大学汽车学院教授 **Opening & Guest Introduction** **Xuezhe Wei**, Professor, School of Automotive Studies, Tongji University
09:05–09:30	**马赫电池集成与安全设计实践创新** **杨　洁**　东风汽车集团股份有限公司研发总院电池总成设计高级主管工程师 **Innovative Practices in Mach Battery Integration and Safety Design** **Jie Yang**, Senior Supervising Engineer for Battery Pack Design, R&D General Institute, Dongfeng Motor Corporation
09:30–09:55	**动力电池系统集成技术及前瞻** **杨　涛**　浙江凌骁能源科技有限公司总经理 **Integrated Technology and Prospects of Power Battery System** **Tao Yang,** General Manager, Zhejiang LeapEnergy Technology Co., Ltd.
09:55–10:20	**高能量密度电池系统的安全技术研究** **王　勇**　蜂巢能源科技（无锡）有限公司技术中心总经理 **High Energy Density Battery System Safety Technology Study** **Yong Wang,** Technical Center General Manager, SVOLT Energy Technology （WuXi） Co., Ltd.
10:20–10:45	**高比能富锂锰基电池关键技术** **李　雪**　中汽新能电池科技有限公司常务副院长 **Key Technologies of High-Energy Li-Rich Mn-Based Batteries** **Xue Li,** Executive Vice Dean, China Automotive New Energy Technology Co., Ltd.
10:45–11:10	**HEV 混动锂电技术及应用** **邓　杰**　欣旺达动力科技股份有限公司系统集成部总经理 **HEV Hybrid Lithium Battery Technology and Applications** **Jie Deng**, General Manager of the System Integration Department, Sunwoda Mobility Energy Technology Co., Ltd.

11:10–11:35	**CTP 技术迭代创新与行业发展展望** **邓辉龙** 安徽舟之航电池有限公司研发副总 **CTP Technology Iteration Innovation & Industry Prospect** **Huilong Deng**, R&D Vice President, Anhui MORelectric Battery Co., Ltd.
11:35–12:00	**高功率全极耳圆柱电芯关键技术突破与产业化** **王慧鑫** 厦门新能安科技公司电芯研发高级经理 **High-Power Tabless Cylindrical Cells: Key Technology Breakthroughs and Path to Industrialization** **Huixin Wang,** Senior Manager, Cell R&D, Xiamen Ampace Technology Limited
12:00–13:30	**午 餐 Lunch**
13:30–13:35	**开场及嘉宾介绍** **何洪文** 北京理工大学教授、研究生院副院长 **Opening &Guest Introduction** **Hongwen He**, Professor and Vice Dean of Graduate School, Beijing Institute of Technology
13:35–14:00	**动力电池先进安全管理技术应用研究** **李东江** 深蓝汽车科技有限公司高级副总工程师 **Application of Advanced Safety Management Technologies in Power Batteries** **Dongjiang Li**, Senior Deputy Chief Engineer, Deepal Automotive Technology Co., Ltd.
14:00–14:25	**电池全生命周期管理与长寿命技术思考** **汪仕华** 上海蔚来汽车有限公司研发高级经理 **Reflections on Battery Lifecycle Management and Long-Life Technologies** **Shihua Wang**, Senior R&D Manager, NIO Automotive Technology (Shanghai) Co., Ltd.
14:25–14:50	**基于数据、模型、与AI驱动下的电池开发策略及应用突破** **姜蔚然** 孚能科技(赣州)股份有限公司副总裁、研发院院长 **A Model-based and AI-driven Battery Development Methodology and Its Application Breakthrough** **Weiran Jiang**, VP, R&D and Global Business Development, Farasis Energy (Ganzhou) Co., Ltd.
14:50–15:15	**智能电池关键技术研究进展及展望** **何洪文** 北京理工大学教授、研究生院副院长 **Research Progress and Prospects of Key Technologies for Intelligent Batteries** **Hongwen He**, Professor and Vice Dean of Graduate School, Beijing Institute of

	Technology
15:15–15:40	**电池内部状态的高维感知技术及新型传感器应用** **魏学哲** 同济大学汽车学院教授 **High Dimensional Sensing Technology for Internal State of Batteries and Application of New Sensors** **Xuezhe Wei**, Professor, School of Automotive Studies, Tongji University
15:40–16:05	**动力电池技术现状及下一代电池创新发展趋势** **孙旭东** 中国汽车工程学会科技创新部项目主管 **Current Status of Power Battery Technology and Innovation Trends for Next-Generation Batteries** **Xudong Sun**, Project Manager, Department of Science and Technology Innovation, China Society of Automotive Engineers
16:05–16:30	**智能电池系统设计及应用探索** **荣常如** 中国第一汽车股份有限公司研发总院电池性能专业设计师 **Exploration of Intelligent Battery System Design and Applications** **Changru Rong**, Professional designer of battery performance at the R&D Institute, China FAW Group Co., Ltd.
16:30–16:55	**基于人工智能的动力电池性能预测及故障诊断研究** **韩雪冰** 清华大学副研究员 **Artificial Intelligence-Based Performance Prediction and Fault Diagnosis for Power Batteries** **Xuebing Han**, Associate Researcher, Tsinghua University
16:55–17:20	**电池安全管理关键技术及发展趋势** **王立业** 中国科学院电工研究所副研究员 **Key Technology and Development trend of Battery Safety management** **Liye Wang**, Associate Research Fellow, Institute of Electrical Engineering (IEE) of Chinese Academy of Sciences (CAS)
17:20–17:45	**基于 EIS 的电池全生命周期检测技术** **袁永军** 上海炙云新能源科技有限公司总经理 **Battery Full Lifecycle Testing Technology Based on EIS** **Yongjun Yuan**, CEO, Shanghai Firecloud New Energy Sci-Tech Co.,Ltd.

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分会场：钠电专场

5 月 14 日 9:00-17:30　18 号馆 CC201A

Session: Sodium-ion Batteries

May 14　9:00-17:30　Hall 18　CC201A

时间 Time	演讲内容及演讲嘉宾 Content & Speaker
9:00–9:15	**开场及嘉宾介绍** **涂　健**　湖南立方新能源科技有限责任公司董事长 **Opening & Guest Introduction** **Jian Tu,** President, LiFun Technology Co., Ltd.
9:15–9:35	**重卡用高功率钠离子电池** **胡勇胜**　中科院物理研究所研究员/中科海钠科技有限责任公司 **High-power Na-ion Battery for Heavy Trucks** **Yongsheng Hu,** Research Fellow, Institute of Physics, Chinese Academy of Sciences / HiNa Battery Co., Ltd.
9:35–9:55	**磷酸基聚阴离子钠离子电池的机遇及挑战** **曹余良**　武汉大学教授/深圳珈钠能源科技有限公司 **Opportunities and Challenges of Phosphate-based Polyanionic Sodium-ion Batteries** **Yuliang Cao,** Professor, Wuhan University / Shenzheng Jana Energy Technology Co., Ltd.
9:55–10:15	**钠离子电池用普鲁士白材料的商业化** **Anu Adamson**　德国 Litona GmbH 电芯工程师 **Commercialization of Prussian White Cathode Materials for Sodium-Ion Batteries** **Anu Adamson**, Cell Engineer, Litona GmbH, Germany
10:15–10:35	**钠离子电池碳基负极材料研发** **宋永一**　中国石油化工股份有限公司大连石油化工研究院首席专家 **R&D of Carbon-Based Anode Materials for Sodium-ion Batteries** **Yongyi Song,** Chief Expert, SINOPEC (Dalian) Research Institute of Petroleum and Petrochemicals
10:35–10:50	**茶　歇　Tea Break**

10:50-11:10	**钠电化学：下一个太瓦时（Twh）级别的储能解决方案** **孟　颖**　芝加哥大学教授 **Sodium electrochemistry:The next terawatt-hour(Twh) energy storage solution** **Y. Shirley Meng**, Professor, The University of Chicago
11:10-11:30	**欧洲钠离子电池市场：制度、规范和化学** **Max Kory**　瑞士 Phenogy AG 首席技术官 **The European Market for Sodium-ion: Rules, Codes, and Chemistry** **Max Kory,** CTO, Phenogy AG, Switzerland
11:30-11:50	**高能钠电池电解质及界面** **王　飞**　复旦大学教授/江苏隐功科技有限公司首席科学家 **High-energy Sodium Battery Electrolyte and Interface** **Fei Wang,** Professor, Fudan University / Chief Scientist, Jiangsu Hid.Func. Technology Co., Ltd
12:00-13:30	**午　餐 Lunch**
13:30-13:40	**开场及嘉宾介绍** **夏永姚**　复旦大学教授 **Opening & Guest Introduction** **Yongyao Xia,**Professor,Fudan University
13:40-14:00	**储能体系用刀片钠离子电池的开发** **涂　健**　湖南立方新能源科技有限责任公司董事长 **The Development of Blade Type Sodium Ion Batteries for Energy Storage System** **Jian Tu,** President, LiFun Technology Co., Ltd.
14:00-14:20	**低温钠离子电池关键材料** **余　彦**　中国科学技术大学教授 **Key Materials for Low-temperature Sodium-ion Batteries** **Yan Yu**, Professor, University of Science and Technology of China
14:20-14:40	**低温循环钠离子电池电解液研究** **刘中波**　深圳新宙邦科技股份有限公司产品技术中心总监 **Research on Electrolytes for Low-Temperature Cycling in Sodium-Ion Batteries**

	Zhongbo Liu, Director, Product & Technology Center, ShenZhen Capchem Technology Co., LTD.
14:40-15:00	**竹基生物质硬碳负极材料的研究与产业化** **唐有根**　中南大学教授 **Research and Industrialization of Bamboo-Based Biomass Hard Carbon Anode Materials** **Yougen Tang**, Professor, Central South University
15:00-15:20	**高安全性钠离子正极材料和电芯产品及其应用介绍** **徐国平**　天津中电新能源研究院有限公司副总经理/总工程师 **Introduction to High-Safety Sodium-Ion Cathode Materials, Cell Products and Their Applications** **Guoping Xu**, Deputy General Manager / Chief Engineer, Tianjin CETC New Energy Research Institute Co., Ltd.
15:20-15:35	**茶　歇　Tea Break**
15:35-15:55	**NFPP 聚阴离子钠电池开发思路和应用场景介绍** **杜晨树**　维科技术股份有限公司研究院执行院长 **Introduction to the Development Ideas and Application Scenarios of NFPP Sodium Batteries** **Chenshu Du**, President of Research Institute, Veken Technology Co., Ltd.
15:55-16:15	**氧化物固态钠离子电解质** **Niko Schultz**　德国 SCHOTT AG 资深项目经理 **Oxidic Solid-State Sodium-Ion Conductors** **Niko Schultz**, Senior Project Manager, SCHOTT AG, Germany
16:15-16:35	**普鲁士蓝基高功率钠离子电池的开发与应用** **周晓崇**　湖州超钠新能源科技有限公司副总经理 **Research and Development of Prussian blue based High Power Batteries** **Xiaochong Zhou**, Vice President, Huzhou Horizontal Na Energy Technology Co., Ltd.
16:35-16:55	**NFPP 生态发展路径** **闫　硕**　中伟新材料股份有限公司研究院院长 **NFPP Ecosystem Development Path**

	Shuo Yan, President of Research Institute, CNGR Advanced Material Co., Ltd.
16:55-17:15	**钠离子电池筛分型碳负极** **张　俊**　钠坤碳源（天津）科技有限公司总经理 **Sieving Carbon Anodes for Sodium-ion Batteries** **Jun Zhang**, CEO, NaCun Tech Co., Ltd.

* 最终安排以大会当天公布为准

分会场：材料专场

5 月 14 日 9:00-17:00　18 号馆 CC205

Session: Key Materials

May 14　9:00-17:00　Hall 18　CC205

时间 Time	演讲内容及演讲嘉宾 Content & Speaker
09:00-09:05	**开场及嘉宾介绍** **高学平**　南开大学研究员 **Opening and Guests Introduction** **Xueping Gao,** Researcher, Nankai University
09:05-09:30	**超高镍氧化物正极材料的结构调控** **高学平**　南开大学研究员 **Structural regulation of ultra-high nickel oxide cathode materials** **Xueping Gao,** Researcher, Nankai University
09:30-09:55	**当升科技高性能锂电正极材料开发实践与思考** **张学全**　北京当升材料科技股份有限公司副总经理 **Easpring's Practice and Thinking on Developing High-Performance Cathode Materials for LIBs** **Xuequan Zhang**, Beijing Easpring Material Technology Co., Ltd.
09:55-10:20	**高化合价过渡金属氧化物在高比能正极材料中掺杂与包覆的协同作用** **Robson Monteiro**　巴西矿冶公司全球市场开发高级经理 **Interplay of high-valence transition metal oxides as doping and coating elements for high-energy cathode active materials** **Robson Monteiro**, CBMM Niobium
10:20-10:45	**驱动未来：新一代电池将为您带来什么？** **Stephane Levasseur**　优美科电池材料（广州）有限公司高级创新总监 **Powering the future: What Next-Gen Batteries mean for you?** **Stephane Levasseur**, Technology Strategy Senior Director，Umicore Battery Materials S.A.
10:45-11:10	**全固态电池用负极材料研究进展** **李子坤**　贝特瑞集团中央研究院院长 **Research progress on anode materials for all-solid-state batteries** **Zikun Li,** BTR New Material Group Co., Ltd.
11:10-11:35	**高能量密度锂离子电池硅基负极材料开发及产业化进展** **杨志伟**　溧阳天目先导电池材料科技有限公司研究院院长

	Development and Industrialization Progress of Silicon-based Anode Materials for High Energy Density Lithium-ion Batteries **Zhiwei Yang,** Tianmulake Excellent Anode Materials Co.,Ltd
11:35-12:00	**硫化物基全固态锂电池材料解决方案** **崔光磊** 中科深蓝汇泽新能源有限公司首席科学家 **Hytzer material solution for high performance sulfide electrolyte based all solid state lithium batteries** **Guanglei Cui,** Chief scientist, Hytzer Energy Co., Ltd.
12:00-13:30	**午　餐 Lunch**
13:30-13:35	**开场及嘉宾介绍** **李国华**　上海顶皓新材料科技有限公司首席技术官 **Opening and Guests Introduction** **Guohua Li,** Shanghai Dinho New Material Technology Co., Ltd
13:35-14:00	**硅负极材料的研究现状与挑战** **邱新平**　清华大学教授 **Status and Challenges of Silicon Anode Materials** **Xinping Qiu**, Professor, Tsinghua University
14:00-14:25	**硅负极电化学过程中体相和界面的比较研究** **郑洪河**　苏州大学能源学院教授 **A comparative study between the bulk phase and the surface for Si anode in electrochemical processes** **Honghe Zheng**, Professor, School of Energy. Soochow University. P. R. China
14:25-14:50	**电池隔膜革命性技术及进展** **苏碧海**　河北金力新能源科技股份有限公司研究院常务副院长 **Revolutionary Technologies and Progress in Battery Separators** **Bihai Su,** Executive VP of R&D，HEBEI GELLEC NEW ENERGY SCIENCE &TECHNOLOGY CO.,LTD
14:50-15:15	**天赐固态电池关键材料解决方案** **史利涛**　广州天赐高新材料股份有限公司研究院院长 **Tinci Key Material Solutions for Solid-State Batteries** **Litao Shi,** Dean of the Research Institute，Guangzhou Tinci Materials Technology Co., Ltd.
15:15-15:40	**固态电池用氧化物固态电解质产业化进展** **汤卫平**　锂禾（苏州）科技有限公司

	Progress in Industrialization of Solid State Electrolyte for Solid State Batteries **Weiping Tang,** LiHe (Suzhou) Technology Co., Ltd
15:40-16:05	**功能化材料在新型电池中的应用** **李国华** 上海顶皓新材料科技有限公司首席技术官 CTO **Functionalized materials for advanced batteries** **Guohua Li,** Shanghai Dinho New Material Technology Co., Ltd
16:05-16:30	**国家战略导向下复合集流体产业的机遇与挑战** **步绍宁** 江苏英联复合集流体有限公司研究院副院长 **Opportunities and Challenges for the Composite Current Collector Industry under the Guidance of National Strategy** **Shaoning Bu,** Jiangsu Enpack Composite Current Collector Co., Ltd.
16:30-16:55	**含氟添加剂和溶剂的电池电解液开发新进展** **雷汉伟** 奥比亚氟与能源材料商务拓展总监 **Battery Electrolyte New Advancement with Fluorinated Additives and Solvents Development** **Hanwei Lei,** Busin ess Dev. Director, Orbia Fluor & Energy Materials

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分会场：青年学者专场

5 月 14 日 9:00-17:30　18 号馆 CC201B

Session: Young Scholars Forum

May 14　9:00-17:30　Hall 18　CC201B

召集人：庞全全　李　彪

Convenors: Quanquan Pang　Biao Li

时间 Time	演讲内容及演讲嘉宾　Content & Speaker
09:00–09:25	**高稳定金属锂负极界面研究** **黄佳琦**　北京理工大学教授 **Research on High-Stability Lithium Metal Anode Interfaces** **Jiaqi Huang**, Professor, Beijing Institute of Technology
09:25–09:50	**高电压电解液化学** **马建民**　天津工业大学教授 **High-Voltage Electrolyte Chemistry** **Jianmin Ma**, Professor, Tianjin University of Technology
09:50–10:10	**金属锂负极界面质–荷平衡研究** **郗　凯**　西安交通大学教授 **Mass-charge transfer balance at the lithium metal anode** **Kai Xi**, Professor, Xi'an Jiaotong University
10:10–10:30	**多模态联用谱学成像驱动电池正极材料创制** **李林森**　上海交通大学教授 **Innovation of Battery Cathode Materials Enabled by Multimodal Correlative Imaging** **Linsen Li**, Professor, Shanghai Jiao Tong University
10:30–10:45	**茶　歇　Tea Break**
10:45–11:10	**新型高容量氧化物正极材料** **禹习谦**　中科院物理所研究员 **New High-Capacity Oxide Cathode Material** **Xiqian Yu**, Researcher, Institute of Physics, Chinese Academy of Sciences
11:10–11:35	**硫电化学与金属–硫基二次电池** **庞全全**　北京大学研究员 **Sulfur electrochemistry and metal-sulfur batteries**

	Quanqun Pang, Researcher, Peking University
11:35–11:55	**高比能高安全锂电池电解质设计与界面调控** **郑奇峰**　华南师范大学教授 **Electrolyte design and interfacial regulation for high-energy and safe lithium batteries** **Qifeng Zheng**, Professor, South China Normal University
11:55–12:15	**基于 LMCT 原理的原位补锂剂及其实用化研究** **肖必威**　有研（广东）新材料技术研究院教授 **Pre-lithiation agent based on LMCT mechanism and practical application** **Biwei Xiao**, Professor, Youyan (Guangdong) Institute of Advanced Materials Technology
12:15–13:30	**午　餐 Lunch**
13:30–13:55	**硫化物固态电解质功能化与加工成膜研究** **刘芳洋　中南大学教授** **Functionalization and Processing of Sulfide Solid-State Electrolytes for Membrane Fabrication** **Fangyang Liu**, Professor, Central South University
13:55–14:20	**面向储能需求的高电压水系锂离子电池** **索鉴敏**　中科院物理所研究员 **High-voltage Aqueous Lithium-Ion Batteries for Energy Storage Applications** **Liumin Suo**, Researcher, Institute of Physics, Chinese Academy of Sciences
14:20–14:40	**失效锂电池电极材料的修复与再利用** **周光敏**　清华大学深圳研究生院研究员 **Repair and Reuse of Failed Lithium Battery Electrode Materials** **Guangmin Zhou**, Researcher, Shenzhen Graduate School, Tsinghua University
14:40–15:00	**面向储能电池修复的电活性有机材料设计** **高　悦**　复旦大学教授 Design of Electroactive Organic Materials for Energy Storage Battery Repair **Yue Gao**, Professor, Fudan University
15:00–15:20	**极端环境用锂金属电池高安全电解质设计及界面调控研究** **周　栋**　清华大学深圳研究生院副教授

	High-safety electrolyte design and interface regulation for Li metal batteries for extreme working environments **Dong Zhou**, Associate Professor, Shenzhen Graduate School, Tsinghua University
15:20–15:35	**茶　歇 Tea Break**
15:35–16:00	**超分子不对称锂盐新材料** **刘　凯**　清华大学副教授 **Novel Supramolecular Asymmetric Lithium Salt Materials** **Kai Liu**, Associate Professor, Tsinghua University
16:00–16:25	**多场景定义下的固态电池：技术进展与产业化路径** **王家钧**　哈尔滨工业大学教授 **Solid-State Batteries Defined by Multi-Scenario Applications: Technological Progress and Industrialization Pathways** **Jiajun Wang**, Professor, Harbin Institute of Technology
16:25–16:45	**硫化物全固态电池研究进展** **吴　凡**　中科院物理所研究员 **Research Progress on Sulfide-Based All-Solid-State Batteries** **Fan Wu**, Researcher, Institute of Physics, Chinese Academy of Sciences
16:45–17:05	**电池光纤传感技术：从机理研究到电池管理** **黄加强**　香港科技大学（广州）助理教授 **Battery Fiber Optic Sensing Technology: From Mechanism Research to Battery Management** **Jiaqiang Huang**, Assistant Professor, The Hong Kong University of Science and Technology (Guangzhou)
17:05–17:25	**富锂正极材料阴离子氧化还原及其材料设计** **李　彪**　北京大学研究员 **Anionic redox chemistry in Li-rich cathodes and material design** **Biao Li,** Researcher, Peking University

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分会场：动力电池碳足迹管理与后市场服务创新

5 月 14 日 09:00-17:00　18 号馆 CC204B

协办单位：车百智库汽车产业研究院（合肥）有限公司

Session: Carbon footprint and aftermarket

May 14　9:00-17:00　Hall 18　CC204B

Co-organizer: EV100 Plus Automotive Industry Reseach Institute(Hefei)Co.,Ltd.

时间 Time	演讲内容及演讲嘉宾 Content & Speaker
09:00-09:05	**开场及嘉宾介绍** **王贺武**　清华大学碳中和研究院零碳交通研究中心主任 **Opening & Guest Introduction** **Hewu Wang** ,Tsinghua University
09:05-09:30	**动力电池碳足迹管理现状及展望** **石　红**　中汽碳（北京）数字技术中心有限公司总经理助理 **Current Status and Prospect of Power Battery Carbon Footprint Management** **Hong Shi** ,China Automotive Technology and Research Center Co., Ltd.
09:30-09:55	**电池碳足迹——借助 GBA 电池护照获取认证数据** **Kaisa Toroskainen**　全球电池联盟（GBA）高级项目经理 **Battery Carbon Footprint – Toward certified data with the GBA Battery Passport** **Kaisa Toroskainen,** Senior Programme Manager of Global Battery Alliance
09:55-10:20	**见证电池智造 共创绿色未来——弗迪电池碳管理战略与实践分享** **李世彩**　弗迪电池有限公司副总经理 **Witness Smart Battery Manufacturing, Build a Green Future Together——FinDreams Battery's Carbon Management Strategy and Practice Sharing** **Shicai Li** ,FinDreams Battery Co., Ltd.
10:20-10:45	**应对电池护照挑战—欣旺达解决之道** **吴　莎**　欣旺达电子股份有限公司 ESG 负责人 **Tackling Battery Passport Chanllenges--Sunwoda's Solution** **Sha Wu,** Sunwoda Electronic Co., Ltd.
10:45-11:10	**协同·赋能：共建电池全价值链低碳未来** **孙立会**　浙江华友钴业股份有限公司副总裁、首席可持续发展官

	Collaboration and Empowerment: Jointly Building a Low-Carbon Future for the Entire Battery Value Chain **Lihui Sun**,Zhejang Huayou Cobalt Co.,Ltd.
11:10–11:35	**TÜV 南德欧洲电池法规解决方案** **Christian Theeck**　TÜV 南德全球能源业务线经理 **TÜV SÜD European Battery Regulation Solution** **Christian Theeck,** TÜV SÜD Product Service GmbH
12:00–13:30	**午　餐 Lunch**
13:30–13:35	**开场及嘉宾介绍** **王贺武**　清华大学碳中和研究院零碳交通研究中心主任 **Opening & Guest Introduction** **Hewu Wang** ,Tsinghua University
13:35–14:00	**智能拆解技术现状与发展趋势** **张宇平**　格林美股份有限公司副总经理 **Current Status and Development Trends of Intelligent Dismantling Technology** **Yuping Zhang** ,GEM Co., Ltd.
14:00–14:25	**锂电池回收现状审视与可持续发展的长跑思考** **余海军**　广东邦普循环科技有限公司副总裁 **Review of Lithium Battery Recycling Status and Long-term Thinking on Sustainable Development** **Haijun Yu** ,Guangdong Brunp Recycling Technology Co., Ltd.
14:25–14:50	**全生命周期闭环：动力电池回收体系规范化与规模化发展路径** **吴　彬**　苏州博萃循环科技有限公司碳与可持续事业部总经理 **Full Lifecycle Closed Loop: The Path to Standardized and Scaled Development of Power Battery Recycling Systems** **Bin Wu**,Botree Recycling Technologies
14:50–15:15	**欧盟 EPR：大型锂电池产品履约策略** **李成越**　中资环电池科技（苏州）有限公司市场部部长 **EU EPR: Compliance Strategy for Large Lithium Batteries** **Chengyue Li**,China Resources Recycling Group
15:15–15:30	**茶　歇 Tea Break**

15:30-15:55	**数字化赋能新能源汽车检修的探索与实践** **许书军** 中国汽车工程研究院股份有限公司，车百中汽公司董事长 **Exploration and Practice of Digital Empowerment for New Energy Vehicle Maintenance** **Shujun Xu,**China Automotive Engineering Research Institute Co., Ltd.
15:55-16:20	**宁家服务如何做到新能源后市场服务专家** **戴宝嘉** 宁德时代新能源科技股份有限公司后市场业务部国内渠道与增值中心总监 **How NING Service Became an Expert in New Energy Aftermarket Services** **Baojia Dai,**Contemporary Amperex Technology Co., Limited
16:20-16:45	**后市场的下一个十年:蔚能电池应用技术的实践与生态思考** **金 钟** 武汉蔚能电池资产有限公司研究院院长 **The Next Decade of the Aftermarket: Weineng Battery Application Technology in Practice and Reflections on the Ecosystem** **Zhong Jin,**Wuhan Weineng Battery Asset Co.,Ltd.

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分会场：车桩网融合下大功率充电关键技术

5 月 15 日 9:00-16:30　18 号馆 CC204A

协办单位：电动汽车产业技术创新战略联盟

Session: High-Power Battery&High-Power Fast Charging Technologies

May 15　9:00-16:30　Hall 18　CC204A

Co-organizer: China Industry Technology Innovation Strategic Alliance for Electric Vehicle

时间 Time	演讲内容及演讲嘉宾　Content & Speaker
09:00-09:05	**开场及嘉宾介绍** **史来锋**　东风研发总院新能源系统开发主任 **Opening & Guest Introduction** **Laifeng Shi**, Director of New Energy System Development at Dongfeng R&D Institute
09:05-09:30	**800V 高压平台发展现状与下一代演进路线** **赵春阳**　北京汽车研究总院有限公司充电系统技术专家 **Development Status and Next Generation Evolution Path of 800V High Voltage Platform** **Chunyang Zhao**, Charging System Technical Expert of Beijing Automotive Research Institute Co., Ltd.
09:30-09:55	**V2G 模式对电池的技术要求及发展态势** **史来锋**　东风研发总院新能源系统开发主任 **Technical Requirements and Development Trends of Batteries for V2G Mode** **Laifeng Shi**, Director of New Energy System Development at Dongfeng R&D Institute
09:55-10:20	**基于体积动力学匹配的高能量密度电池快充设计** **毛文峰**　广州巨湾技研有限公司首席科学家 **Fast-Charging Design for High-Energy-Density Batteries Based on Volume Kinetic Matching** **Wenfeng Mao**, Chief Scientist of Guangzhou Juwan Technology Research Co., Ltd.
10:20-10:45	**基于快充需求的大圆柱电池关键技术开发** **袁定凯**　云山动力（宁波）有限公司创始人 **Key Technology Development of Large Cylindrical Batteries Based on Fast Charging Requirements** **Dingkai Yuan**, Founder, YUNSA Power (Ningbo) Co.,Ltd.
10:45-11:10	**480kW+液冷超充桩关键技术** **伍程鑫**　深圳市盛弘电气股份有限公司国内重卡充换电产品规划负责人

	Key Technology of 480kW+Liquid Cooled Supercharging Pile **Chengxin Wu**, Head of Domestic Heavy Truck Charging and Swapping Product Planning at Shenzhen Shenghong Electric Co., Ltd.
11:10–11:35	**高功率无线充电技术开发及应用** **姚　辰**　亿创智联（浙江）电子科技有限公司 CTO **Development and Application of High-Power Wireless Charging Technology** Chen Yao, CTO of Yichuang Zhilian (Zhejiang) Electronic Technology Co., Ltd.
11:35–12:00	**大功率充电技术现状及下一代技术创新发展趋势** **胡进永**　中国汽车工程学会科技创新部项目主管 **Current Status and Next-Generation Technology Innovation Trends in High-Power Charging** **Jinyong Hu**, Project Manager, Science and Technology Innovation Department, China Society of Automotive Engineers
12:00–13:30	**午　餐　Lunch**
13:30–13:35	**开场及嘉宾介绍** **胡进永**　中国汽车工程学会科技创新部项目主管 **Opening & Guest Introduction** **Jinyong Hu**, Project Manager, Science and Technology Innovation Department, China Society of Automotive Engineers
13:35–14:00	**新能源基础设施全场景解决方案** **朱金星**　特来电新能源股份有限公司副总裁 **Comprehensive Scenario Solutions for New Energy Infrastructure** **Jinxing Zhu**, Vice President of TELD
14:00–14:25	**大功率充电集群对配电网的影响与智能负荷调度策略** **李涛永**，中国电力科学研究院车网互动研究室主任 **Impact of High-Power Charging Clusters on Distribution Networks and Smart Load Dispatch Strategies** **Taoyong Li,** Director of Vehicle-Grid Interaction Research Office, China Electric Power Research Institute
14:25–14:50	**大功率充电运营模式创新** **谈剑超**　广州发展新能源集团股份有限公司充电事业部运营总监 **Innovation in High-Power Charging Operation Models** **Jianchao Tan,**Guangzhou Development New Energy Group Co., Ltd.

14:50–15:15	**大功率充电安全标准体系与检测认证实践** **张宝强** 中汽研新能源汽车检验中心平台总监 **High-Power Charging Safety Standard System and Testing & Certification Practices** **Baoqiang Zhang**, Platform Director of New Energy Vehicle Inspection Center of China Automotive Technology Research Center Co., Ltd
15:15–15:40	**换电模式的技术可行性及发展趋势** **刘丽芳** 上海启源芯动力科技有限公司战略创新部副总经理 **Technical Feasibility and Development Trends of Battery Swap Mode** **Lifang Liu**, Deputy General Manager of Strategic Innovation Department, Shanghai Qiyuan Xindongli Technology Co., Ltd.
15:40–16:05	**车桩网融合下的 V2G 互动技术与电池健康度管理实践** **杨 烨** 国网智慧车联网技术有限公司高级工程师 **V2G Interaction Technology and Battery Health Management Practices under Vehicle-Infrastructure-Grid Integration** **Ye Yang**, Senior Engineer of State Grid Smart Internet of Vehicles Co., Ltd.
16:05–16:30	**超充液冷枪线与连接器的可靠性与寿命验证** **付 刚** 四川永贵科技有限公司技术总监 **Reliability and Service Life Verification of Liquid-Cooled Cables and Connectors for Ultra-Fast Charging** **Gang Fu**, Technology Director of Sichuan Yonggui Technology Co., Ltd.

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分会场：电池安全与测评

5 月 15 日 9:00-17:00　18 号馆 CC204B

Session: Battery Safety and Evaluation

May 15　9:00-17:00　Hall 18　CC204B

时间 Time	演讲内容及演讲嘉宾　Content & Speaker
09:00-09:10	**开场及嘉宾介绍** **张正铭**　Celgard（Asahi Kasei 集团）首席技术官 **Opening & Guest Introduction** **Zhengming/John Zhang,** CTO/CSO, Celgard（Asahi Kasei）
09:10-09:35	**下一代电动汽车的技术创新与面临的挑战** **从长杰**　广州小鹏汽车科技有限公司总监 **Innovations and Challenges in Supporting Next-Generation Electric Vehicles** **Changjie Cong**,Guangzhou Xiaopeng Automotive Technology Co., Ltd.
09:35-10:00	**富锂锰基正极材料：阻断氧流失，提高稳定性** **王兆翔**　中国科学院物理研究所研究员 **Li-rich Mn-based Cathode Materials: blocking oxygen loss to enhance stability** **Zhaoxiang Wang**, Researcher, Institute of Physics, Chinese Academy of Sciences
10:00-10:25	**3M 紫外光激活胶膜在动力电池水冷板绝缘粘接中的应用研究** **张　溯**　3M 中国研发中心技术专家 **New Bonding Solutions for EV Battery Thermal Management - Interpreting the Technical Value of 3M UVAF** **Su Zhang**, 3M China
10:25-10:50	**动力电池开发测试及安全设计思考** **王高武**　深圳弗迪电池有限公司 **Thoughts on the Development, Testing, and Safety Design of Power Batteries** **Gaowu Wang** ,FinDreams Battery Co., Ltd.
10:50-11:15	**面向本质安全的智能电池技术** **陈浩森**　北京理工大学教授 **Smart Batteries Technology Toward Intrinsically Safe** **Haosen Chen**, Professor, Beijing Institute of Technology

11:15–11:40	**压力信号在电池系统中的应用与挑战** **张彩萍**　北京交通大学教授 **Application and Challenges of Pressure Signals in Battery Systems** **Caiping Zhang**, Professor, Beijing Jiaotong University
11:40–12:00	**降低热失控风险** **EJ Shin,** Soteria Battery Innovation Group 营销总监 **Reduce the risk of thermal runaway** **EJ Shin,** Marketing director, Soteria Battery Innovation Group
12:00–13:30	**午 餐 Lunch**
13:30–13:40	**开场及嘉宾介绍** **马天翼**　中汽研新能源汽车检验中心（天津）有限公司首席专家 **Opening & Guest Introduction** **Tianyi Ma**, Chief Expert, CATARC New Energy Vehicle Research and Inspection Center (Tianjin) Co., Ltd.
13:40–14:05	**车用动力电池安全标准化进展与未来展望** **郝维健**　中国汽车技术研究中心有限公司中国汽车标准化研究院首席专家 **Progress and Future Prospects of Safety Standardization for Vehicle Traction Batteries** **Weijian Hao**, Chief Expert, China Auto Standardization Research Institute, China Automotive Technology & Research Center
14:05–14:30	**磷酸铁锂电池热失控产气、燃烧行为及建模研究** **梅文昕**　中国科学技术大学副研究员 **Research on Gas Generation, Combustion Behavior, and Modeling of Thermal Runaway in LFP Batteries** **Wenxin Mei,** Associate Researcher, University of Science and Technology of China
14:30–14:55	**消防视角下的动力电池与汽车安全** **卓　萍**　应急管理部天津消防研究所主任 **Safety of Traction Batteries and Vehicles from a Fire Protection Perspective** **Ping Zhuo,** Direcotr, Tianjin Fire Research Institute of MEM
14:55–15:20	**从扫描器到 DPP：一个实用的端到端电池可追溯性解决方案** **Ilia Gasparishvili，** Movilizer GmbH (Honeywell CL)

	From scanners to DPP: a practical End-to-End battery traceability solution **Ilia Gasparishvili**，Movilizer GmbH (Honeywell CL)
15:20–15:45	**动力电池仿真软件开发及应用** **何绍清**　中汽软件（深圳）有限公司总经理 Development and application of power battery simulation software **Shaoqing He,** General Manager, China Automotive Software (Shenzhen) Co., Ltd.
15:45–16:10	**数据驱动的新能源汽车火灾预警与防控技术实践** **刘　鹏**　北京理工大学副教授 **Data-Driven Practices of Fire Early Warning and Prevention Technology for New Energy Vehicles** **Peng Liu,** Associate professor, Beijing Institute of Technology
16:10–16:35	**锂离子电池内生缺陷诊断与力-化耦合安全预警研究** **周思达**　河北工业大学副教授 **Diagnosis of manufacturing defects and electrochemical-stress coupling warning for lithium-ion batteries** **Sida Zhou**,Associate professor, Hebei University of Technology
16:35–17:00	**新一代车用动力电池测试评价** **马天翼**　中汽研新能源汽车检验中心（天津）有限公司首席专家 **Testing and Evaluation of Next Generation Automotive Traction Batteries** **Tianyi Ma**, Chief Expert, CATARC New Energy Vehicle Research and Inspection Center (Tianjin) Co., Ltd.

* 最终安排以大会当天公布为准

分会场：固态及新体系电池

5 月 15 日 9:00-17:00　18 号馆 CC201A

Session: Solid-state Battery and Next-Generation Battery Technologies

May 15　9:00-17:00　Hall 18　CC201A

时间 Time	演讲内容及演讲嘉宾 Content & Speaker
09:00-09:05	**开场及嘉宾介绍** **肖成伟**　中国化学与物理电源行业协会副秘书长 **Opening and Guests Introduction** **Chengwei Xiao**, Deputy Secretary-General of China Industrial Association of Power Sources
09:05-09:30	**发展固态电池正极材料战略思考：技术、产业及未来格局** **夏定国**　北京大学教授 **Strategic thinking on cathode materials for solid-state batteries: technology, industry, and future** **Dingguo Xia,** Professor, Peking University
09:30-09:55	**固态锂离子电池规模化量产技术研究** **李　泓**　中国科学院物理研究所研究员 **Production of solid lithium ion batteries** **Hong Li**，Researcher, Institute of Physics, CAS
09:55-10:20	**全固态电池用硅碳复合负极和锂金属复合负极** **郭玉国**　中国科学院化学研究所研究员 **Silicon-carbon composite anodes and lithium metal composite anodes for all-solid-state batteries** **Yuguo Guo**, Researcher, Institute of Chemistry, Chinese Academy of Sciences
10:20-10:45	**氧化物固体电解质与高性能固液及固态电池** **郭向欣**　青岛大学教授，融固新材料科技（绍兴）有限公司 **Development of oxide electrolytes for high performance solid/liquid hybrid and all solid batteries** **Xiangxin Guo**, Professor, Qingdao university;Ronggu new-material technology company
10:45-11:10	**硫卤化物固态电池及电解质技术进展** **王建涛**　国家动力电池创新中心副主任，国联汽车动力电池研究院有限责任公司 **Progress in sulfur halide solid-state batteries and electrolyte technology**

	Jiantao Wang, China Automotive Battery Research Institue Co. Ltd.
11:10-11:35	**基于锂硫催化的全固态锂硫电池** **杨全红** 天津大学教授 **All-Solid-State Li-S Batteries Enabled by Sulfur Redox Catalysis** **Quanhong Yang,** Professor, Tianjin University
11:35-12:00	**面向低外压全固态电池的正负极材料** **陈立桅** 上海交通大学教授 **Cathode and anode materials for low external pressure all-solid-state batteries** **Liwei Chen,**Professor, Shanghai Jiaotong University
12:00-13:30	**午 餐 Lunch**
13:30-13:35	**开场及嘉宾介绍** **夏定国** 北京大学教授 **Opening and Guests Introduction** **Dingguo Xia**, Professor, Peking University
13:35-14:00	**高安全高能量密度聚合物电池** **张 强** 清华大学教授 **High-Safe and High-Energy-Density Polymer Electrolyte Batteries** **Qiang Zhang,** Professor, Tsinghua University
14:00-14:25	**重塑次世代电池 2.0--从产业迷思与技术悖论，走向可量产的高安全、高能量电池平台** **杨思栩** 辉能科技董事长 **Redefining Next-Generation Battery 2.0--From Industrial Myth and Tech Paradox to a Producible High-Safety, High-Energy Lithium Battery Platform** **Szu-Nan Yang**, Prologium Technology Ltd.
14:25-14:50	**聚合物复合全固态车用动力电池开发** **李 峥** 清陶（昆山）能源发展集团股份有限公司总经理 **Development of polymer-based Composite All-Solid-state Batteries for EV applications** **Zheng Li**, General Manager, Qingtao (Kunshan) Energy Dev. Corp. CO., Ltd
14:50-15:15	**(半)固态锂电池中的关键材料技术研发及产业化** **许晓雄** 南方科技大学先进电池乌镇研究院执行院长 **Research and development of key material technologies for semi-/all-solid-state lithium batteries and their industrialization** **Xiaoxiong Xv,** Executive Dean, Advanced Battery Wuzhen Research Institute of

	Southern University of Science and Technology
15:15-15:40	**高比能固液混合电池研发进展及应用** **侯　敏**　瑞浦兰钧能源股份有限公司副总裁 **Progress in the Development and Application of High-Energy-Density Solid-Liquid Hybrid Batteries** **Min Hou,** Vice President, REPT BATTERO Energy Co.,Ltd.
15:40-16:05	**超高比能锂-空气电池关键材料与器件** **张新波**　中国科学院长春应用化学研究所研究员副院长 **Key Materials and Devices for Ultra-High Energy Density Lithium-Air Batteries** **Xinbo Zhang,** Reseacher, Changchun Institute of Applied Chemistry, Chinese Academy of Sciences
16:05-16:30	**聚合物电池体系设计及软包应用** **张　恒**　华中科技大学教授 **Polymer Battery System Design and Pouch Cell Applications** **Heng Zhang,** Professor, Huazhong University of Science and Technology
16:30-16:55	**高比能之路：锂金属电池的产品化策略** **王瀚森**　宁德时代新能源科技股份有限公司高级经理 **Road towards high energy density: strategies for the commercialization of Li metal batteries** **Hansen Wang,**Senior Manager,Contemporary Amperex Technology Co., Ltd.(CATL)

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分会场：AI for Battery

5 月 15 日 9:00-12:00　18 号馆 CC201B
Session: AI for Battery
May 15　9:00-12:00　Hall 18　CC201B

时间 Time	演讲内容及演讲嘉宾　Content & Speaker
09:00–09:05	**开场及嘉宾介绍** **吴晓刚**　河北工业大学教授 **Opening and Guests Introduction** **Xiaogang Wu**, Professor, Hebei University of Technology
09:05–09:25	**用于电池研究的高通量实验与机器学习** **李　斌**　野猫发现科技公司高级副总裁 **High Throughput Experiments and Machine Learning for Battery Research** **Bin Li**, VP Product Development, Wildcat Discovery Technologies
09:25–09:45	**分子宇宙：人工智能赋能新材料发现** **许　康**　SES AI 公司 CTO **Molecular Universe: Artificial Intelligence Empowering New Materials Discovery** **Kang Xu**, CTO, SES AI Corp.
09:45–10:05	**基于图论和 AI 的锂电池的材料基因探索** **潘　锋**　北京大学深圳研究院教授 **Materials Genome Exploration for Lithium-Ion Batteries Based on Graph Theory and AI** **Feng Pan,** Professor, Peking University, Shenzhen Graduate School
10:05–10:25	**人工智能设计锂电池电解液** **陈　翔**　清华大学副研究员 **Artificial Intelligence Design of Lithium Battery Electrolytes** **Xiang Chen**, Associate Researcher, Tsinghua University
10:25–10:45	**AI 赋能的锂离子电池快充策略优化研究** **刘亚杰**　国防科技大学教授 **Research on AI-Enabled Optimization of Fast-Charging Strategies for Lithium-Ion Batteries**

	Yajie Liu, Professor, National University of Defense Technology
10:45–11:05	**电池研发 AI 转型** **李　哲**　清华大学车辆学院教授/易来科得 **AI Transformation of Battery R&D** **Zhe Li,** Professor, School of Vehicle and Mobility, Tsinghua University / Electroder
11:05–11:25	**人工智能算法在电池寿命预测中的应用** **吴晓刚**　河北工业大学教授 **Application of Artificial Intelligence Algorithms in Battery Life Prediction** **Xiaogang Wu**, Professor, Hebei University of Technology
11:25–11:45	**AI for Science 智能“大装置”：重塑研发基础设施，加速电池材料开发** **王晓旭**　深势科技智能研发副总裁 **AI for Science “Mega-Instrument”: Reshaping R&D Infrastructure and Accelerating Battery Materials Development** **Xiaoxu Wang**, VP, DP Technology

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分会场：智能装备与制造数字孪生

5 月 15 日 13:30-18:00　18 号馆 CC201B

Session: Smart Equipment and Manufacturing

May 15　13:30-18:00　Hall 18　CC201B

时间 Time	演讲内容及演讲嘉宾 Content & Speaker
13:30-13:35	**开场及嘉宾介绍** **阳如坤** 吉阳智能科技有限公司董事长 **Opening & Guest Introduction** **Rukun Yang**, Chairman, Shenzhen Geesun Intelligent Technology Co., Ltd.
13:35-13:55	**极限智造，数据掘金装备智能化落地的先导实践** **叶正平**　无锡先导智能装备股份有限公司先导集团营销总经理 **Extreme Intelligent Manufacturing, Data Mining: Pioneering Practices of Equipment Intelligence Implementation in XIANDAO** **Zhengping Ye**, Marketing General Manager of Lead Group, Wuxi Lead Intelligent Equipment Co., Ltd.
13:55-14:25	**X-ray 技术和 AI 助力电池在线检测和高质量发展** **墨　恺**　德国蔡司汽车与新能源行业全球 CTO **X-ray Technology and AI Empowering Battery Online Inspection and High-Quality Development** **Kai Mo**, Global CTO for Automotive and New Energy Industry, Carl Zeiss AG
14:25-14:45	**面向安全的锂电池制造仿真与缺陷检测** **郑岳久**　上海理工大学教授 **Safety-Oriented Lithium Battery Manufacturing Simulation and Defect Inspection** **Yuejiu Zheng**, Professor,University of Shanghai for Science and Technology
14:45-15:05	**固态电池制造工艺装备路线分析** **杜义贤**　广东利元亨智能装备股份有限公司研究院院长 **Analysis of Solid-State Battery Manufacturing Process and Equipment Roadmap** **Yixian Du**, Dean of Research Institute, Guangdong Lyric Intelligent Equipment Co., Ltd.

15:05-15:25	**全固态电池工艺装备开发进展** **苑振革** 邢台纳科诺尔精轧科技股份有限公司正高工/CTO **Development Progress of All-Solid-State Battery Process Equipment** **Zhenge Yuan**, Senior Engineer/CTO, Xingtai Naknor Technology Co., Ltd.
15:25-15:45	**面向全固态电池中关键问题的“装备+工艺”解决思路** **杨 康** 高能数造（西安）技术有限公司联合创始人&CTO **"Equipment + Process" Solutions for Key Challenges in All-Solid-State Batteries** **Kang Yang**, Co-Founder & CTO, Top Energy Digital Manufacturing (Xi'an) Technology Co., Ltd.
15:45-16:05	**面向全固态电池的干法电极工艺技术、智能装备及材料的开发** **王 臣** 深圳清研电子科技有限公司总经理 **Development of Dry Electrode Process Technology, Intelligent Equipment, and Materials for All-Solid-State Batteries** **Chen Wang**, General Manager, Shenzhen Qingyan Electronics Technology Co., Ltd.
16:05-16:25	**激光应用技术升级与突破** **武华鹏** 深圳市宝辰鑫激光科技有限公司总经理 **Advancement and Breakthrough in Laser Application Technology** **Huapeng Wu**, General Manager, Shenzhen Baochenxin Laser Technology Co., Ltd.
16:25-16:45	**从化学经验文明跨越到物理感知文明：重定义电池制造的安全标准** **刘玉青** 衢州镭加科技有限公司副教授 **From Civilization of Chemical Experience to Civilization of Physical Sensing: Redefining Safety Standards in Battery Manufacturing** **Yuqing Liu**, Associate Professor, Quzhou Leijia Technology Co., Ltd.
16:45-17:05	**基于激光光谱分析的电池检测技术** **侯宗余** 清华大学山西清洁能源研究院智慧能源中心副主任 **Battery Detection Technology Based on Laser Spectral Analysis** **Zongyu Hou,** Deputy Director of the Smart Energy Center, Shanxi Clean Energy Research Institute, Tsinghua University
17:05-17:25	**多元视觉系统赋能锂电先进制造**

	熊仁涛　高级机器视觉经理，杭州海康机器人股份有限公司 **Open co creation: Empowering advanced manufacturing of lithium batteries with diverse visual systems** **Rentao Xiong**, Hangzhou Hikrobot Co., Ltd
17:25-17:45	**AI 重构质量管理：达索系统赋能电池质量卓越与工艺闭环** **王　煜**　达索系统公司，达索系统大中华区新能源与电池行业高级顾问 **AI Reconstructs Quality Management: Dassault Systèmes Empowers Battery Quality Excellence and Process Closure** **Yu Wang**, Senior Consultant for New Energy & Battery Industry, Greater China, Dassault Systèmes
17:45-18:05	**自动化到自主化–AI 与控制融合在锂电制造应用探索** **宋华振**　贝加莱工业自动化(中国)有限公司行业发展总监，ABB 集团自动化业务领域机械自动化事业部 **From Automation to Autonomy: Exploration of AI and Control Integration in Lithium Battery Manufacturing Applications** **Huazhen Song**, Industry Development Director, B&R Industrial Automation (China) Co., Ltd. (Machine & Factory Automation Business Line of ABB Group)

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报到时间：

2026 年 5 月 12 日：12:00-17:30

2026 年 5 月 13 日：8:15 开始

Registration time:

May 12: 12:00-17:30;
May 13: from 8:15

会议报到地点：

深圳国际会展中心 18 号馆二层

Registration place: 2nd Floor, Hall 18, Shenzhen World Exhibition & Convention Center

会议语言：

本次大会语言为中文和英文。会议期间提供字幕翻译。

Conference language:

The language of this conference is Chinese and English. Subtitle translation will be provided during the sessions.

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中国化学与物理电源行业协会

2026 年 5 月 7 日