

# To the Media

Ulm, August 5, 2019

## Advanced Lithium Batteries for Automobile Applications

### International experts to meet in early October at the 12<sup>th</sup> ABAA in Ulm

The world's leading experts for batteries are set to convene in Ulm on October 6 through 9 at the Advanced Lithium Batteries for Automobile Applications conference (ABAA- 12) to talk about the latest developments in academia and industry. This, the event's twelfth installment, has attracted very top-class participants with representatives from BASF, BMW, Daimler, EcoPro, General Motors, Nissan, Renault, Toshiba, Umicore, Volkswagen, and others taking this opportunity to discuss the future of this key technology for electric mobility. ABAA-12 will focus on questions relating to the service life and safety of electrochemical energy sources. The Zentrum für Sonnenenergie- und Wasserstoff-Forschung Baden-Württemberg (ZSW), the Helmholtz Institute Ulm (HIU), and the International Automotive Lithium Battery Association (IALB) are hosting the conference, which is to take place at the Maritim Hotel in Ulm. Follow this link for details and registration forms: [ABAA-12/](#)

Influential policymakers from Germany, Europe, Japan and the USA, automotive industry representatives, material and cell manufacturers, and internationally renowned scientists will attend the ABAA-12 conference. Around 300 participants can expect to see presentations on the latest developments and many opportunities to share their thoughts on future research topics. ABAA is an international conference with changing venues across all continents. The ZSW's Dr. Margret Wohlfahrt-Mehrens, HIU's Prof. Stefano Passerini and Dr. Khalil Amine of the IALB/ Argonne National Laboratory, USA, will chair it.

"The automotive industry expects annual production to exceed 20 million electric cars by 2025 – and batteries will have to be made for all these vehicles. ABAA-12 addresses the full spectrum of topics related to this key technology, including everything from basic research to real-world, day-to-day experiences and manufacturing issues," says Dr. Margret Wohlfahrt-Mehrens, head of the Accumulators Materials Research at ZSW.

According to Prof. Stefano Passerini and Dr. Dominic Bresser of the HIU, "The conference will present and discuss the state of the art, future trends, new materials and technologies, as well as equally important topics such as sustainability and recycling."



Zentrum für Sonnenenergie- und Wasserstoff-Forschung Baden-Württemberg (ZSW)

Site: Helmholtzstr. 8,  
89081 Ulm, Germany





Zentrum für Sonnenenergie-  
und Wasserstoff-Forschung  
Baden-Württemberg (ZSW)

Site: Helmholtzstr. 8,  
89081 Ulm, Germany

## **Four days ABAA-12: Presentations, lab tours & exhibitions**

Around 40 industry and science experts will share their latest findings in eleven sessions over three days, reporting on new materials, better components and case studies. There will also be a poster exhibition and plenty of opportunities for discussions in a relaxed atmosphere. The conference's program kicks off on October 6 with tours of the HIU and ZSW laboratories in Ulm. It will also feature an industry exhibition, with slots still available for companies interested in staging a show-case.

### About ZSW

The Zentrum für Sonnenenergie- und Wasserstoff-Forschung Baden-Württemberg (Centre for Solar Energy and Hydrogen Research Baden-Württemberg, ZSW) is one of the leading institutes for applied research in the areas of photovoltaics, renewable fuels, battery technology, fuel cells and energy system analysis. There are currently around 260 scientists, engineers and technicians employed at ZSW's three locations in Stuttgart, Ulm and Widderstall. In addition, there are 90 research and student assistants. The ZSW is a member of the Innovationsallianz Baden-Württemberg (innBW), a group of 13 non-university, applied research institutes.

### About Helmholtz-Institute Ulm (HIU)

The Helmholtz Institute Ulm (HIU) was established in January 2011 by Karlsruhe Institute of Technology (KIT), member of the Helmholtz Association, in cooperation with Ulm University. With the German Aerospace Center (DLR) and the Center for Solar Energy and Hydrogen Research Baden-Württemberg (ZSW), two other renowned institutions are involved in the HIU as associated partners. The international team of about 120 scientists at HIU works on the development of future energy storage systems for stationary and mobile use.

### About the IALB

The International Automotive Lithium Battery Association (IALB) is a non-profit organization. Its main purpose is to raise awareness worldwide for ecofriendly energy storage technologies by organizing the International Conference on Advanced Lithium Batteries for Automobile Applications (ABAA).

## **Media contacts**

Tiziana Bosa, Zentrum für Sonnenenergie- und  
Wasserstoff-Forschung Baden-Württemberg (ZSW), Helmholtzstr. 8,  
89081 Ulm, Tel.: +49 731 9530-601, Germany  
tiziana.bosa@zsw-bw.de, [www.zsw-bw.de](http://www.zsw-bw.de)

Dr. Heribert Wilhelm, Helmholtz-Institut Ulm (HIU)  
Helmholtzstraße 11, 89081 Ulm, Germany  
Tel.: +49 731 50 34000,  
heribert.wilhelm@kit.edu ; [www.hiu-batteries.de](http://www.hiu-batteries.de)

Axel Vartmann, PR-Agentur Solar Consulting GmbH,  
Emmy-Noether-Str. 2, 79110 Freiburg, Germany  
Tel.: +49 761 380968-23, vartmann@solar-consulting.de,  
[www.solar-consulting.de](http://www.solar-consulting.de)



The 12<sup>th</sup> ABAA conference will explore the full spectrum of battery-related topics, including everything from basic research to real-world, day-to-day experiences and manufacturing issues, with focus on e-mobility applications.

Picture above: ZSW, picture below: HIU

The images are available from Solar Consulting or from <https://energie.themendesk.net/zsw/>.