



CALL FOR PAPERS // WWW.BATTERY-POWER.EU

ADVANCED BATTERY POWER CONFERENCE 2023

APRIL 27 - 28, 2023 IN AACHEN / GERMANY



SCIENTIFIC CHAIRMEN

Prof. Dr. Martin Winter

University of Münster | MEET & FZ Jülich
Helmholtz Institute Münster

Prof. Dr. Dirk Uwe Sauer

RWTH Aachen University | ISEA & FZ Jülich
Helmholtz Institute Münster

For **Scientific Advisory Board** please visit our website: www.battery-power.eu

DEADLINE: 10/31/2022

Advanced Battery Power is one of the largest international scientific battery conferences in Germany. The established symposium provides an excellent platform for presenting research work and results in the field of battery technology to a broad professional audience.

Representatives from industry and academia discuss the latest findings along the entire value chain of batteries: the current state of research on lithium-ion batteries, novel battery systems and innovative materials, battery cell production and fields of application as well as second life and recycling. We are looking forward to your contribution.



More information:

www.battery-power.eu/cfp

TOPICS

1. Material level

- › Active materials for lithium-ion batteries
- › Active materials for lithium metal/sulfur/air
- › Electrolytes & separators
- › Solid state batteries
- › Other inactive materials
- › Non Lithium battery materials

2. Cell level – any technology

- › Cell design advances
- › Cell characterization

3. Pack level – any technology

- › Pack design & thermal management
- › Diagnostics & battery management

4. Applications

- › Automotive and mobility applications
- › Stationary energy system applications
- › Vehicle to grid and charging infrastructure
- › Other applications
- › Markets

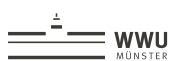
5. Battery life cycle

- › Raw materials
- › Production processes
- › Second use
- › Recycling
- › Life cycle analysis (LCA)
- › Life cycle costs (LCC)

FIELDS OF RESEARCH AND METHODS

- › New materials and designs
- › Performance
- › Lifetime, reliability and safety
- › Modelling and parametrisation
- › Experimental characterisation methods

In cooperation with:



Organiser: Bernd Hömberg | Haus der Technik e.V. | 45127 Essen/Germany | Phone +49 201 1803-249 | E-Mail b.hoemberg@hdt.de

WISSEN DURCH ERFAHRUNG