



Fraunhofer

IWS



Dresden

FRAUNHOFER INSTITUTE
FOR MATERIAL AND BEAM TECHNOLOGY IWS

7TH WORKSHOP

"LITHIUM-SULFUR-BATTERIES"

FRAUNHOFER IWS, DRESDEN GERMANY

NOVEMBER 12–13, 2018



TECHNISCHE
UNIVERSITÄT
DRESDEN



Lithium-sulfur batteries are the most promising choice for future energy storage systems. Lithium metal anodes are decisive components as they determine cycling stability and specific energy, also in solid state batteries. Topical sessions of this year's workshop will address the development of lithium metal anodes and all-solid-state cell concepts. Novel materials such as nano-structured carbon-sulfur composite cathodes, solid electrolytes and alloy-based anodes are crucial to significantly enhance the cell performance.

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 as well as an exhibition running concurrently to the conference will offer delegates excellent possibilities to get acquainted with the latest developments and research results. A poster session will complement the comprehensive technical program.

We are looking forward to welcoming you to Dresden.

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



Our general topics

- 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

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.

Deadlines:

Abstract submission: June 30, 2018

Acceptance notification of authors: August, 2018

Please send your abstract to 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
OCTOBER 22, 2018**


Conference Fee


Participants: 450 €
PhD-students: 295 €

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.

Workshop office

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