

CIBF2016
The International Conference
on the Frontier of Advanced Batteries, CIBF2016
and
The 6th China International Energy Storage Conference
CIBF2016 国际先进电池前沿技术研讨会暨第六届中国储能大会

Program

会议议程

Date: May 24 - 26

时间：5月24日-26日

Place: 5th Floor, Shenzhen Convention & Exhibition Center

地点：深圳会展中心五楼

Co-Chairmen (会议主席)： 刘兴江 (中国)， **Xiaoqing Yang (USA)**

Guohua Li (日本)、Zhengming (John) Zhang (张正铭, USA)，汪继强 (中国)

General Secretary (秘书长)： 黄学杰 (中国)

Important Note: Listed presentation time shall include 5min 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

May 24 (5月24日) Morning Session (上午会议安排)	
8:40-8:50	Opening Address Liu Yanlong, General Secretary of CIAPS 开幕式致辞刘彦龙，中国化学与物理电源行业协会秘书长
Session 1: (Plum Blossom Hall, 梅花厅) Worldwide market & technology development of advanced batteries for xEV& BESS, etc. 电动车和储能用先进电池的国内外市场和技术发展趋势 Chairman: Zhengming Zhang (张正铭)， Co- Chairman: Guohua Li	
8:50-9:30	Forecast to the Future Worldwide Lithium-ion Batteries Market and Related Materials Development Mark Hsueh-lung Lu, Certified Senior Industrial Analyst / Industrial Economics & Knowledge Center (IEK), Industri

	<p>Technology Research Institute (ITRI), Taiwan</p> <p>全球锂离子二次电池市场及其相关材料研发的前景展望（2016-2018年）</p> <p>吕学隆，资深产业分析师，台湾工业技术研究院产业经济与趋势研究中心</p>
9:30-10:00	<p>Advance of EV & EV Battery and Prospective of Development in “Chinese the 13th Five Year Plan” Period (Keynote Speech)</p> <p>Dr. Ouyang Minggao, Chief specialist, Chinese 863 EV major program of “Chinese the 12th Five Year Plan”</p> <p>中国电动车与动力电池进展及“十三五”发展预期</p> <p>欧阳明高博士，中国“十二五”计划863电动车重大专项首席专家</p>
10:00-10:30	<p>Technology Big Bang in Battery: From mobile to Grid ESS</p> <p>Dr. Yves Saw, LG Chem Inc., Korea</p> <p>电池技术的新浪潮：从手机应用到电网储能系统应用</p> <p>Yves Saw 博士，LG 化学（韩国）</p>
10:30-10:50	<p>Tea Break (茶歇)</p>
<p>Session 2: (Plum Blossom Hall, 梅花厅)</p> <p>Next generation advanced battery & materials</p> <p>下一代先进电池与材料研究进展</p> <p>Chairman: Liu Xingjiang, Co-Chairman: Xiaoqing Yang</p>	
10:50-11:30	<p>Next Generation Lithium Ion batteries and Beyond--- (Keynote Speech)</p> <p>Khal. Amine, Argonne National Laboratory, 9700 South Cass Av., Argonne, IL (美国)</p> <p>下一代锂离子电池和超越锂离子电池的新型电池技术</p> <p>Khal Amin 博士，美国能源部阿贡实验室资深研究员，IMLB2016 主席</p>
11:30-12:00	<p>Development of Lithium Battery Using Solid Electrolyte</p> <p>Dr. Liu Xingjiang, NKLPS, Tianjin Institute of Power Sources/Tianjin University</p> <p>开发采用固体电解质的锂电池</p> <p>刘兴江博士，化学与物理电源重点实验室、天津电源所/天津大学</p>
12:00-13:30	<p>Lunch午餐 (自助餐)</p>

May 24 (5月24日) Afternoon Session (下午会议安排)

Session 3 (Plum Blossom Hall, 梅花厅)

Newly progress of EV & EV advanced battery technology & application

电动车与电池技术及应用新进展

Chairman: Huang Xuejie (黄学杰), Co-Chairman: Zin Park

13:30-13:55	EV with Advanced Battery System developed & commercialized by Beijing Electric Vehicle Co Ltd. Chen Ping , Chief Engineer, Beijing Electric Vehicle Co., Ltd. 北汽新能源电动车的电池系统开发及产业化推进 陈平总工程师, 北汽新能源汽车股份有限公司
13:55-14:20	The Power Battery Technology R&D and application of the Electric Bus Dr. YinLichao , New Energy Technology Department, YUTONG 电动客车用动力电池技术研发及应用情况 尹利超博士, 新能源技术部, 宇通客车
14:20-14:45	Development direction of lithium-ion battery for automotive applications Dr. Zin Park , Samsung SDI, Korea 汽车动力锂离子电池的研发方向 Zin Park 博士, 三星 SDI (韩国)
14:45-15:10	Prospect of the near future Li-ion Battery technologies for NEVs Dr. Huang Xuejie , Institute of Physics, Chinese Academy of Sciences 未来几年用于新能源汽车的锂离子电池发展预测 黄学杰博士, 中国科学院物理研究所
15:10-15:35	Update the BYD EDV program Shen Xi , Head of EDV battery div, Sr. Director, BYD. 比亚迪电动车与动力电池发展现状 沈焱总经理, 比亚迪 EVD 电池部
15:35-15:55	Tea Break 茶歇

Session 4 (Plum Blossom Hall, 梅花厅)

Progress of EV advanced battery technology & application

电动车电池技术及应用新进展

Chairman: Wang Chao-Yang, Co-Chairman: Zhiqiang Yu

15:55-16:20	High Energy Density Technology Development For EV Battery Zhang Na , TianjinLishen Battery Co. Ltd. 电动车辆用高能量密度电池技术进展 张娜博士, 天津力神电池有限公司
16:20-16:45	Lithium-ion battery structure that self-heats at low temperatures Dr. Chao-Yang Wang , Department of Mechanical and Nuclear Engineering and Electrochemical Engine Center (ECEC), The Pennsylvania State University, USA 在低温时自加热的锂离子电池结构 王朝阳博士, 宾州大学机械与核工程及电化学工程中心 (美国)
16:45-17:10	A novel reference cell design applicable to production Li ion batteries Dr. Zhiqiang Yu , Lab Group Manager, Battery Research Lab, General Motors China Science Lab, GM (China) Investment Co. Ltd. 一种可应用于锂电池产品的新型参考电池设计 吁志强博士, 通用汽车中国科学研究院; 通用汽车(中国)投资有限公司
17:10-17:35	Electrification options to meet future fuel efficiency regulations Alfred Shi , Technical Sales Lead, China – Advanced Battery, Johnson Controls, Inc. 为达到未来燃油效率标准的电动助力选项 石洪涛, 技术销售负责人, 江森自控

May 25 (5月25日) Morning Session (上午会议安排)

Session 5-1 (Plum Blossom Hall, 梅花厅) R&D progress of advanced materials for next generation xEV batteries 下一代动力电池新型材料研究进展	Session 5-2 (Bougainvillea Hall, 簕杜鹃厅) Development & application of advanced batteries for BESS 电池储能技术与应用进展
Session 5-1-1 (Plum Blossom Hall, 梅花厅) R&D progress of advanced cathode materials for next generation xEV batteries (1) 下一代动力电池用新型正极材料进展	Session 5-2-1 (Bougainvillea Hall, 簕杜鹃厅) General & Li ion batteries for BESS 电池储能综述与锂离子储能专题 Chairman: Lai Xiaokang

Chairman: Margret Wohlfahrt-Mehrens, Co-Chairman: Jin-Ming Chen,		Co-Chairman: Michael G. Pollitt
8:30-8:55	<p>High-Capacity Electrode Materials for over 300 Wh/kg Li-ion Batteries</p> <p>Dr. Yonggao Xia, Ningbo Institute of Materials Technology & Engineering, China</p> <p>超过 300Wh/kg 锂离子电池的高容量电极材料的开发</p> <p>夏永高博士/教授, 中科院宁波材料研究所</p>	<p>Advance of Energy Storage Technology and Key Research Direction</p> <p>Lai Xiaokang, Electrical Engineering Institute, China</p> <p>储能技术的进展及攻关方向</p> <p>来小康所长, 中国电力研究院北京电工研究所, 中国</p>
8:55-9:20	<p>High voltage cathode materials for Lithium ion batteries</p> <p>Dr. Margret Wohlfahrt-Mehrens, Germany (德国)</p> <p>用于锂离子电池的高电压正极材料</p> <p>Margret Wohlfahrt-Mehrens 博士, 德国太阳能和氢能研究所</p>	<p>Advance in the Power Battery and its Applications</p> <p>Mr. Takashi Ito (Manager), Hitachi Chemical Co., Ltd. Japan</p> <p>功率型电池及其应用进展 (储能应用)</p> <p>Takashi Ito, 经理, 日本日立公司, 日本</p>
9:20-9:45	<p>High Energy Batteries and Materials for Next Generation EV Applications</p> <p>Dr. Jin-Ming Chen,</p> <p>应用于下一代电动车的高能量密度电池及其材料</p> <p>陈金铭博士, 台湾工研院</p>	<p>SAFT latest generation of long life industrial Li-ion Batteries</p> <p>Dr Philippe Biensan, Li-ion Cell Development Manager</p> <p>Europe Bordeaux, France (法国)</p> <p>SAFT 公司最新一代的长寿命工业用锂离子电池</p> <p>Philippe Biensan 博士</p>
9:45-10:10	<p>Pumping up the voltage: The way to go for long range affordable EV's</p> <p>Dr. Wendy Zhou, Senior Technology and Commercial Manager, Umicore Rechargeable Battery Material (加拿大)</p> <p>提高工作电压: 扩展经济适用型电动车续航里程的途径</p> <p>Wendy Zhou 博士, 优美科二次电池材料公司 (加拿大)</p>	<p>Are the prospects for electrical energy storage in Europe as good as they are in California?</p> <p>Michael G. Pollitt, Professor, Energy Policy Research Group, Judge Business School, University of Cambridge, United Kingdom (英国)</p> <p>欧洲电化学储能前景是否和美国加州一样美好?</p> <p>Michael G. Pollitt 教授, 英国剑桥大学</p>
10:10-10:30	Tea Break 茶歇	
Session 5-1-1 (Plum Blossom Hall, 梅花厅) R & D progress of advanced cathode materials for next generation xEV		Session 5-2-2 (Bougainvillea Hall, 簕杜鹃厅) Progress of Ni/MH & rechargeable Zn/air as well as flow

batteries (2) 下一代动力电池用新型正极材料进展 Chairman: Feng Pan Co-Chairman: Xiaoqing Yang		batteries 氢镍、锌空气与液流电池新发展专题 Chairman: Zempachi OGUMI Co-Chairman: Huamin Zhang
10:30-10:55	Structure and property of layered $\text{Li}(\text{Ni}_x\text{Mn}_y\text{Co}_z)\text{O}_2$ for high performance Feng Pan , School of Advanced Materials, Peking University, Shenzhen Graduate School 面向高性能的三元正极材料 $\text{Li}(\text{Ni}_x\text{Mn}_y\text{Co}_z)\text{O}_2$ 结构和性质研究 潘锋 博士/教授, 北京大学深圳研究生院, 中国	Nickel Metal Hydride Batteries for Portable, Stationary and Transportation Application Dr. Michael Fetcenko , BASF Battery Materials-Ovonac, USA 适用于小型移动、固定以及交通运输的金属氢化物镍电池技术进展 Michael Fetcenko 博士, 巴斯夫电池材料公司(美国)
10:55-11:20	Structural characterization studies of advanced electrode and solid electrolyte materials for Li-ion and sodium batteries using synchrotron based x-ray techniques and TEM Xiao-QingYang , Chemistry Department Brookhaven National Laboratory, USA 应用基于同步辐射的 X 光技术和透射电镜研究钠电池的电极及电解质材料结构 杨晓青 博士, 美国能源部布鲁克海文实验室	Advance of Zn- air rechargeable battery Prof. Zempachi Ogumi , Office of Society-Academ Collaboration for Innovation (SACI) Kyoto University, Japan 锌空二次电池的新发展 Zempachi Ogumi 教授, 京都大学, 日本
11:20-11:45	Early structure change diagnostic of battery materials for design optimization Jigang Zhou , Industrial staff scientist, Canadian Light Source Inc. (CLS) Canada National synchrotron facility, Canada (加拿大) 用于电池材料设计优化的材料结构变化的早期诊断 周霁罡 博士, 加拿大国家同步加速器中心	Research Development and Application Evaluation of Flow battery for BESS Huamin Zhang , Division of energy storage, Dalian Institute of Chemical Physics, Chinese Academy of Science, China 用于储能系统的液流电池的研发与应用评估 张华民 博士/研究员, 中国科学院大连化学物理研究所
11:45-12:05	Combined neutron and synchrotron X-ray scattering study of novel cathode materials for next generation rechargeable	Research Progress on Advanced ZEBRA Battery Zhaoyin Wen , Research Fellow, Shanghai Institute of Ceramic

	batteries Jue Liu , Research Assistant, Department of Chemistry, Stony Brook University and Chemistry Department, Brookhaven National Laboratory 将中子散射与同步辐射 X 光散射相结合来研究新一代二次电池的新型正极材料 刘珏博士 , 美国布鲁克海文国家实验室/ Stony Brook 大学 (美国)	of the Chinese Academy of Sciences 先进钠氯化镍电池的研究进展 温兆银 博士/研究员, 中国科学院上海硅酸盐研究所
12:05-13:30	Lunch 午餐 (自助餐)	
May 25 (5 月 25 日) Afternoon Session (下午会议安排)---Two Parallel Sub-Sessions (两个平行分会)		
	Session 5-1-2 (Plum Blossom Hall, 梅花厅) R&D progress of advanced materials for next generation xEV batteries (1) –Separator/Electrolyte/Binder, etc. (1) -隔膜/电解质/粘合剂等新进展 Chairman: Bin Li, Co-Chairman: Kohtaro Kimishima	Session 5-2-3 (Bougainvillea Hall, 簕杜鹃厅) Progress of New Na ion and Na/S batteries 新型钠离子电池材料与电池技术/产业发展及钠硫电池储能应用新进展 Chairman: Claude DELMAS Co-Chairman: Ma Zifeng
13:30-13:55	Development of Innovative Wet Separator for LIB Dr. Kohtaro Kimishima , Product Design Director, Technology, Toray Battery Separator Film Co., Ltd., Japan (日本) 用于锂离子电池的新型湿法隔膜技术的新发展 Kohtaro Kimishima 博士, 日本东丽电池隔膜有限公司	Pitch-derived amorphous carbon as high performance anode for sodium-ion batteries Yong-Sheng Hu , Key Laboratory for Renewable Energy, Beijing Key Laboratory for New Energy Materials and Devices, Beijing National Laboratory for Condensed Matter Physics, Institute of Physics, China 由焦油制备的无定形炭作为钠离子电池的高性能负极材料 胡勇胜 博士, 中国科学院物理研究所
13:55-14:20	Polymer innovation for xEV batteries with safer, more efficient, and more cutting-edge solution Rui Liu , Global Technical Development Engineer, Solvay Specialty	New layer oxides as positive electrode of Na-Ion batteries Dr Claude DELMAS , Directeur de Recherche au CNRS, ICMCB-CNRS, (France)

	<p>Polymers</p> <p>xEV 电池更安全、更高效、更前沿的聚合物创新解决方案</p> <p>刘睿，全球电池技术拓展工程师，索尔维特种聚合物</p>	<p>用作钠离子电池正极的新型层状氧化物</p> <p>Claude DELMAS 博士，法国波尔多大学</p>
<p>14:20- 14:45</p>	<p>Development of Novel Electrolytes for Silicon Anodes</p> <p>Bin Li, Ph.D., Senior Principal Scientist, Wildcat Discovery Technologies</p> <p>适用于硅负极的新型电解液</p> <p>李斌博士，资深科学家，Wildcat Discovery Technologies (美国)</p>	<p>Sodium ion battery from lab research to industry</p> <p>Dr. Shulei Chou, Senior Research Fellow Institute for Superconducting and Electronic Materials, AIIM, Innovativ campus University of Wollongong, Australia</p> <p>从实验室走向工业应用的钠电池技术</p> <p>Shulei Chou 博士，卧龙岗大学大学，澳大利亚</p>
<p>14:45- 15:10</p>	<p>Tailoring the Surface and Interphase of Electrodes for Long Term Operation of Rechargeable Batteries</p> <p>Dr. XiaolinLi, Staff Scientist, Pacific Northwest National Laboratory (PNNL), USA</p> <p>电极表面和电极-电解液界面的调控对二次电池循环寿命的影响</p> <p>李晓林博士/研究员，美国西北太平洋国家实验室(美国)</p>	<p>Design and development of portable energy storage device based on sodium-ion batteries</p> <p>Zi-Feng Ma, Shanghai Electrochemical Energy Device Research Center, Department of Chemical Engineering, Shanghai Jiao Tong University</p> <p>移动式钠离子电池储能系统设计与开发</p> <p>马紫峰博士、教授，上海交通大学/中聚电池研发中心</p>
<p>15:10- 15:35</p>	<p>How to Develop an Ideal Anode Binder to Improve both Processability and Cell Performance?</p> <p>Jane, Samchem, China</p> <p>研发理想的负极粘合剂，提升可加工性与电池性能</p> <p>姜怡竹，深圳市泰能新材料有限公司 (SAM)</p>	<p>NaS Battery Application in Renewable Energy</p> <p>Tamakoshi Tomio, Director, Design Dept., NGK Insulators Ltd</p> <p>钠硫电池--可再生能源应用，</p> <p>玉越富夫，NGK 设计部长，日本 NGK 公司</p>
<p>15:35- 15:55</p>	<p>Tea Break 茶歇</p>	
<p>Session 5-1-2 (Plum Blossom Hall, 梅花厅)</p> <p>R&D progress of advanced materials for next generation xEV batteries</p>		<p>Session 5-2-4 (Bougainvillea Hall, 簕杜鹃厅)</p> <p>Progress of Li/S,etc. batteries</p>

<p align="center">(2) –Graphite & Carbon anode or additives 石墨/碳负极及添加剂材料新技术与应用进展专题 Chairman: Ren Jianguo, Co-Chairman: Hanwei Lei</p>		<p align="center">钠硫应用/锂硫等电池技术进展专题 Chairman: Deyang Qu Co-Chairman:</p>
<p>15:55- 16:25</p>	<p>Development of high capacity anode materials in BTR Dr. Ren Jianguo, BTR 贝特瑞高容量负极材料的开发进展 任建国博士，深圳市贝特瑞新能源材料股份有限公司研究院院长</p>	<p>Rechargeable Lithium Sulfur Batteries Prospective –view from “the Mechanism of Sulfur Redox Reaction” Deyang Qu , Johnson Controls Endowed Professor , Department of Mechanical Engineering, University of Wisconsin Milwaukee, USA 从二次锂硫电池---硫的氧化还原机理讨论其发展前景 屈德扬博士，威斯康辛大学（美国）</p>
<p>16:25- 16:50</p>	<p>Recent Development of CSCC in Mesophase Graphite Dr. CHEN Yixun, China Steel Chemical Corp. 中钢碳素在中间相石墨负极之最新进展 陈奕勋博士，台湾中钢碳素化学，新材料开发处</p>	<p>R& D of Li-S rechargeable battery with high energy density CHEN Jian, Dalian Institute of Chemical Physics, Chinese Academy of Science 高比能量锂硫二次电池的研究与开发 陈剑，博士，研究员，中科院大连化学物理研究所</p>
<p>16:50- 17:15</p>	<p>New carbon materials for advanced batteries Hanwei Lei, Ph.D, New Business Development Manager , Performance Chemicals, Cabot Corporation 用于先进电池的新型炭材料 雷汉伟博士，卡博特公司(美国)</p>	<p>Highly Safe Polymer Electrolyte Batteries---from Gel Electrolyte to All Solid State Electrolyte Guanglei Cui, Director, Qingdao Institute of Bioenergy and Bioprocess Technology, Chinese Academy of Sciences 高安全聚合物电解质电池-从凝胶到全固态 崔光磊，中国科学院青岛生物能源与过程研究所</p>
<p>17:15- 17:40</p>	<p>New Generation of Carbon Nanotube and Graphene Materials for Li-Ion Battery Applications Dr. Ou Mao, Cnano (Zhenjiang) Technology Limited, Zhengjiang, Jiangsu, China 用于锂离子电池的新一代碳纳米管及石墨烯材料</p>	<p>High Energy Density Lithium-Ion Ultra-capacitor Research Progress Cunman Zhang, Professor, Tongji University 高能量密度锂离子超级电容器研究进展 张春满教授，上海同济大学</p>

	毛鸥博士，天奈技术公司，中国江苏	
17:40-18:05	<p>Developing New Carbon Materials for Advanced Battery Applications with an unique Electro-thermal Fluidized Bed (EFB) technology</p> <p>Dr. Joseph Li, Superior Graphite, USA</p> <p>采用独特的电热流化床（EFB）技术研发的新型炭材料及其在先进电池的应用</p> <p>Joseph, 美国超级石墨公司(美国)</p>	<p>Introduction & Operation Analysis of Wind-PV –Energy Storage-Transmission Demonstration</p> <p>Hanmin Liu, Director, State Grid Xinyuan Zhangjiakou Wir and Solar Power Energy Demonstration Station Co. Ltd</p> <p>风光储输示范工程介绍及其典型运行模式分析</p> <p>刘汉民，主任，国家电网新源张家口风光储示范电站有限公司技术部</p>
May 26 (5月26日) Morning Session (上午会议安排)		
<p>Session 6 (Plum Blossom Hall, 梅花厅)</p> <p>Safety and reliability of xEV batteries</p> <p>动力电池/电池系统安全设计与可靠性专题</p> <p>Chairman: Huanyu Mao, Co-Chairman: Uwe WIEDEMANN</p>		
8:30-8:55	<p>Porous Electrode, Abuse Tests and Lithium Deposition</p> <p>Zhengming (John) Zhang, Celgard, USA</p> <p>多孔电极、滥用测试和金属锂析出</p> <p>张正铭，旭化成隔膜公司技术执行官（美国）</p>	
8:55-9:20	<p>Fail-Safe Measures for High Energy Li - Ion Battery EV's</p> <p>Dr. Huanyu Mao, Suzhou YouLion Batteries Inc., China</p> <p>EV 动力电池的“失效-安全”机制</p> <p>毛焕宇博士，苏州宇量电池有限公司</p>	
9:20-9:45	<p>Safety & Cost-Optimized Development of Battery Packs, Using the Example of Tesla Model S and Renault ZOE</p> <p>Dr. Uwe WIEDEMANN, Senior Product Manager, Global Battery Competence Team, AVL LIST GMBH, Austria</p> <p>以安全和经济适用为目标的电池组优化研发：以特斯拉的 S 型及雷诺的 ZOE 型为例</p> <p>Uwe WIEDEMANN 博士，AVL 公司，奥地利</p>	

9:45-10:10	<p>A solution on xEV power system featuring long life & high safety</p> <p>Zhiming Tong, Microvast Inc.</p> <p>基于快充长寿命与高安全的电动汽车动力系统解决方案</p> <p>仝志明, 副总裁, 微宏公司</p>
10:10-10:30	<p>Tea Break 茶歇</p>
<p>Session 7 (Plum Blossom Hall, 梅花厅)</p> <p>R & D progress of solid electrolyte & all solid batteries</p> <p>固体电解质与全固态电池研究进展</p> <p>Chairman: Chengdu Liang, Co-Chairman: Guohua Li</p>	
10:30-10:55	<p>Challenges and Progresses of Solid-State Li Metal Batteries</p> <p>Chengdu Liang, Ningde Contemporary Ampere Technology Limited, Fujian, China</p> <p>全固态锂电池的挑战与发展</p> <p>梁成都博士, ATL, 中国</p>
10:55-11:20	<p>All-solid-state thin-film battery using amorphous $\text{Li}_x\text{M}_y\text{PO}_z$ cathode material</p> <p>Dr. Guohua Li, Sony Corporation, Japan</p> <p>采用无定型 $\text{Li}_x\text{M}_y\text{PO}_z$ 正极材料的全固态薄膜电池</p> <p>李国华博士, 日本索尼公司</p>
11:20-11:45	<p>Recent progresses on solid polymer electrolytes based on lithium perfluorinated sulfonimide</p> <p>Dr. Zhibin Zhou, Key laboratory of Material Chemistry for Energy Conversion and Storage (Ministry of Education), School of Chemistry and Chemical Engineering, Huazhong University of Science and Technology, China</p> <p>新型氟磺酰亚胺锂盐固态聚合物电解质的研究进展</p> <p>周志彬博士, 教育部能量储存与转换重点实验室, 化学与化工学院, 华中理工大学</p>
11:45-12:10	<p>Novel safe electrolytes for Li-ion batteries</p> <p>Chunsheng Wang, Associate Professor, Department of Chemical & Bio molecular Engineering, University of Maryland, USA</p> <p>用于锂离子电池的新型安全电解质</p> <p>王春生博士, 美国马里兰大学 (美国)</p>

12:10-13:30	Lunch 午餐（自助餐）
<p style="text-align: center;">Session 8 (Plum Blossom Hall, 梅花厅)</p> <p style="text-align: center;">Industry Highlight 1: Production & application of graphene in practical batteries</p> <p style="text-align: center;">产业热点技术 1: 石墨烯的生产及其在电池产品中的应用</p> <p style="text-align: center;">Chairman: Li-Hsiang Perng, Co-Chairman: Gui-Ping Dai</p>	
13:30-13:55	<p>Update of Graphene application in motive power battery</p> <p>Prof. Gui-Ping Dai, Chief Scientist, Chaowei Group</p> <p>石墨烯在车用动力电池中应用的现状</p> <p>Gui-Ping Dai 教授, 超威集团首席科学家</p>
13:55-14:20	<p>The synergism of charge-transfer mechanisms by hybrid Polyaniline /Graphenenano composites-battery materials</p> <p>Dr. Li-Hsiang Perng, SILVER H-PLUS TECHNOLOGY CO., LTD</p> <p>混合聚苯胺/石墨烯纳米复合物电池材料的协同电荷迁移机理</p> <p>彭立祥博士, 银旺科技股份有限公司</p>
14:20-14:45	<p>Development of SuperC Graphene Products and Applications in Li battery & Supercapactor</p> <p>SuperC Technology Ltd.</p> <p>Dr. Qi Li, Super C Company, Ltd.</p> <p>鸿纳科技石墨烯产品的开发及其在锂电池和超级电容器上的应用</p> <p>李琦博士, 鸿纳(东莞)新材料科技有限公司</p>
<p style="text-align: center;">Session 9 (Plum Blossom Hall, 梅花厅)</p> <p style="text-align: center;">Industry Highlight 2: New materials/Process & Production Innovation</p> <p style="text-align: center;">产业热点技术 2: 新材料/新工艺、新生产技术</p> <p style="text-align: center;">Chairman: Xia Yongyao, Co-Chairman: MengJiang</p>	
14:45-15:10	<p>Stabilization of the layered transition-metal oxides LiMO₂ by introducing Li₂MnO₃</p> <p>Yongyao Xia, Department of Chemistry Institute of New Energy, iChEM, Fudan University, China</p> <p>通过导入 Li₂MnO₃ 来稳定富锂锰层状正极材料的结构</p>

	夏永姚博士，上海复旦大学，中国
15:10-15:35	<p>Development of High Area Loading and Stable Sulfur Electrode Through Interface Functionality Design for Lithium Sulfur Battery</p> <p>Gao Liu, Energy Storage and Distributed Resource Division, Energy Technologies Area, Lawrence Berkeley National Laboratory, Berkeley, USA</p> <p>通过功能性界面设计而研发出的用于锂硫电池的大面积稳定硫电极</p> <p>Gao Liu, 劳伦斯伯克利国家实验室（美国）</p>
15:35-15:55	<p>Optimizing materials of sealing adhesive& binder for EV battery module & pack</p> <p>Yong Zhang, Technical Manager, Hankel</p> <p>适用于动力电池系统组装材料的优选方案</p> <p>张勇，高级技术经理，汉高公司</p>
15:55-16:15	<p>Improvements of EV battery performance – process innovations and industrialization</p> <p>Dr. Meng Jiang, CNI OM Office</p> <p>动力锂电池的性能提升—新工艺及其工业化</p> <p>蒋濛博士，中南创发锂电事业部经理</p>
16:15-16:35	<p>Polymer battery drop test solution ---HMA tape</p> <p>Wang Yijin, Senior VP/R&D Leader, Dongguan Aozon Electronic Material Co., Ltd.</p> <p>聚合物电池抗跌落性能解决方案—HMA 粘接</p> <p>王宜金，东莞市澳中电子材料有限公司（德国）</p>
16:35-16:55	<p>Vacuum Expertise for LIB Manufacturing</p> <p>Klaus Buhlmann, Oerlikon Leybold Vacuum</p> <p>锂离子电池制造中的真空应用探索</p> <p>Klaus Buhlmann, 欧瑞康莱宝真空（天津）国际贸易有限公司（德国）</p>
16:55-17:15	<p>Online process monitoring Technique for ultrasonic metal welding in Lithium Battery industry</p> <p>Dr. Xinhua Shi, SBT Engineering Systems Co. Ltd.</p>

	<p>超声金属焊接过程在线监控技术在锂电池行业中的应用</p> <p>石新华博士，上海骄成机电设备有限公司</p>
17:15-17:30	<p>Close ceremony 会议闭幕式</p> <p>1. Announcement of “Young Excellent Poster Paper Award” List 评选委员会宣读“青年优秀墙报论文奖”获奖名单</p> <p>2. Present of Certification & Prize 向获奖人员颁发奖励证书与奖金</p> <p>3. Close remark 主席致闭幕词</p>

* Poster sessions: 墙报展示与时间

1) 12:30-13:30 and 17:30-18:50, each day among May 24, 25 and 26

自 24-26 日，每天午餐以及 17:30-18:50 期间；

2) Every poster shall leave a contact telephone number and the name of the responsible author for a potential viewer/person discussion at mutually convenient time during May 24-26

每位墙报作者在墙报结尾处留下联系电话或微信等，以便阅读者约定讨论时间；

3) “青年优秀墙报论文”评选适用于所有年纪 35 岁及其以下的墙报第一作者；所有提供墙报论文的学生（第一作者）都自动进入该范畴内。

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中国化学与物理电源行业协会
2016年4月22日