

International Symposium of Young Scientists on Next-Generation Batteries 2015 (Hunan University)

7月31号	会议报到: 交注册费、领资料、领取发票 (集贤宾馆大厅, 下午 2:00-)	
8月1号	会议报到: 交注册费、领资料、领取发票 (集贤宾馆大厅, 上午 8:00-12:00)	
8月1号上午	地点: 会场 1 开幕式主持人: 马建民	
8:30-8:40	曹一家 副校长 (湖南大学)	致欢迎辞
8:40-8:50	俞汝勤 院士 (湖南大学)	致 辞
8:50-9:00	俞术雷 博士 (卧龙岗大学)	致 辞
地点: 会场 1 大会报告 (第 1 节) 主持人: 郭再萍		
9:00-9:40	黄云辉 (华中科大)	Functionalized Carbon Materials for High-Performance Energy Storage
9:40-10:20	周 震 教授 (南开大学)	Electrocatalytic Conversion of CO ₂ : From MCO ₃ Anodes for Li Ion Batteries to Rechargeable Li-CO ₂ Batteries
10:20-10:40	合影、茶歇	
地点: 会场 1 大会报告 (第 2 节) 主持人: 黄云辉		
10:40-11:20	郭再萍 (卧龙岗大学)	Hybrid Nanostructures for Lithium and Sodium Storage
11:20-12:00	范红金 (南洋理工大学)	High-Rate and Ultrastable Supercapacitors with Metal Carbide and Nitride Nanostructures
12:00-1:40	午餐 (集贤宾馆)	
8月1号下午	地点: 会场 1 (第 1 节) 主持人: 付永柱、张 强	
2:00-2:20	付永柱 (印第安纳大学与普渡大学印第安纳波里斯联合分校)	Rational Design of Li ₂ S Cathodes for Rechargeable Li-S Batteries
2:20-2:40	张 强 (清华大学)	Hierarchical Carbon for Lithium-Sulfur Batteries with High Energy Density and Long Cycle Life
2:40-3:00	陈人杰 (北京理工大学)	New Sulfur Composite Materials for Lithium-sulfur Batteries with High Specific Energy
3:00-3:20	张洪章 (大连化物所)	Material Research & Development for Li/S batteries with High Specific Energy Density
3:20-3:35	齐鹏飞 (北京理工大学)	原位合成的 Si@MOF 复合纳米材料在锂离子电池中的应用
3:35-3:50	梁 鑫 (卧龙岗大学)	Rapid Hydrothermal Synthesis of Li ₃ VO ₄ with Different Favored Facets as A High Energy Insertion

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		Anode Material for Lithium Ion Batteries
3:50-4:05	张 晶 (南开大学)	Ionic Liquid-Based Synthesis of Cotton-like CuS Microspheres for Application in Supercapacitors
4:00-4:20		茶歇
地点: 会场 1 (第 2 节) 主持人: 董晓晨、王 博		
4:20-4:40	董晓晨 (南京工业大学)	A MOF Route to in-situ Synthesis of Porous Multicomponent Dodecahedron with Hollow Interiors for Enhanced Lithium-ion Battery Anodes
4:40-5:00	王 博 (北京理工大学)	金属有机骨架材料在绿色电源和储能领域的应用
5:00-5:20	焦丽芳 (南开大学)	Single-crystal Mini-hollow Polyhedron Mn ₂ O ₃ Derived from MOFs as High-Performance Lithium Anode Material
5:20-5:40	刘 黎 (湘潭大学)	Synthesis of Titanium Based Anode Materials for Lithium and Sodium ion Batteries
5:40-6:00	刘 昊 (核九院材料所)	Nitrogen Doping Effect of Carbon Nanotubes and Their Application in Energy Conversion and Storage
6:00-		欢迎宴 (集贤宾馆)
8月1号下午		地点: 会场 2 (第 1 节) 主持人: 周震、江浩
2:00-2:20	江 浩 (华东理工大学)	Novel Hierarchical Nanostructured Electrode Materials Fabricated by Confined Reaction
2:20-2:40	夏 晖 (南京理工大学)	Hierarchical Heterostructures as Promising Electrodes for Supercapacitors
2:40-3:00	陈卫华 (郑州大学)	Design of Materials with Non-uniform Element Distribution for Electrochemical Energy Storage Applications
3:00-3:20	赵崇军 (华东理工大学)	Direct Construction of Nickel Oxides(sulfides)/RGO-based Nanocomposites on Ni foam and Their Supercapacitor Performances
3:20-3:40	王庆红 (江苏师范大学)	Fabrication of Mesoporous Zinc Cobaltite with Improved Supercapacitive Properties
3:40-4:00	朱 挺 (新加坡国立大学)	Design and Fabrication of Hollow Nanocolloids for Supercapacitors
4:00-4:20		茶歇
地点: 会场 2 (第 2 节) 主持人: 王先友、木士春		
4:20-4:40	王先友 (湘潭大学)	Design and Strategy to Improve Lithium-rich Cathode Material Properties of Li-ion Battery
4:40-5:00	潘安强 (中南大学)	Vanadium Based Cathode Materials for Lithium Ion Batteries

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5:00-5:20	木士春 (武汉理工大学)	3D Li ₂ FeSiO ₄ for High-Performance Lithium-Ion Batteries
5:20-5:40	赵永男 (天津工业大学)	High Performance of Li ₂ FeSiO ₄ /C Composite as Cathode Material for Lithium-ion Batteries
5:40-6:00	李驰麟 (中科院硅酸盐所)	Exploring novel structure prototype and reaction mechanism to improve storage performance of Na-based batteries
6:00-	欢迎宴 (集贤宾馆)	
8月1号下午	地点: 会场3 (第1节) 主持人: 王红霞、李先锋	
2:00-2:20	刘美男 (苏州纳米所)	High energy density lithium/sulfur batteries based on Li ₂ S@C nanocomposites
2:20-2:40	孙文涛 (北京大学)	Transparent conducting oxide free hybrid perovskite solar cells
2:40-3:00	李先锋 (大连化物所)	Flow Battery: Research Development and Challenge
3:00-3:20	胡林华 (中科院合肥物质科学研究院)	Light Trapping in Submicrospheres Based Photoelectrode of Dye-sensitized Solar Cells
3:20-3:40	王红霞 (昆士兰科技大学)	Improved performance of perovskite solar cells through material engineering
3:35-3:55	王海珍 (中南大学)	Synthesis of Poly(triphenylamine-2,2'-bithiophene) Dyes and its Photovoltaic Performance for Dye-sensitized Solar Cells
4:00-4:20	茶歇	
	地点: 会场3 (第2节) 主持人: 曹玉良、郭向欣	
4:20-4:40	曹余良 (武汉大学)	钠离子电池正负极材料的研究
4:40-5:00	薛欣宇 (东北大学)	自充电电池及其压电-电化学过程
5:00-5:20	郭向欣 (中科院硅酸盐所)	Rechargeable Li Batteries Based on Garnet-Type Solid Electrolytes
5:20-5:40	王海燕 (中南大学)	Current Progress of Aqueous Li-ion Battery
5:40-6:00	王慧奇 (中北大学)	Fabrication of Boron-doped Carbon Fibers with Enhanced Lithium Storage Properties Using the Vapor Boron
6:00-	欢迎宴 (集贤宾馆)	
8月2号上午	地点: 会场1 (第1节) 主持人: 周亮、杨树斌	
8:00-8:20	周亮 (武汉理工大学)	Rational Design of High-Capacity Anode Materials for Lithium Ion Batteries -- A Case Study of Iron Oxides

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8:20-8:40	王双印 (湖南大学)	Surface Engineering of Two-dimensional Electrocatalysts
8:40-9:00	杨树斌 (北京航空航天大学)	Harnessing the Unique Properties of Graphene to Design and Fabricate High-Performance Electrode Materials for Energy Storage and Conversions
9:00-9:20	鲁兵安 (湖南大学)	High-Performance Rechargeable Aluminum Battery
9:20-9:40	刘 军 (中南大学)	Synthesis of Mo ₂ N Nanolayer Coating MoO ₂ Hollow Nanostructures as High-Performance Anode Materials for Lithium-Ion Batteries
9:40-10:00	张 明 (湖南大学)	Binder-free Anodes for LIBs Based on Carbon Fibers
10:00-10:20	茶歇	
地点: 会场 1 (第 2 节) 主持人: 刘金平、徐 斌		
10:20-10:40	刘金平 (武汉理工大学)	Metal Oxide-Based Nanostructure Arrays for Electrochemical Energy Storage Devices
11:40-11:00	李君涛 (厦门大学)	Novel Binders for Si Based Anodes of Lithium ion Batteries
11:00-11:20	徐 斌 (北京化工大学)	Hard Carbon Anode Materials for Sodium Ion Batteries
11:20-11:40	雍阳春 (江苏大学)	Microbial Fuel Cells: New Platform for Waste Energy Harvesting and Self-Powered Biosensing
11:40-12:00	梁砚琴 (天津大学)	Design of Molybdenum oxide and sulfide for Highly Efficient Oxygen and hydrogen Evolution
12:00-13:40	午餐 (集贤宾馆)	
8月2号上午 地点: 会场 2 (第 1 节) 主持人: 纪效波、王开学		
8:00-8:20	纪效波 (中南大学)	Cathodically Induced Antimony for Rechargeable Li-ion and Na-ion Batteries: The Influences of Hexagonal and Amorphous Phase
8:20-8:40	黄镇东 (南京邮电大学)	Self-Assembling of Porous Hierarchical Nanomaterials and their Electrochemical Li-ion Storage Behavior
8:40-9:00	王开学 (上海交通大学)	Controlled Preparation and Surface Modification of Electrode Materials for Lithium Ion Batteries
9:00-9:20	庄全超 (中国矿业大学)	Challenges for Applying EIS for the Research and Production of Lithium-Ion Battery
9:20-9:40	来琳斐 (南京工业大学)	Binary Metal Sulfide and Polypyrrole on Vertically-aligned Carbon Nanotubes Array/carbon Fiber Paper as High-performance Electrodes

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9:40-10:00	段华南 (上海交通大学)	含锂石榴石的研究进展及展望
10:00-10:20	茶歇	
地点: 会场 2 (第 2 节) 主持人: 李祥龙、苏大伟		
10:20-10:40	李祥龙 (国家纳米中心)	Carbon-Inorganic Nanohybrids for Lithium-Ion Batteries
11:40-11:00	郝凯 (剑桥大学)	High Energy Density Sulfur-Based Composite Cathodes for Lithium-Sulfur Batteries
11:00-11:20	苏大伟 (悉尼科技大学)	Anatase TiO ₂ - Better Anode Material than Other Phases of TiO ₂ for Na-ion Batteries
11:20-11:40	姜银珠 (浙江大学)	Spatially-Confined Lithiation/Delithiation towards Advanced Li-ion Batteries
11:40-11:55	胥亚楠 (南开大学)	Facile Preparation of Porous Cobalt Manganese Oxide Nanowires with Superior Electrochemical Properties in Supercapacitors
12:00-13:40	午餐 (集贤宾馆)	
8月2号上午	地点: 会场 3 (第 1 节) 主持人: 张进涛、施志聪	
8:00-8:20	张进涛 (山东大学)	Heteroatom Doped Carbon Foam Makes Good Battery Catalysts
8:20-8:40	施志聪 (广东工业大学)	Advanced Sulphur composites for High-performance Li-S Batteries
8:40-9:00	瞿佰华 (厦门大学)	Design of SnS ₂ -rGO Composite for High-Performance NIBs Anode Material and Investigating the Energy Storage Mechanism
9:00-9:20	黄凯 (湘潭大学)	Design of Compositing Nanostructures via Electrostatic Interaction for Lithium-ion Batteries Application
9:20-9:40	刘晓旭 (黑龙江科技大学)	A Low-Cost and One-Step Synthesis of N-doped Monolithic Quasi-Graphene Films with Porous Carbon Frameworks for Li-ion Batteries
9:40-10:00	王云晓 (卧龙岗大学)	Uniform Yolk-Shell FeS@C Nanospheres for Superior Sodium/Iron Sulfide Batteries with Ultrahigh Energy Density
10:10-10:20	茶歇	
地点: 会场 3 (第 2 节) 主持人: 刘浩、向中华		
10:20-10:40	李明齐 (西华师大)	蛋黄蛋壳结构的 SiO _x /C 纳米复合球作锂离子电池负极的电化学性能

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10:40-11:00	刘浩 (悉尼科技大学)	Porous Carbon Based Composites for Energy Storage and Conversion
11:00-11:20	刘相红 (青岛大学)	Nanomembranes for High Performance Lithium Ion Batteries
11:20-11:40	向中华 (北京化工大学)	Covalent Organic Polymers (COPs) for Energy Conversion and Storage
11:40-12:00	李红亮 (青岛大学)	Application of Spray Technique to The Preparation of Porous Carbon and Composite Microspheres
12:00-13:40	午餐 (集贤宾馆)	
8月2号下午	地点: 会场1 主持人: 麦立强、郭玉国	
2:00-2:20	周小春 (中科院苏州纳米所)	Electrochemical Reaction Mechanism on Single Nanoparticle
2:20-2:40	季恒星 (中国科技大学)	Three-dimensional Covalently-boned sp^2 Carbon Networks for Electrochemical Energy Storage
2:40-3:00	曹安民 (中科院化学所)	Formation of Uniform Shell on Cathode Materials for Improved Battery Performance
3:00-3:40	麦立强 教授 (武汉理工) 大会报告	Nanowire Devices for Electrochemical Energy Storage
3:40-4:20	郭玉国 教授 (化学所) 大会报告	Advanced Electrode Materials for Rechargeable Metallic Li, Na-Ion, and Mg-Ion Batteries
2:00-4:20	墙报展览 (会场2)	
4:20-4:30	地点: 会场1 闭幕式: 墙报颁奖	

会议提示

会议地点: 集贤宾馆 (湖南大学校内, 会议报到地点) 会议推荐住宿: 集贤宾馆、天穆大酒店 (紧靠湖南大学)

会议交通路线:

长沙火车站至湖南大学 出租车: 约 25 元; 公交车至麓山南路站 (湖大体育场旁): 旅 1、202 路; 立珊专线

长沙高铁站至湖南大学 出租车: 约 45 元; 乘坐地铁 2 号线至溁湾镇站, 转乘旅 1、202 路、立珊专线

长沙黄花国际机场至湖南大学 出租车: 约 100 元; 机场大巴至民航大酒店 (16 元, 靠近火车站), 换乘旅 1、202 路、立珊专线

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