

WEBINAR
8TH WORKSHOP "LITHIUM-SULFUR-BATTERIES VIII"
JUNE 18 - 19, 2020

Fraunhofer-Institut für Werkstoff- und Strahltechnik IWS

June 18, 2020

Module I

Li-S battery pouch cell development

Chair: Prof. Dr. Stefan Kaskel, Fraunhofer IWS, TU Dresden

- 15:00 Welcome and introduction
Prof. Dr. Stefan Kaskel, Fraunhofer IWS, TU Dresden, Germany
- 15:15 Application and monitoring of pressure within high performance Li-S cells
Jacob Locke, Oxis Energy Ltd, UK
incl. time for questions
- 15:45 Demonstrating the feasibility of LiS batteries at pouch cell level
Alberto Blázquez, Cidetec, Spain
incl. time for questions
- 16:15 Maximizing volumetric energy density in Li-S pouch cells
Thomas Abendroth, Fraunhofer IWS, Germany
incl. time for questions
- 16:45 Li-S Battery development within the Battery500 consortium
Jun Liu, University of Washington, USA
incl. time for questions
- 17:15 Day 1 - concluding remarks
Prof. Dr. Stefan Kaskel, Fraunhofer IWS, TU Dresden, Germany

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Module II

Innovations in material research for Li-S batteries

Chair: Prof. Dr. Stefan Kaskel, Fraunhofer IWS, TU Dresden

- 09:00 Welcome and introduction
Prof. Dr. Stefan Kaskel, Fraunhofer IWS, TU Dresden, Germany
- 09:15 Challenges and solutions for Li metal batteries
Qiang Zhang, Tsinghua University, China
incl. time for questions
- 09:45 New type of Li-S battery with metal polysulfides - reaction mechanism and properties
Hikari Sakaebe, AIST, Japan
incl. time for questions
- 10:15 Flexible and high-energy-density Li-S batteries
Zijian Zheng, Hong Kong Polytechnic University, Hong Kong
incl. time for questions
- 10:45 Interface engineering in Lithium-Sulfur batteries
Jia-Qi Huang, Beijing Institute of Technology, China
incl. time for questions
- 11:15 Development of electrolytes via anode-free lithium metal batteries
Bing-Joe Hwang, Taiwan Tech, Taiwan
incl. time for questions
- 11:45 Day 2 - concluding remarks
Prof. Dr. Stefan Kaskel, Fraunhofer IWS, TU Dresden, Germany

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Schedule for different time zones

	Time Zone 1 - CET	Time Zone 2 - Beijing	Time Zone 3 - EST
Day 1	15:00 – 18:00	21:00 – 24:00	09:00 – 12:00
Day 2	09:00 – 12:00	15:00 – 18:00	03:00 – 06:00

With my registration I agree with the potential publication of photographs taken during the event and with the electronic storage of my address (incl. the use of my address for future invitations).