

# The International Conference on EEST2018 in Niagara Falls Canada

IAOEES IAOEES Yesterday



**Professor Zhongwei Chen Giving the Opening Ceremony Speech as Chairman of the EEST 2018 Conference**

The 4th International Conference on Electrochemical Energy Science and Technology 2018 (EEST 2018) was successfully held in Niagara Fall, Canada from August 13th to 16th 2018. The conference was co-hosted by the International Academy of Electrochemical Energy Science (IAOEES), the University of Waterloo and the Western University, and co-chaired by Professor Zhongwei Chen from the University of Waterloo and Professor Jun Lu from the Argonne National Laboratory. The EEST 2018 conference covered various topics in electrochemistry, including fuel cell, lithium ion batteries, metal air batteries, supercapacitor, electrocatalyst, hydrogen fuel, and mechanistic investigation. It intends to

promote the development of electrochemical technologies and applications, provide the opportunity for cross discipline international collaboration, encourage fundamental development and accelerate the talent development process. The EEST 2018 conference began officially on August 14th 2018 and the opening ceremony speech was given by chairmen Professor Zhongwei Chen.



**The 4th International Conference on Electrochemical Energy Science and Technology 2018**



### EEST 2018 Academic Presentations

The EEST 2018 conference received around 300 abstract submissions from around the world, including ~200 oral presentations and ~100 poster demonstrations. Over 300 representatives of universities, research institutes and private companies from countries such as United States of America, United Kingdom, Canada, China, Korea, Singapore, Germany, Japan, Australia, etc. have attended the four days conference. Professor Arumugam Manthiram from the University of Texas at Austin, USA; Professor Linda Nazard from the University of Waterloo, Canada; Professor Jaephil Cho from the University of UI-



san, Korea; Professor Debbie Myers from the Argonne National Laboratory, USA; Professor Can Li from the Dalian Institute of Chemical Physics, China; Professor Yi Cui from Stanford University, USA, presented as plenary speakers for the conference. In the afternoon of August 13th, the EEST 2018 conference also hosted a special workshop with editors from top academic journals such as Nature Energy, Joule, American Chemical Society and Electrochemical Energy Review to discuss recent ideas and provide researchers face-to-face interaction opportunities.



**Group Photo of IAOEES Committee with Honorary Chairman Prof. M Stanley Whittingham**

Celebrating his academic achievement, the IAOESS committees have appointed Professor M. Stanley Whittingham from the Binghamton University, State University of New York, USA, as the Honorary Chairman of the Society.





## State University of New York at Binghamton

- Fellow, Materials Research Society, 2013
- IBA Yeager Award for Lifetime Contributions to Lithium Batteries, 2012
- ACS NERM Award for Contributions to Chemistry, 2010
- Member, National Academy of Engineering, 2018

He is listed among others, for pioneering research leading to the development of the lithium-ion battery on a list of Citation Laureates for the **Nobel Prize** in Chemistry by Thomson Reuters.



## Lifetime Achievement Awards



### Prof. JiuJun Zhang

Shanghai University

- Fellow (Member) of the Royal Society of Canada
- Fellow of the Canadian Academy of Engineering
- Fellow of the Engineering Institute of Canada
- Fellow of the International Society of Electrochemistry

Dr. JiuJun Zhang has almost 40 years of experience as an electrochemist working in China, USA and Canada. He has been a major contributor to electrochemical engineering science and technology, including electrocatalysts, fuel cells, batteries and supercapacitors.

- One of Top 1% of Highly cited Researchers in the world, has also been listed as one of the "3000 World's Most Influential Scientific Minds" by Thomson Reuters
- Over 300 refereed journal papers with 32,000 citations and a H-index of 24
- 24 edited/ co-authored books, 43 book chapters



## Research Excellence Awards



### Prof. Zhongwei Chen

University of Waterloo

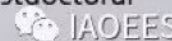
- Professor & Canada Research Chair (Tier 1)
- E.W.R. Steacie Fellow
- Fellow of the Canadian Academy of Engineering
- Director of Waterloo Centre for Electrochemical Energy (WCEE)

Dr. Chen is currently working on the advanced energy materials and systems for fuel cells, metal-air batteries, and lithium-ion batteries. He has published 3 books, 10 book chapters and more





... He has published 3 books, 20 book chapters and more than 230 peer reviewed journal articles with over 18,000 citations and a H-index of 61. He is also listed as inventor over 25 US/international patterns, with several licensed to companies internationally. His team includes more than 30 postdoctoral fellows and 30 graduate students.



## Research Excellence Awards



**Prof. Liqiang Mai**

**Wuhan University of Technology**

- Chair Professor of Materials Science and Engineering at Wuhan University of Technology

He has published more than 280 papers in peer-reviewed journals such as Nature, Nanotechnology, Journal of the American Chemical Society, Advanced Materials, and so forth.

He established advanced in-situ characterization based on single-nanowire devices in energy storage and conversion field.

His interests include nanowire materials, and devices for energy storage and micro/nano energy storage devices.



### EEST 2018 Lifetime Achievements Awards and Research Excellence Awards Winners

The EEST 2018 conference has also issued the Lifetime Achievements Awards, Research Excellence Awards, Distinguished Young Investigator Awards, EEST 2018 Organization Awards and Best Poster Awards. The Lifetime Achievements Awards were presented to Professor Stanley Whittingham from the Binghamton University, State University of New York and Professor Jiujun Zhang from the Shanghai University. Professor Zhongwei Chen from the University of Waterloo and Professor Liqiang Mai from the Wuhan University of Technology were awarded with the Research Excellence Awards. Professor Cheng Zhong from Tianjin University and Professor Zhengyu Bai from the Henan Normal University received the Distinguished Young Investigator Awards. Professor Jay P. C. Sui from Wuhan University of Technology, Professor Joey Jung from KEMETO Research Inc., Professor Xifei Li from Xi'an University of Technology, Professor Xiaolei Wang from Concordia University, and Pan Xu from the University of Waterloo, were granted the EEST 2018 Organi-

zation Awards. Jing Zhang from the University of Waterloo, Veronica Cavallari from the University of Ontario Institute of Technology, and Jin Song from the Peking University received the ACS Best Poster awards. Jing Xiao from the University of Alberta, Jak Li from the University of Toronto, Rutendo Mutambanengwe from the Queen's University, and Wenyao Zhang from the University of Waterloo received the Nano-Micro Letters Best Poster Awards. Zachary Cano from the University of Waterloo, Tianrui Chen from the Harbin Institute of Technology, Yaping Deng from the University of Waterloo, and Jinpei Hei from the Zhejiang University of Technology received the Coatings Best Poster Awards.



**Group Photo of IAOEES Committee with EEST 2018 Volunteers**

The EEST 2018 conference received significant attention and large support from representatives of different fields, including eight universities, three academic journals and two private companies. On behalf of the EEST 2018 committee, we send our sincere gratitude and appreciations to our sponsor and organizations which have supported the successful operation of this conference.

