



AGENDA

LISSEN Workshop

Monday, July 27th 2015
Helmholtz Institute Ulm (Ulm, Germany)

Registration

09:00 – 09:30

Opening of the Workshop

09:30 – 09:45 Prof. Dr. Bruno Scrosati, Sapienza Innovazione (Italy)

Invited Speakers

09:45 – 12:35

09:45 – 10:15 Dr. Klaus Leitner, BASF (Germany)

“What is the future of lithium-sulfur batteries? A brief discussion of potential issues and hurdles”

10:15 – 10:45 Dr. Holger Althues, Fraunhofer IWS (Germany)

“Carbon materials for enhanced sulfur cathodes”

10:45 – 11:05 – Coffee break

11:05 – 11:35 Prof. Dr. Diana Golodnitsky, Tel-Aviv University (Israel)

“Facile synthesis and characterization of novel solid polymer-in-ceramic electrolyte”

11:35 – 12:05 Dr. Yuichi Aihara, Samsung R&D Institute (Japan)

“All Solid State Li-Sulfur Battery using a Li3PS4 Ionic Conductor”

12:05 – 12:35 Prof. Dr. Maximilian Fichtner, HIU-KIT (Germany)

“Recent progress in the development of Mg-S and Li-S cells”

12:35 – 14:00 – Lunch break



Invited speaker/Project Partners

14:00 – 16:50

- 14:00 – 14:30 Dr. Stefan Koller, VARTA Micro Innovation GmbH (Austria)
“Si anodes for Li-ion batteries”
- 14:30 – 14:50 Prof. Dr. Arnulf Latz, DLR (Germany)
“Theory of electrochemical processes and transport in nanostructured lithium sulfur batteries”
- 14:50 – 15:10 Dr. Margret Wohlfahrt-Mehrens, ZSW (Germany)
“A new concept of lithium silicon/sulfur batteries”
- 15:10 – 15:30 Dr. Maria Assunta Navarra, Sapienza University of Rome (Italy)
“Innovative liquid and gelled electrolyte configurations for advanced lithium-sulfur cells”

15:30 – 15:50 – Coffee break

- 15:50 – 16:10 Varvara Sharova, HIU-KIT (Germany)
“Polymer electrolytes for Li-S batteries”
- 16:10 – 16:30 Mark Copley, Johnson Matthey (UK)
“Johnson Matthey battery technologies: advanced material research”
- 16:30 – 16:50 Prof. Dr. Fausto Croce, University of Chieti-Pescara (Italy)
“Innovative composite electrodic materials for advanced lithium sulfur cells”

Lab tour at HIU

17:00 – 17:30