



# Fraunhofer

IWS

FRAUNHOFER INSTITUTE  
FOR MATERIAL AND BEAM TECHNOLOGY IWS

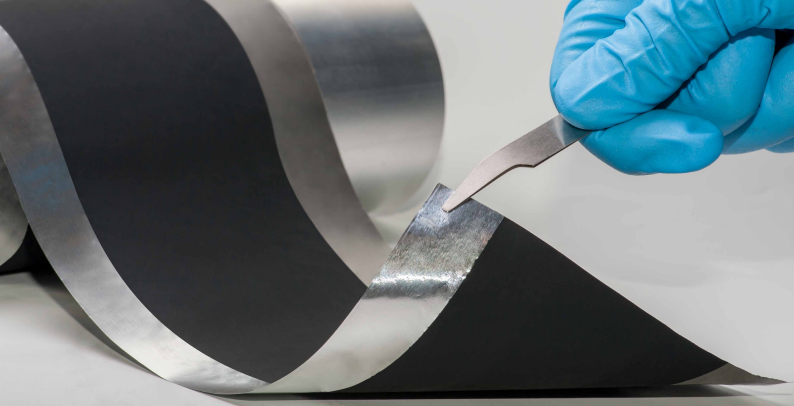
## 8<sup>TH</sup> WORKSHOP

# "LITHIUM-SULFUR BATTERIES"

FRAUNHOFER IWS, DRESDEN, GERMANY

JUNE 18–19, 2020





Lithium-sulfur batteries are the most promising choice for future energy storage systems. Recent investigations on materials such as novel lithium (alloy) anode concepts, ion-selective separators, and nanostructured carbon/sulfur composite cathodes are crucial to significantly enhance the cell performance. In addition, innovative electrolytes – from highly to sparingly soluble liquid formulations up to all solid state concepts – open up new opportunities for cell design and applications.

Following the great success of our previous Lithium-Sulfur Battery Workshops, this year's symposium will again bring together an international audience of scientists and industrial customers. Renowned experts will present the latest results, new materials, processes and applications in the field of lithium-sulfur batteries. Plenary lectures by internationally renowned speakers will offer delegates excellent possibilities to get acquainted with the latest developments and research results. A poster session will complement the comprehensive technical program.

Prof. Dr. Stefan Kaskel  
*Conference chairman*  
*Fraunhofer IWS Dresden, Germany*

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### Our general topics

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- Electrode materials
  - Lithium metal anodes
  - All-solid-state cell concepts
  - Separators and electrolytes
  - Mechanisms
  - Cell design and manufacturing
  - Applications for Li-S-Batteries
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### Call for abstracts

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You are highly welcome to present your latest research results with a lecture or a poster presentation. Abstracts (max. one page) should be written in English, including name, company and e-mail address of the corresponding author. Please use the template provided at [www.iws.fraunhofer.de/battery-workshop](http://www.iws.fraunhofer.de/battery-workshop).

### Deadlines:

Abstract submission: March 27, 2020  
Acceptance notification of authors: April 24, 2020

Please send your abstract to [manja.hanke@iws.fraunhofer.de](mailto:manja.hanke@iws.fraunhofer.de).

We will review all contributions and decide whether your topic will be presented orally or as a poster. Accepted contributions will be published in the abstract booklet.



**REGISTRATION DEADLINE  
MAY 22, 2020**

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### **Conference Fee**

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Participants: 495€

PhD-students: 310€

The conference fee includes all technical sessions, the abstract booklet, lunch and coffee breaks as well as the evening reception and the tour through the labs of Fraunhofer IWS.

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### **Workshop office**

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### **Venue**

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