

2016 Annual Meeting of High-tech Lithium Battery & Electric Vehicle

Global vision and national strategy

New pattern, new thought and new trend

Venus royal hotel (former Kirin Parkview Hotel) on December 7-9 2016

Hosted by: GGLB, GGEV

Agenda

Date	AM	PM	Evening
December 7	Opening ceremony of the conference	Special meeting of materials/batteries	CEO Fireside Chat
December 8	Special meeting of PACK	Special meeting of equipment and intelligent manufacturing	
December 9	Overseas special meeting	Hi-tech electric Vehicle annual meeting	2016 hi-tech golden globe awards ceremony Gaogong Industry Research Industry 10th anniversary celebration

December 7(Wednesday)

Opening report: future of Electric Vehicles under varying challenges

开幕报告:《变局挑战下的纯电动未来》

- **Incorporation trends of supply chain and choices for enterprise strategy**

供应链整合趋势与企业战略抉择

- **2020 cut-off point and industrial chain pattern profile**

2020 分界点与产业链格局成型

- **Who is king for next pure electric era?**

谁是纯电动时代的下一个王者?

GGII President Dr.Jack Zhang

高工产研 董事长 张小飞博士

09:00-09:30

(一) Sponsor: Guoxuan Hi-tech Opening meeting: challenges under varying

国轩高科 冠名 开幕式大会: 产业变局下的挑战

Host: Dr.Jack Zhang (GGII President)

主持人: 高工产研 董事长 张小飞博士

09:30-09:45	China Globalization & Globalized China 中国的全球化和全球化的中国	Guoxuan Hi-tech CEO - Fang Jianhua 国轩高科 总裁 方建华
09:45-10:00	Methods To Integrate Vertical Electric Vehicles Industry Chain 新能源汽车产业链垂直整合之道	EVE President - Liu Jincheng 亿纬锂能 董事长 刘金成
10:00-10:15	Closed-Loop Industry Chain With LTO 钛酸锂“闭合式”循环产业链战略布局	Yinlong President - Wei Yincang 珠海银隆 董事长 魏银仓
10:15-10:30	From Lead-Acid Battery To Li-Ion Battery: Light + Integration 从铅酸到锂电, 轻装上阵+产业链整合	Dynavolt President - Chen Lewu 猛狮科技 董事长 陈乐伍
10:30-10:45	From Materials To Battery Recycling: Shared Value Chain, Shared Competitiveness 从材料到电池回收: 共建价值链, 共享竞争力	GEM President - Xu Kaihua 格林美 董事长 许开华
10:45-11:00	Lightweight, Standardization, Normalization of Power System 动力系统的轻量化、标准化、规范化	Chery Assistant General Manaer - Ni Shaoyong 奇瑞新能源 副总经理 倪绍勇
11:00-11:15	Smart World: 2.0 Era Of Electric Vehicles 智能网联: 新能源汽车的 2.0 时代	BAIC R&D Vice President - Rong Hui 北汽集团新技术研究院副院长 荣辉
11:15-12:00	Round table dialogue 圆桌对话 <ul style="list-style-type: none">● What is the power battery direction of “Made in China”? 动力电池中国制造“路在何方”?● New Direction Of Electric Vehicle Industry Chain Ecosystem 新能源汽车产业生态模式新方向	

(二) Sponsor: Solutia Therminol Special Meeting: Developing Trend Of Li-Ion Battery Materials

首诺 冠名 专场: 锂电池材料未来的发展趋势

Host: Huang Xuejie, Researcher in the Institute of Physics, Chinese Academy of Sciences (ASIPP)

主持人：中国科学院物理研究所研究员 黄学杰

13:30-13:45	Promote Cathode Material Properties Through Wet Precision Coating 通过湿法精密包覆提升正极材料特性	Tianli Energy 山中厚志 天力锂电 山中厚志
13:45-14:00	How To Do Anode Materials Well? 负极材料如何实现“内外兼修”	Sinuo President - Bao Haiyou 斯诺实业 董事长 鲍海友
14:00-14:15	The Application Of Heat Conduction Oil In Li-Ion Battery Industry 导热油在锂电行业的应用	Solutia Therminol Technical Director - Chen Hao 首诺 技术总监 陈浩
14:15-14:30	NCM Partner: Electrolyte With High Safety And High Energy Density 三元伴侣：高安全、高能量密度动力电池电解液	Tinci CTO - Yule 天赐材料 CTO 余乐
14:30-14:45	Research On High Performance Li- Ion Battery Electrolyte 高性能锂离子动力电池电解液研究	Hirong Assistant General Manager - Dr. Li Lifei 山东海容 副总经理 李立飞博士
14:45-15:00	BenQ Materials: PP/PE/PP Coating Separator 明基材料PP/PE/PP三层共挤涂覆隔膜技术	BenQ Materials Division Head - Su Yandeng 明基材料 处长 苏炎灯
15:00-15:15	Thermal Management Solution On Safety Power Battery 动力电池安全经济的热管理方案	Jinxiang General Manager - Cheng Jingjiang 净相科技 总经理 程镜江
15:15-16:00	Round table dialogue <ul style="list-style-type: none">● Promotion Methods To The Safety And Range Of Power Battery 动力电池安全与续航性能的提升路径● Development Trend Of Li-Ion Battery Materials 动力电池相关材料的技术发展趋势	

(三) Sponsor: Teamgiant Special Meeting: Cold Thinking When Massive Demands On Power Battery

天劲股份 冠名 专场：需求井喷下的动力电池冷思考

Host: Huang Xuejie, Researcher in the Institute of Physics, Chinese Academy of Sciences (ASIPP)

主持人: 中国科学院物理研究所研究员 黄学杰

16:00-16:15	Power Battery's Consistency & Reliability From Manufacturing And Testing 从制造和测试, 看动力电池一致性、可靠性	Teamgiant President - Zeng Honghua 天劲股份 董事长 曾洪华
16:15-16:30	Power Battery Competitiveness: Innovation, Quality 动力电池的竞争力要靠创新和品质	Highstar President - Shen Xiaoyan 海四达 董事长 沈晓彦
16:30-16:45	Embrace The Gap Between China And Abroad, Face The Coming Market Competition 正确看待国内外差距, 应对下一步市场竞争	Melsen President - Qiu Zeyou 妙盛动力 董事长 邱则友
16:45-17:00	Power Battery'S Safety And Range From Materials Views 从材料体系看动力电池的安全和续航博弈	Yuhuang President - Wang Ying 玉皇新能源 董事长 王瑛
17:00-17:15	Power Battery Health Secret- SOP & SOC 动力电池“养生”秘诀在于 SOP 与 SOC	Chaosiwei Assist. General Manager- Wen Yi 超思维 副总经理 文艺
17:15-17:30	How To Improve Battery Safety With Adhesive 看胶粘剂如何提升电池系统安全性能	Huitian Technical Director - Zhang Yinhua 回天新材 技术总监 张银华
17:30-18:15	Round table dialogue 圆桌对话 <ul style="list-style-type: none">● What's The Bottlenecks on the Performance of Power Battery? 动力电池性能优化的关键瓶颈有哪些?● Opportunities & Challenges on Access Permission Mechanism by Government. 动力电池准入机制带来的机会与挑战	
18:15-20:30	CFLD·CEO Fireside Chat (invited guests) 华夏幸福·CEO夜话 (定向邀请嘉宾)	

December 8(Thursday)

(四) Sponsor: GDlaser Special Meeting: Safety & Range From System Point Of View

光大激光 冠名 专场: 从系统角度看动力电池安全与续航

Host: Zheng Liyao (GGII General Manger)

主持人：高工产研 总经理 郑利瑶

09:00-09:15	Next 5 Years: LFP & NCM Coexist 动力电池未来五年：磷酸铁锂与三元并存	National Battery General Manager - Guo Wei 国能电池 总经理 郭伟
09:15-09:30	From Battery Lifecycle To See LTO 从电池全生命周期“正确”看待钛酸锂	Microvasthz R&D Vice President - Liu Wenjuan 微宏动力 研发副总裁 刘文娟
09:30-09:45	Size Of Unity And Standardization: Direction Of Power Battery 动力电池规格尺寸统一和标准化是大势所趋	ZTT Assistant Chief Engineer - Xu Zhou 中天储能 副总工 徐洲
09:45-10:00	The Integrated Safety Control Design Of Power Battery Module 动力电池模块级的安全控制一体化设计	SINOEV CEO - Zhou Peng 华霆动力 CEO 周鹏
10:00-10:15	The Application Of BMS Hardware In Loop Simulating Technology BMS 硬件在环仿真测试技术应用分析	Guoxin Power Assistant General Manager - Deng Jie 国新动力 副总经理 邓杰
10:15-10:30	Safety Solution With Organic Silicon Encapsulating Materials 动力电池有机硅封装材料安全解决方案	Guibao Chief Engineer - Xiong Ting 硅宝科技 技术总工 熊婷
10:30-10:45	New Energy Industry Strategic Layout: “Laser + Automation” “激光+自动化”的新能源产业战略布局	GDlaser Technical Director - Lu Xiaobing 光大激光 技术总监 陆小兵
10:45-11:00	Development Trend Of Power Battery From Vehicles Views 从整车厂看动力电池技术发展趋势	Hezhong Assistant General Manager - Peng Qingfeng 合众新能源汽车 副总经理 彭庆丰
11:00-12:00	Round table dialogue 圆桌对话 <ul style="list-style-type: none">● Marketization Road Map Of High-Energy-Density Battery 动力电池高比能量提升的“市场化”路线图● Safety Promotion Bottlenecks From Cell, Module To The Whole System 从单体模块到系统，安全性能提升的瓶颈	

(五) Sponsor: HAN'S Laser Special Meeting: Localization of li-ion battery equipment

大族激光 冠名 专场: 锂电设备的国产化进程

Host: Dr.Jack Zhang (GGII President)

主持人: 高工产研 董事长 张小飞博士

13:30-13:45	Li-Lion Battery Equipment Upgrading: High-End, Intelligent And Internationalization 锂电设备国产升级: 高端化、智能化、国际化	Lead President - Wang Yanqing 先导智能 董事长 王燕清
13:45-14:00	Drying Process: Automation & Intelligence under Industry 4.0 干燥工艺:工业 4.0 下的全自动化、智能化	Time High-tech President - Tian Hanrong 时代高科 董事长 田汉溶
14:00-14:15	Promote Intelligent Level Of Li-Ion Battery Production From Coating 从涂布环节提升锂电池生产的智能化水平	Ketop General Manager - Qi Xiaodong 新嘉拓 总经理 齐晓东
14:15-14:30	How To Replace Imported Winding Machine? 怎样才能做好“比肩”甚至替代进口的卷绕机	Xing Cheng Jie President - Guo Dehong 兴诚捷 董事长 吕德红
14:30-14:45	Power Battery Safety: Electrodes Burr, Dust Solution 动力电池安全之思考——极片毛刺粉尘解决	Sunive General Manager - Li Hongjing 新宇机械 总经理 李红竞
14:45-15:00	Perception And Inspiration When Producing High-Speed Cutting Machine For LG Chemistry 千里马公司为韩国LG化学公司制造高速分切机的感悟与启示	Qianlima General Manager - Xie Jinwen 千里马 总经理 谢敬文
15:00-15:15	Explore And Research Progress On Energy-Saving Testing Equipment 节能型检测设备领域的技术探索 and 研发进展	Jing Jie Neng General Manager - Tang Youyuan 精捷能 总经理 汤酉元
15:15-16:00	Round table dialogue 圆桌对话 <ul style="list-style-type: none">● What's The Opportunities Of Home-Made Equipment? 国产锂电池设备的新一轮机会点有哪些?● How Long Will Last From Market Sharing To Fully Replacement For Home-Made	

And Imported Equipment?

- 国产与进口，从平分天下到完全替代，还有多远距离？

(六) Sponsor: HAN'S Laser Special Meeting: Battery Production Line Smart Upgrade Battle

大族激光 冠名 专场：动力电池整线“智造”升级战

Host: Dr.Jack Zhang (GGII President)

主持人：高工产研 董事长 张小飞博士

16:00-16:15	Intelligent Manufacturing For Power Battery 动力电池智能制造的“合纵连横”	HAN'S Laser Vice President - Huang Xianghu 大族激光 副总裁 黄祥虎
16:15-16:30	Auto Packing Trend At The End Of Li-Ion Battery 锂电池中后段自动组装线技术趋势	Anwha Senior Key Account Manager - Yang Mingsheng 昂华自动化 大客户高级经理 杨明生
16:30-16:45	li-ion battery manufacturers' information construction under Industry 4.0 工业 4.0 概念下的锂电企业信息化建设	Universal Data Technical Director - Li Zhonghai 宇航软件 技术总监 李忠海
16:45-17:00	Consistency improvement with auto packing line 自动pack线助理动力电池一致性提升	Bosside General Manager - Wei Xiaodong 苏州博西德 总经理 魏小东
17:00-17:45	Round table dialogue 圆桌对话 <ul style="list-style-type: none">● Variance productivity between actual and planned one in auto production line. 全产线自动化的实际产能效率与理想的差距● How long will we to go from single operation automation to whole line automation? 从单工序的无人化到工厂自动化，还有多久？	