



International Conference on Electrochemical Energy Science and Technology (EEST2016)

August 16-22, 2016, Kunming, Yunnan, China

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International Conference on Electrochemical Energy Science and Technology

Hosted by Kunming University of Science and Technology (KUST) and International Academy of Electrochemical Energy Science (IAOEES);

Co-organized by Yancheng Institute of Technology (YCIT) and Shanghai University (SHU, College of Sciences)

Conference Chairs

ZHANG, Yingjie KUST, China

SUN, Andy (Xueliang) IAOEES & Western University of Ontario, Canada

Scope

The International Conference on Electrochemical Energy Science and Technology 2016 (EEST2016) is the third conference organized by the International Academy of Electrochemical Energy Science (IAOEES). The technical program of EEST2016 will have plenary talks, invited speeches and poster presentations focusing on electrochemical energy research, development and applications. This conference will be a venue for energy storage and conversion technologies employing electrochemical methods, such as fuel cells, batteries, supercapacitors, electrolysis, and so on. The objective of this conference is to stimulate fundamental and applied research on electrochemical energy.

Conference Topics

Topics including but not limited to:

- **Fuel Cells:** PEMFC, DMFC, DEFC, SOFC, etc.
- **Batteries & supercapacitors:** Li-ion, Li-S, Na-S, Na-ion, metal-air, advanced lead-acid, flow batteries, supercapacitors.
- **Electrolysis & hydrogen:** Electrolyzers, photo-electrochemical cells, CO₂ electroreduction, advanced chloro-alkaline.
- **Electrochemistry energy fundamentals:** Electrochemical theories, electrocatalysis, electroanalysis, electropolymerization, electrosynthesis.

- **Advanced electrochemical materials (nanomaterials):** Electrode/electrolyte materials synthesis, characterization and performance validation as well as fundamental understanding.
- **Electrochemical energy industry:** Electrochemical energy production materials, devices and systems, their engineering, designs, manufacture, and fabrication, as well as related theories, processes and applications.

Conference Venue & Call-for-Papers

The conference will be held at Kunming University of Science and Technology, located in beautiful Kunming, Yunnan, China. Call-for-Papers will be announced shortly. English is the official language of the conference.

Important Dates

May 15, 2016	Deadline for abstract submission
May 31, 2016	Notification of abstract acceptance
June 15, 2016	Last day for early bird registration
July 1, 2016	Registration deadline for presenters

Registration Fee (in USD)

Date	Regular*	Student*
Prior to June 15, 2016	500	350
Until July 15, 2016	560	390
After July 15, 2016	625	430

* IAOEES Members/Student Members with paid membership are entitled for \$75/\$50 discount.

Contact Us

E-mail: eest2016@iaoees.org

Website: <http://www.iaoees.org/events/EEST2016/home.php>



International Academy of Electrochemical Energy Science (IAOEES)

Confirmed Plenary Speakers*



Dr. Shi-Gang Sun is a Professor at the department of Chemistry of Xiamen University. Dr. Sun is a Member of Chinese Academy of Science (中国科学院院士), former president of Chinese Electrochemical Society, Fellow of International Society of Electrochemistry (FISE), and Fellow of Royal Society of Chemistry (FRSC). Dr. Sun obtained his Bachelor of Science from Xiamen

University, China, in 1982, Doctorat d'Etat (Docteur ès Sciences Physiques) at the Université Pierre et Marie Curie (Paris VI) in 1986. After one year post-doctoral research in the Laboratoire d'Electrochimie Interfaciale du CNRS, France, he returned to China by the end of 1987, and served as associate professor, and later full professor in 1991 at the department of Chemistry of Xiamen University. Prof. Sun's research interests include Electrocatalysis, Electrochemical Surface Science, Spectroelectrochemistry, Nanomaterials and Chemical power sources. He has published up to now 371 peer reviewed papers, including Science, Angew. Chem. Int. Ed., J. Am. Chem. Soc., J. Phys. Chem, J. Chem. Phys., Langmuir, Chem. Commun., Electrochim. Acta, etc. He has obtained 12 innovation patents, co-authored 2 books entitled respectively "In-Situ Spectroscopic Studies of Adsorption at the Electrode and Electrocatalysis" (Elsevier, 2007) and "Electrocatalysis" (Chinese Chemical Engineering Press, 2014), and contributed by invitation 16 chapters to 14 scientific books. Dr. Sun has been awarded the "Distinguished Contribution Award" from the Chinese Society of Electrochemistry (CSE, 2009), the "Brian Conway Prize" from the International Society of Electrochemistry (ISE, 2010), and the State Natural Science Award (2nd Degree) of China (2013). Dr. Sun is now an editorial board member of Journal of Electroanalytical Chemistry, Functional Materials Letters, and International Journal of Analytical Chemistry. He is also serving as associate editor of Electrochimica Acta (Elsevier), Journals of Physical Chemistry (Chinese), Spectral Analysis and Spectroscopy (Chinese), and Editor-in-Chief of the Journal of Electrochemistry (Chinese). He is a Board Committee Steering member of the International Academy of Electrochemical Energy Science (IAOEES).



Dr. Khalil Amine is an Argonne Distinguished Fellow and Manager of the Advanced Battery Technology programs at the Argonne National Laboratory, where he is responsible for directing the research and development of advanced materials and battery systems for HEV, PHEV, EV, satellite, military and medical applications. Dr. Amine currently serves a committee member of the U.S. National Research Consul, US

Academy of Sciences on battery related technologies. He is also the president of IMLB LLC and international automotive battery conference. Among his many awards, Dr. Khalil is a 2003 recipient of Scientific America's Top Worldwide 50 Researcher Award, a 2009 recipient of the US Federal Laboratory Award for Excellence in Technology Transfer, and is the five-time recipient of the R&D 100 Award, which is considered as the Oscar of technology and innovation. In addition, he was recently awarded the ECS battery technology award and the international battery association award. Dr. Amine holds or has filed over 140 patents and patent applications and has over 378 publications. From year 2000, Dr. Amine is the most cited scientist in the world in the field of battery technology. He is also an associate editor of Nano-Energy Journal.



Dr. M. Stanley Whittingham is a SUNY Distinguished Professor of Chemistry and Materials at Binghamton University, where he leads the Dept. of Energy's NorthEast Center for Chemical Energy. He is a Fellow of both the Materials Research Society and the Electrochemical Society. He received the BA, MA and D. Phil. Degrees from Oxford University in Chemistry, following which he spent four years as

a research associate in the Materials Science & Engineering Department at Stanford University. There he studied fast ion transport in solids, using mixed conducting oxides as the ionically reversible electrodes for the study of a range of beta aluminas. For this work he received the Young Author award of the Electrochemical Society in 1972. Moving to Exxon he discovered using the same mixed conducting oxides the critical role of intercalation reactions for rechargeable batteries. Based on his inventions, Exxon built in the mid-1970s the first commercial Li-ion batteries, which were based on a Li-Al anode and a TiS₂ cathode. In 1988 he joined the faculty of SUNY to lead an effort in Materials Chemistry. There he pioneered hydrothermal approaches to the synthesis of advanced materials, including the formation of a range of oxides and the olivine phases. His most recent research is emphasizing cathode materials that can incorporate two lithium ions. He has received numerous awards for his lifetime contributions to chemistry and battery research including the NAATBaate Technology, IBA Yeager, ACS NERM and ACS Binghamton, SUNY Chancellor, ECS Battery Research and Lois DeFleur awards. Greentech placed him among the 40 all-time innovators in advancing green technology.



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Dr. Jun Chen is a Cheung Kong Scholar Professor at Nankai University (China). He is the Deputy Dean of College of Chemistry and the Director of Key Laboratory of Advanced Energy Materials Chemistry (Ministry of Education) at Nankai University, and the Chairman of the Chinese Society of Electrochemistry (2015-2019). He obtained his B.Sc. and M.Sc. degrees

from Nankai University in 1989 and 1992, respectively, and his Ph.D. from Wollongong University (Australia) in 1999. He held the NEDO fellowship at National Institute of AIST Kansai Center (Japan) from 1999 to 2002. He has been working as the chair professor on energy chemistry in Nankai University since 2002. His research activity focuses on nanomaterials electrochemistry, batteries, fuel cells and solar cells. As the corresponding author, he has published 230 SCI journal papers with citation times exceeding 15000 and H-index 60. With 8 edited books on energy chemistry and advanced batteries, he is also co-inventors of 30 (CN, US, and EU) patents. He has been awarded Eward Wicke International Metal Hydride Prize (2002), the Outstanding Young Scientists (2003), the Cheung Kong Scholars (2005), Tianjin Natural Science 1st Prize (2006), Chinese Electrochemistry Young Prize (2007), General Motors (China) Investment Award (2009), National Natural Science Award (2nd class) (2011), and Chinese Electrochemistry Contribution Award (2013). He is a member of the Editorial Board of Materials Horizons, Nano Research, Solid State Sciences and Journal of Energy Chemistry.



Dr. Jun Liu is the Division Director for the Energy Processes and Materials Division and a Laboratory Fellow at the Pacific Northwest National Laboratory (PNNL), a Fellow of the American Association for the Advancement of Science (AAAS) and a Fellow for the Materials Research Society (MRS). He obtained his BS Degree from Hunan University (1982) and Ph.D. degree from University of Washington (1990).

Dr. Liu's main interest is in synthesis and characterization nanostructured materials and applications for energy, environments and health. He is particularly interested in developing a general theory for synthesis and assembly across multiple scales, and in developing new materials for energy storage and electrochemical devices. He has more than 350 peer reviewed publications, and has been recognized by Thomson Reuters as a top 1% highly cited researcher in engineering, chemistry and materials science. He has been named a Distinguished Battelle Inventor, PNNL Inventor of the Year and has twice received BES Awards for Significant Impact on DOE Technologies and twice received the prestigious R&D 100 Awards.



Dr. Siyu Ye received his B.Sc. in 1982 and his Ph. D. (under the supervision of Professors Zhaowu Tian and Renyuan Qian) in 1988, both from Xiamen University. He was a Volkswagen Foundation Postdoctoral Fellow at the University Duisburg-Essen, Germany (1988-1991) and Postdoctoral Fellow at the University of Québec at Montréal, Canada (1991-1993). From 1994 to

2000, he was a senior research scientist at the Hydro-Québec Research Institute, Canada. In 2000, Dr. Ye joined Ballard Power Systems as a senior research scientist. He was promoted to principal research scientist in 2002. He is also an Adjunct Professor at the University of British Columbia, University of Waterloo, and the South China University of Technology.

Dr. Ye is recognized as a leading expert in electrocatalysis and electrocatalyst development for fuel cells. He has been instrumental in developing Ballard's high performance, durable anode and cathode catalyst technology. Presently, Dr. Ye is leading Ballard's next generation catalyst technology development as well as the management of a couple of Ballard's research collaboration projects. He has more than twenty years of fuel cell experience with expertise in catalyst materials and electrode & MEA design. He is the most prolific inventor at Ballard. He has over 100 peer-reviewed papers, as well as many patents and patent applications. Dr. Ye is author or co-author of one book and several book chapters. He has been an invited speaker at many professional conferences. He has been a co-organizer and/or chair of technical symposiums and workshops in various technical society meetings, including the International Society of Electrochemistry, the Electrochemical Society, the Canadian Society of Chemistry, and the International Association for Green Energy, ECAT2014.



Dr. Liming Dai received Liming Dai joined Case Western Reserve University (CWRU) in fall 2009 as the Kent Hale Smith Professor in the Department of Macromolecular Science and Engineering. He is also director of the Center of Advanced Science and Engineering for Carbon (CASE4Carbon). Dr. Dai received a BSc degree from Zhejiang University in 1983, and a PhD from the Australian National University

in 1991. He accepted a postdoctoral fellowship from the Cavendish Laboratory at the University of Cambridge, and two years later became a visiting fellow in Department of Materials Science and Engineering at the University of Illinois at Urbana-Champaign. He spent 10 years with the Commonwealth Scientific and Industrial Research Organization (CSIRO) in Melbourne, Australia. Before joining the CWRU, he was an associate professor of polymer engineering at the University of Akron and the Wright Brothers Institute Endowed Chair Professor of Nanomaterials at the University of Dayton.



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Dr. Dai's expertise covers the synthesis, functionalization, and device fabrication of conjugated polymers and carbon nanomaterials for energy-related and biomedical applications. He has published more than 400 scientific papers, and held about 30 issued/applied patents. His h-index: >80; Citations: >25,000 (Source: ISI Web of Science; Author query: "Dai LM" and "Dai L). He has also published a research monograph on intelligent macromolecules (Springer), an edited book on carbon nanotechnology (Elsevier), a co-edited book on carbon nanomaterials for advanced energy systems (Wiley), and another co-edited book on carbon nanomaterials for biomedical applications (Springer). Dr. Dai serves as an Associate Editor of Nano Energy (Elsevier) and editorial board member of several international journals. He is a Highly Cited Researcher (Thomson Reuters) and has received many awards, including the 2016 CWRU Faculty Distinguished Research Award, the 2013 Zhejiang Science and Technology Award, the 2006 Ohio Outstanding Engineer and Scientist Award, and the 2006 George Noland Research Award from Sigma Xi. He is a Fellow of the Royal Society of Chemistry and Fellow of the American Institute for Medical and Biological Engineering (AIMBE).

**As of June 22, 2016*



Session Organizers*



Dr. Shichun Mu is a full Professor at Wuhan University of Technology. Dr. Mu is the Editor of the *Frontiers in Energy Storage* and the Senior Editor of the *Journal of Nanoscience Letters*. Dr. Mu received his Ph.D. in 2001 from Chinese Academy of Science, China. He was a postdoctoral at State Key Laboratory of Advanced Technology for Materials Synthesis and

Processing at Wuhan University of Technology. In 2006, he was promoted to be a full Professor at the same institution. He was an academic Visitor Scholar (from 2007 to 2008) at the Inorganic Chemistry Laboratory at University of Oxford. Dr. Mu's expertise areas are nonmetallic mineralogy, mineral materials, hydrogen storage materials and reinforced proton exchange membranes of PEM fuel cells. His current research interests include advanced membrane electrode assemblies (MEAs) with ultralow Pt loading and electrocatalysts with high activity and stability towards oxygen reduction reaction (ORR) for both PEM fuel cells and alkaline fuel cells, nano-materials for lithium ion batteries and nano-carbon materials (e.g., graphene) applied in new energy. He has published more than 120 peer-reviewed technical articles and applied for 82 invention patents involving hydrogen storage, graphene materials, PEM fuel cells and lithium ion batteries.



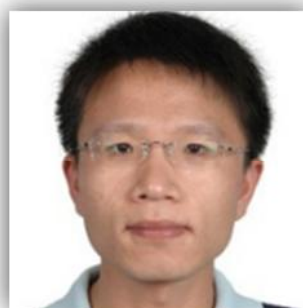
Dr. Yuyan Shao is a Senior Scientist at the U.S. Department of Energy Pacific Northwest National Laboratory (PNNL). Dr. Shao received his Ph.D. degree in electrochemistry from Harbin Institute of Technology. Before he joined in PNNL, he was a postdoctoral research associate at Case Western Reserve University. His current research interests are in materials science and materials chemistry for electrochemical energy

conversion and storage, including electrodes and electrolytes for fuel cells and batteries. Dr. Shao has authored/coauthored >90 peer-reviewed journal articles which have been cited by >7000 times. He currently has an H-Index of 40. He serves as a guest editor for *Nano Energy Electro catalysis* Theme Issue, an Editorial Board Member of *Scientific Reports*. He also serves as a lead organizer for symposia in American Chemical Society (ACS) and Materials Research Society (MRS) annual meetings. In 2014, he was listed in Thomson Reuters Highly Cited Researchers.



Dr. Minhua Shao is an Associate Professor in the Department of Chemical and Biomolecular Engineering at the Hong Kong University of Science and Technology (HKUST). He earned BS and MS degrees in chemistry from Xiamen University, and a PhD degree in materials science and engineering from the State University of New

York at Stony Brook in 2006. Dr. Shao joined UTC Power in 2007 to lead the development of advanced catalysts and supports for proton exchange membrane fuel cell (PEMFC) and phosphoric acid fuel cell (PAFC). He was promoted to UTC Technical Fellow and Project Manager in 2012. In 2013, he joined Ford Motor Company to conduct research on lithium-ion batteries for the next generation electrified vehicles. He then joined HKUST in 2014 to pursue an academic career. He has published over 50 peer-reviewed articles, 1 edited book and filed over 30 patent applications. He has also received a number of awards, including the Supramaniam Srinivasan Young Investigator Award from the ECS Energy Technology Division (2014), Student Achievement Award from the ECS Industrial Electrochemistry and Electrochemical Engineering Division (2007), President's Award to Distinguished Doctoral Students from Stony Brook University (2006). Chinese Government Award for Outstanding Self-Financed Students Abroad from China Scholarship Council (2006), and Dr. Mow Shiah Lin Award from Brookhaven National Laboratory (2006).



Dr. Yu-Guo Guo completed his PhD at the Institute of Chemistry, Chinese Academy of Sciences (CAS) before moving to the Max Planck Institute for Solid State Research in Stuttgart, German as a guest and then a staff scientist. He returned to China in 2007 to take up a full Professor position at IC-CAS.

His research focuses on electrochemical energy storage with batteries (e.g., Li-ion and Li-S batteries), ion/electron storage and transport in nanoscaled systems, as well as kinetics and thermodynamics of nanostructured energy materials. He has published >140 papers in peer-reviewed SCI journals, including *Nat. Mater.*, *Acc. Chem. Res.*, *JACS*, *Angew. Chem.*, and *Adv. Mater.* These papers have been cited more than 7000 times by other researchers, and he currently has an H-factor of 42. He has filed 8 PCT patents and 36 China patents in the field of energy materials and batteries, and founded a company. He serves as an Editorial Board Member of *ACS Applied Materials & Interfaces*, *Nano Research*, and *ChemElectroChem*. He has received several awards including the 13th National Award for Youth in Science and



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Technology (2013), the Distinguished Young Chemist Award 2013 in Physical Chemistry of the Federation of Asian Chemical Societies (FACS), the IUPAC Prof. Jiang Novel Materials Youth Prize (2013), the Distinguished Young Scholars of NSFC (2012), the National Geographic Emerging Explorers (2012), the MIT Technology Review's TR35 Award (2011), and the Gold Medal of SCOPUS Seeking Future Star of Science Award (2009).



Dr. Jie Xiao is currently an Associate Professor at University of Arkansas. She received her Ph.D. degree in materials chemistry from State University of New York (SUNY) at Binghamton in 2008. Before that, she graduated from Wuhan University, China, with M.S. (2004) and B.S. (2001) degrees in Electrochemistry. Dr.

Xiao's research interest spans

from fundamental study to practical applications of energy-related materials and systems such as Li-ion, Li-S, metal air and redox flow batteries for vehicle electrification/stationary applications as well as micro-batteries for acoustic fish tags. Her work has been widely reported by many media including C&EN, R&D magazine, U.S. Department of State, Scientific American etc. Dr. Xiao is also the recipient of several awards including Ronald L. Brodzinski Early Career Exceptional Achievement Award, R&D 100 award and Zapperd Award from the American Chemical Society etc. She has published more than 70 peer-reviewed journal papers (Google H-index=39), 2 book chapters and filed 17 US patents (issued and applied) in the field of energy storage and conversion.



Dr. Xinbo Zhang is a Full Professor at Changchun Institute of Applied Chemistry (CIAC), Chinese Academy of Sciences (CAS). He obtained his Ph.D. in inorganic chemistry from CIAC and was granted the CAS Presidential Scholarship Award in 2005. From 2005-2009, he worked as a Japan Society for the Promotion of Science (JSPS) postdoctoral fellow (2005-2007) and a New Energy and Industrial

Technology Development Organization

(NEDO) research associate (2007-2009) at National Institute of Advanced Industrial Science and Technology (AIST), Japan. His interests mainly focus on functional inorganic materials for batteries, fuel cells, electrochemical water splitting and carbon dioxide reduction. He has published over 100 peer-reviewed articles, including Nat. Commun., JACS, Angew. Chem., Adv. Mater., Chem. Soc. Rev., Energy Environ. Sci., and these papers have been totally cited over 5000 times by others with H-index of 40. Some of the

research results have been selected as hot paper, journal covers and frontispiece. He holds or has filed over 20 patents and patent applications. Selected awards include "Hundred Talents Program" of CAS (2011), the Excellent Young Scholars of NSFC (2014), and Young Top-Notch Talent (2015).



Dr. Jun Lu is a Chemist at Argonne National Laboratory. Dr. Lu earned his Bachelor Degree in Chemistry Physics from University of Science and Technology of China (USTC) in 2000. He obtained his Ph.D. from the Department of Metallurgical Engineering at University of Utah in 2009 with a major research on metal hydrides for reversible hydrogen storage application. He is the awardee of the first DOE-EERE postdoctoral fellow under Vehicles Technology Program from 2011-2013.

At present, his research interests focus on

the electrochemical energy storage and conversion technology, with main focus on advanced Li-ion battery technology. Dr. Lu has authored/co-authored more than 150 peer-reviewed research articles, including Chem. Rev.; Nature Commun.; JACS; Nature Reviews Materials etc., and has filed over dozen patents and patent applications.



Dr. Xin Wang received his Bachelor (1994) and Master (1997) degrees in Chemical Engineering from Zhejiang University, and Ph. D. (2002) in Chemical Engineering from Hong Kong University of Science and Technology. From 2003 to 2005, he worked as a research fellow at University of California, Riverside, and concurrently, as R&D director and vice president for a startup fuel cell company listed in NASDAQ. He joined Nanyang Technological University as assistant professor in

2005 and was promoted to associate professor with tenure in 2010. He has been working on electrocatalysis and electrochemical technology for energy harvesting. His recent research focus includes 1) electrocatalyst and electrode development for fuel cells, CO₂ electro-reduction and hydrogen evolution, and 2) electrochemical reactor with co-generation of electricity and valuable chemicals. He has published more than 160 papers in refereed journals, with total citation number >5600. He also holds seven patents on novel nanomaterials for energy applications.



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Dr. Xifei Li is currently a full professor and associate dean of College of Physics and Materials Science, executive director of Energy & Materials Engineering Centre at Tianjin Normal University. Dr. Li received his B.Sc in Applied Chemistry at Harbin Institute of Technology, China, in 2001, and obtained his M.Sc in Non-ferrous Metallurgy at

General Research Institute for Nonferrous Metals of China in 2004. He obtained his Ph.D in Electronics Science and Technology at Xi'an Jiaotong University, China, in 2008, followed by working as a postdoctoral fellow at Florida International University and University of Western Ontario from 2008 to 2013.

His current research interests are focused on the controllable design and synthesis of low dimensional nanomaterials as well as their applications in lithium (sodium) ion batteries, supercapacitors, fuel cells, and metal-air batteries. He has authored and co-authored over 100 refereed journal articles, two invited book chapters as well as 13 patents.



Dr. Mei Cai is a General Motors Technical Fellow and the Manager of Energy Storage Materials Group at General Motors Global Research and Development Center. She has the responsibility for technology innovations in the area of advanced energy storage materials development for vehicular application. She has extensive experience in many of the energy materials

research area including solar cells, hydrogen production and storage, nature gas storage, fuel cells, batteries and capacitors. Dr. Cai received her M.S. and Ph.D. degree in 1993 and 1999 respectively, both in Chemical Engineering. She has extensive experience in novel material processing techniques for automotive applications. Her current research interests include synthesizing and processing of nanostructured materials, nanocomposites, and their applications in clean energy field. In particular, she has been working with carbon, graphite, graphene, metal oxides, and their nanocomposites with engineering designed and well controlled nanostructures as energy storage and electrochemical energy conversion materials. Dr. Cai joined the GM R&D staff in 1995. She is the author and co-author of over 100 issued/pending US patents and over 80 peer reviewed scientific publications.



Dr. Liang Li received his Ph.D. degree from the Institute of Solid State Physics (ISSP), Chinese Academy of Sciences and won the Excellent President Scholarship in 2006. From 2007-2012, he worked in National University of Singapore (NUS), Singapore, National Institute of Advanced Industrial Science and Technology (AIST), Japan, National Institute for Materials

Sciences (NIMS), Japan, and the University of Western Ontario (UWO), Canada. Since Aug. 2012, Dr. Li is a full professor in School of Physical Science and Technology, Soochow University in China. Li's research group focuses mainly on the controlled synthesis, novel physical properties and energy conversion devices of low-dimensional nanomaterials.

Dr. Li was awarded as 1000 Youth Talents Plan (千青) and Excellent Youth Foundation (优青) in 2014, respectively. 110 papers have been published, which have generated over 4500 citations. The H-index is 37.

**As of June 22, 2016*



International Academy of Electrochemical Energy Science (IAOEES)

Conference Co-Chairs

CHALASANI, Subhas	East Penn Manufacturing Company, Inc., USA
CHEN, Jun	Nankai University, China
CHEN, Zhongwei	University of Waterloo, Canada
CHENG, Hui-Ming	Institute of Metal Research, CAS, China
HU, Wenbin	Tianjin University, China
LAMY, Claude	CNRS University of Montpellier, France
LI, Aijun	Shanghai University, China
LI, Changming	Southwest University, China
LIU, Hua Kun	University of Wollongong, Australia
LIU, Jun	Pacific Northwest National Laboratory, USA
LU, Jun	Argonne National Laboratory
MA, Wenhui	Kunming University of Science and Technology (KUST), China
MATSUE, Tomokazu	Tohoku University, Japan
QIAO, Jinli	Donghua University, China
SHAO, Rong	Yancheng Institute of Technology, China
SUN, Shigang	Xiamen University, China
WAN, Lijun	University of Science and Technology of China, China
WEI, Zidong	Chongqing University
WILKINSON, David	University of British Columbia, Canada
WU, Minghong	Shanghai University, China
XIA, Dingguo	Peking University
ZELENAY, Piotr	Los Alamos National laboratory, USA
ZHANG, Huamin	Dalian Institute of Chemical Physics, CAS, China
ZHANG, Jiujun	University of British Columbia, Canada

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XIE, Keqiang	KUST
XIAO, Jie	KUST

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CHEN, Ian Lianrong	IAOEES, Canada
ZHANG, Lei	National Research Council, Canada
LIU, Yuyu	Tohoku University, Japan
SUN, Shuhui	Institut National de la Recherche Scientifique, Canada

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ATANASSOV, Plamen	University of New Mexico, USA

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CAO, An-min	Chinese Academy of Sciences, China
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CHEN, Gang	Chinese Academy of Sciences, China
CHEN, Jian	Zhejiang University, China
CHEN, Jun	Nankai University, China
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CHENG, Fangyi	Nankai University, China
CHENG, Hui Ming	Chinese Academy of Sciences, China
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DODELET, Jean-Pol	Institut National de la Recherche Scientifique (INRS), Canada
DOWNING, Bruce	Magpower Systems Inc., Canada
FENG, Shouhua	Jilin University, China
GENG, Dongsheng	Institute of Materials Research and Engineering (IMRE), Singapore
GHOSH, Dave	XRD Energytech Solutions Inc., Canada
GUO, Jinghua	Lawrence Berkeley National Laboratory, USA
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HAN, Min-Fang	Tsinghua University, China
HONG, Feng	Donghua University, China
HOSTER, Harry	Technische Universität München, Germany
HU, Yongsheng	Chinese Academy of Sciences, China
HU, Yun Hang	Michigan Technological University, USA
HU, Wenbin	Tianjin University, China
HWANG, Bing-Joe	National Taiwan University of Science and Technology, Taiwan
ISHIHARA, Tatsumi	Kyushu University, Japan
JIANG, Rongzhong	U.S. Army Research Laboratory, USA
JIANG, Sanping	Curtin University, Australia
JIN, Fangming	Shanghai Jiao Tong University, China
JONES, Deborah J.	Montpellier University, France
JUNG, Joey	EVT Power Inc., Canada



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KIM, Hasuck	Daegu Gyeongbuk Institute of Science and Technology, Korea
KUANG, Dai-bin	Sun Yat-sen University, China
LAMY, Claude	CNRS Institute of Chemistry, France
LAVACCHI, Alessandro	The Italian National Research Council (ICCOM-CNR), Italy
LEE, Joon Bae	Samsung SDI, Korea
LI, Changming	Southwest University, China
LI, Dejun	Tianjin Normal University, China
LI, Guang	Donghua University, China
LI, Jian	Huazhong University of Science & Technology, China
LI, Jun	Kansas State University, USA
LI, Liang	Soochow University, China
LI, Liyu	UET, USA
LI, Qingfeng	Technical University of Denmark, Denmark
LI, Qingyu	Guangxi Normal University, China
LI, Weishan	South China Normal University, China
LI, Xianguo	University of Waterloo, Canada
LI, Xifei	Tianjin Normal University, China
LIAN, Keryn	University of Toronto, Canada
LIAO, Shijun	South China University of Technology, China
LIAW, Bor Yann	University of Hawaii, USA
LIU, Gang	Chinese Academy of Sciences, China
LIU, Jun	Pacific Northwest National Laboratory, USA
LIU, Li-Min	Beijing Computational Science Research Center
LIU, Meilin	Georgia Institute of Technology, USA
LIU, Ru-Shi	National Taiwan University, Taiwan
LIU, Yuyu	Tohoku University, Japan
LIU, Zhaoping	Chinese Academy of Sciences, China
LIU, Zhongfan	Peking University, China
LU, Juntao	Wuhan University, China
LUO, Jun	Tianjin University of Technology
MA, Zifeng	Shanghai Jiao Tong University, China
MAO, Zongqiang	Tsinghua University, China
MARIC, Redenka	University of Connecticut, USA
MARQUES, Aldalea	Federal University of Maranhão, Brazil
MARQUES, Edmar	Federal University of Maranhão, Brazil
MATSUE, Tomokazu	Tohoku University, Japan
MENG, Yuezhong	Sun Yat-sen University, China
MITLIN, David	University of Alberta, Canada

MORITA, Masayuki	Yamaguchi University, Japan
MU, Shichun	Wuhan University of Technology, China
NGUYEN, Trung Van	University of Kansas, USA
NIU, Zhiqiang	Nankai University, China
PAN, Mu	Wuhan University of Technology, China
PEPPLEY, Brant A.	Queen's University, Canada
POLLET, Bruno	University of the Western Cape, South Africa
QI, Zhigang	Wuhan Troowin Power System Technology Co., China
QIAO, Jinli	Donghua University, China
QIU, Jieshan	Dalian University of Technology, China
SAVADOGO, Oumarou	Polytechnique Montréal, Canada
SHAO, Minhua	Hong Kong University of Science & Technology, China
SHAO, Yuyan	Pacific Northwest National Laboratory, USA
SHEN, Pei Kang	Sun Yat-sen University, China
SHI, Jian	Auxin Auto, China
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SUN, Shi-Gang	Xiamen University, China
SUN, Shuhui	Institut National de la Recherche Scientifique (INRS), Canada
SUN, Xueliang	University of Western Ontario, Canada
SUNG, Yung-Eun	Seoul National University, Korea
TIAN, Binglun	Pearl Hydrogen Inc., Shanghai, China
VANTE, Nicolas Alonso	University of Poitiers, France
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WAN, Lijun	University of Science and Technology of China, China
WANG, Chaoyang	Pennsylvania State University, USA
WANG, Deli	Huazhong University of Science & Technology, China
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WANG, Hai Jiang	National Research Council Canada
WANG, Hongqiang	Guangxi Normal University, China
WANG, Michael	Springpower International Inc., Ontario, Canada



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WANG , Shun	Wenzhou University, China
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WANG , Xin	Nanyang Technological University, Singapore
WANG , Xindong	University of Science & Technology Beijing, China
WANG , Weichao	Nankai University, China
WANG , Yixuan	Albany State University, USA
WIECKOWSKI, Andrzej	University of Illinois at Urbana-Champaign (UIUC), USA
WILKINSON, David	University of British Columbia, Canada
WU, Gang	University of Buffalo, USA
WU, Hui	Tsinghua University, China
WU, Yuping	Nanjing Tech University, China
XIA , Dingguo	Peking University, China
XIA , Yongyao	Fudan University, China
XIANG, Yan	Beihang University, China
XIAO, Jie	Pacific Northwest National Laboratory, USA
XIAO, Xingcheng	General Motors Global Research and Development Center, USA
XIE, Jian	IUPUI, USA
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XU, Tongwen	University of Science and Technology China
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YAN , Yushan	University of Delaware, USA
YANG , Gary	UniEnergy Technologies, USA
YANG , Harris	Springpower International Inc., Ontario, Canada
YANG , Hui	Chinese Academy of Sciences, China
YANG , Junbing	California Lithium Battery Inc., USA
YANG , Lin	Henan Normal University, china
YANG , Minghui	Chinese Academy of Sciences, China
YANG , Ruizhi	Suzhou University, China
YANG , Shubin	Beihang University, China
YANG , Shuting	Henan Normal University, China
YANG , Yong	Xiamen University, China
YE, Siyu	Ballard Power Systems Inc., Canada

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YU, Aiping	University of Waterloo, Canada
YU, Hongmei	Chinese Academy of Sciences, China
YU, Tzyy-Lung	Yuan Ze University, Taiwan
YU, Yan	University of Science and Technology China, China
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ZHANG, Feng-Yuan	University of Tennessee, USA
ZHANG, Huamin	Chinese Academy of Sciences, China
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ZHANG, Lei	National Research Council, Canada
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ZHANG, Tierui	Technical Institute of Physics and Chemistry, CAS, China
ZHANG, Tong	Tongji University, China
ZHANG, Yingjie	Kunming University of Science & Technology, China
ZHANG, Yuanjian	Southeast University, China
ZHANG, Yuegang	Chinese Academy of Sciences, China
ZHAO, Yixin	Shanghai Jiaotong University, China
ZHONG, Chuan-jian	State University of New York, USA
ZHONG, Yu-Wu	Chinese Academy of Sciences, China
ZHOU, Biao	University of Windsor, Canada
ZHOU, Su	Tongji University, China
ZHOU, Xiao-Dong	University of South Carolina, USA
ZHU, Hong	Beijing University of Chemical Technology, China
ZHU, Xun	Chongqing university, China
ZHUANG, Lin	Wuhan University, China



Confirmed Keynote Speakers *

Peppley, Brant	Queens University, Canada
Dai, Liming	Case Western Reserve University, USA
Bunel, Emilio	Argonne National laboratory, USA
Yang, Yong	Xiamen University, China
Zhang, Junliang	Shanghai Jiatong University, China
Liu, Meilin	Georgia Institute of Technology, USA
Wang, Guoxiu	University of Technology Sydney, Australia
Lu, Shigang	General Research Institute for Nonferrous Metals, China
Schanze, Kirk	University of Florida, USA
Shao, Yuyan	Pacific Northwest National Laboratory, USA
Choi, Sang-il	Kyungpook National Univesity, Korea
Wang, Chao	Johns Hopkins University, USA
Suntivich, Jin	Cornell University, USA
Liao, Honggang	Lawrence Berkeley National Labs, USA
Yang, Hong	University of Illinois, USA
Xiao, Jie	University of Arkansas, USA
Guo, Yu-Guo	Institute of Chemistry Chinese Academy of Sciences, China
Wei, Bingqing	University of Delaware, USA
Kang, Yong-Mook	Dongguk University, Korea
Ding, Yi	Tianjin University of Technology, China
Cui, Guanglei	Qingdao Institute of Bioenergy and Bioprocess Technology, Chinese Academy of Sciences, China
Lu, Jun	Argonne National Laboratory, USA
Mu, Shichun	Wuhan University of Technology, China
Wang, Donghai	The Pennsylvania State University, USA
Song, Yujiang	Dalian University of Technolgoy, China
Ji, Xiulei	Oregon State University, USA
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Lu, Anhui	Dalian University of Technology, China
Peng, Huisheng	Fudan University, China
Kim, Hasuck	Daegu Gyeongbuk Insitute of Science and Technolgy
Li, Yanguang	Soochow University, China
Yan, Chenglin	Soochow University, China
Liu, Zhaoping	Ningbo Institute of Industrial Technology, China
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Gu, Lin	Institute of Physics, Chinese Academy of Sciences, China
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Zhou, Zhen	Nankai University, China
He, Xiangming	Tsinghua University, China
Ding, Fei	Tianjin Institute of Power Sources, China
Wang, Shuangyin	Hunan University, China
Chen, Jin-Ming	Industrial Technology Research Institute (ITRI)
Li, Liang	Soo-Chow University, China
Wang, Xin	Nanyang Technological University, Singapore
Xiong, Yujie	University of Science and Technology China, China
Wang, Lianzhou	University of Queensland, Australia
Liu, Hong	Shandong University, China
Park, Jong Hyeok	Yonsei University, Korea
Yang, Huagui	East China University of Science and Technology, China
Fan, Hongjin	Nanyang Technological University, Singapore
Wang, Xinchen	Fuzhou University, China
Shao, Zongping	Curtin University, Australia/Nanjing Technology University, China
Gong, Jinlong	Tianjin University, China
Liu, Ru-Shi	National Taiwan University (Taiwan)
Cai, Mei	General Motors, USA
Li, Yangxing	Shanshan Energy, China
Zhang, Huamin	Dalian Rongke Power, China
Hou, Yanglong	Peking University, China
Chen, Renjie	Beijing Institute of Technology, China
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Guo, Hong	Yunnan University, China
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Mai, Liqiang	Wuhan University of Technology, China
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Qiao, Jinli	Donghua University, China
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Chen, Zhongwei	University of Waterloo, Canada
Sun, Xueliang	University of Western Ontario, Canada
Qu, Deyang	University of Wisconsin Milwaukee, USA
Jiang, Ruichun	General Motors, USA
Liang, Chengdu	Amperex Technology Limited (ATL)/ Research Institute, USA
Lemmon, John	National Institute of Clean-and-Low-Carbon Energy, China
Belharouak, Ilias	Qatar Environment and Energy Research Institute, Qatar
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Yassar, Shahbazian Reza	University of Illinois
Haarberg, Geir Martin	Norwegian University of Science and Technology (NTNU), Norway
Sun, Shuhui	Institut national de la recherche scientifique (INRS), Canada
Liu, Gang	Institute of Metal Research, Chinese Academy of Science
Shi, Siqi	Shanghai University
Kamat, prashant	University of Notre Dame
Schanze, Kirt	University of Florida
Sun, Chunwen	Beijing Institute of Nanoenergy & Nanosystems
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Zhang, Cunman	Tongji University

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**As of June 22, 2016*