

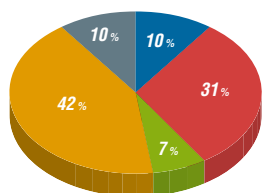
ADVANCED BATTERY POWER 2019 IN AACHEN

The two-day English-speaking symposium Advanced Battery Power is hosted by the Haus der Technik together with the battery research institutes ISEA - Institute for Power Electronics and Electrical Drives at RWTH Aachen University and MEET Battery Research Center at Münster University and has now become one of the leading events involving the subject of battery technology. The professional significance reaches far beyond the subject of automobile use and makes Advanced Battery Power a compulsory event for all engineers, researchers and developers who are involved with energy storage devices in general, new materials, network integration or battery recycling.

We are looking forward to seeing you in Aachen!

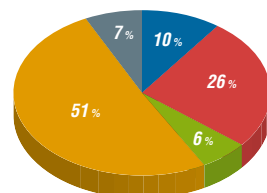
ORIGIN OF VISITORS (PERCENTAGES)

Battery Day NRW



- Automotive OEM
- Suppliers + engineering
- Energy + infrastructure

Battery Conference



- Research + universities
- Politics, associations, banks, media and others.



EXHIBITORS

- Aixcon Powersystems GmbH
- Arbin instruments
- ASAHI Kasei Europe GmbH
- BatterieIngenieure GmbH
- Battery LabFactory Braunschweig (BLB)
- Custom Cells Itzehoe GmbH
- Digatron Power Electronics GmbH
- EKTechnologies GmbH
- eLab RWTH Aachen
- ElektroMobilität NRW
- Excellence.NRW / Cluster EnergieRegion.NRW
- FEV Europe GmbH
- Forschungszentrum Jülich GmbH
- Fraunhofer-Allianz Batterien
- Hioki E.E. Corporation
- IBH Elektrotechnik GmbH
- ISEA, RWTH Aachen
- MACCOR
- Maschinenfabrik Gustav Eirich GmbH & Co. KG
- MEET – Münster Electrochemical Energy Technology, WWU Münster
- Metrohm
- OPAL-RT Europe S.A.
- PEC NV
- rhd instruments GmbH & Co. KG
- Saueressig GmbH & Co. KG
- Thermal Hazard Technology
- Vötsch Industrietechnik GmbH
- Weiss Umwelttechnik GmbH
- WKM Wärmeprozess- und Klimaprüftechnik Michel GmbH
- ZAHNER-Elektrik GmbH & Co. KG



EXHIBITORS CONTACT

www.battery-power.eu/exhibitors

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Participation fee:

1.295,00 Euro

Registration:

www.battery-power.eu

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ADVANCED BATTERY POWER 2019

April 3-4, 2019 in Aachen/Germany

MEDIA PARTNER



BATTERY & ENERGY STORAGE



Eurogress Aachen

Monheimsallee 48, 52062 Aachen

www.battery-power.eu

CONFERENCE CHAIRS



Prof. Dr. Dirk Uwe Sauer

ISEA - Institute for Power Electronics and Electrical Drives, RWTH Aachen University



Prof. Dr. Martin Winter

HI MS - Helmholtz Institute Münster, IEK-12, Forschungszentrum Jülich & MEET - Münster Electrochemical Energy Technology, WWU Münster

KEYNOTE-SPEAKER



Ted Miller

Ford Motor Company



Prof. Dr. Petr Novák

Paul Scherrer Institute



Dr. Matthias Ullrich

Volkswagen AG



Prof. Rachid Yazami

Nanyang Technological University



Dr. Hartung Wilstermann

Webasto E-Solutions & Services Boards



Prof. Dr. Kristina Edström

Uppsala University



Prof. Dr. Andreas Jossen

TU München

**More than 60 talks and plenary speeches
Internationally renowned Keynote-Speakers**

AGENDA

April 2, 2019: Battery Day NRW, Preliminary seminars (German language), Guided Tour ISEA Institute

Day 1 // April 3, 2019

09:00 | Registration

10:00 | Opening of the conference

Prof. Dr. Dirk Uwe Sauer, ISEA, RWTH Aachen University

10:10 | Greetings

Prof. Dr. Werner Klaffke, Haus der Technik e.V.

10:20 | Plenary Talks

Ted Miller, Ford Motor Company // Prof. Dr. Petr Novák, Paul Scherrer Institute // Dr. Matthias Ullrich, Volkswagen Aktiengesellschaft

12:05 | Lunch break with poster session and exhibition

14:00 | Parallel Session 1

Session 1A: Lithium-ion cells – Inactive Components

Yasunori Ozawa, University of Münster // Dr. Dominic Bresser, Karlsruher Institut für Technologie (KIT) // Natascha von Aspern, Forschungszentrum Jülich // Arefeh Kazzazi, Helmholtz Institute Ulm // Prof. Fu-Ming Wang, National Taiwan University of Science and Technology

Session 1B: Battery Systems – Battery Aging

Pablo Korth Pereira Ferraz, Technische Universität Berlin // Dr. Ulriika Mattinen, Royal Institute of Technology (KTH) // Lisa Willenberg, ISEA, RWTH Aachen University // Björn Rumberg, Volkswagen AG // Miss Trishna Raj, University of Oxford

Session 1C: Automotive and mobile applications

Dipl.-Ing. Andrej Golubkov, Kompetenzzentrum - Das virtuelle Fahrzeug Forschungsgesellschaft mbH // M.Sc. Bernd Eping, Volkswagen AG // Ulf Stenzel, AVL SCHRICK GmbH // Rüdiger Beykirch, FEV Europa GmbH // Dr. Phillip Kollmeyer, McMaster University

15:40 | Break with poster session and exhibition

16:45 | Parallel Session 2

Session 2A: Battery Systems – Battery Modeling and Parameterization

Prof. Dr. Wolfgang Bessler, Hochschule Offenburg // Susanne Cernak, Karlsruher Institut für Technologie (KIT) // Adrian Schmidt, Karlsruher Institut für Technologie (KIT) // M. Sc. Jan Singer, Universität Stuttgart

Session 2B: Battery Systems – Battery Diagnostics

Dr.-Ing. Alexander Gitis, ISEA, RWTH Aachen University // Valentin Roscher, Hochschule für Angewandte Wissenschaften Hamburg // Sebastian Ludwig, Technische Universität München // Lukas Gold, Fraunhofer Institute for Silicate Research ISC

Session 2C: Stationary battery systems | Teaching batteries

Jan Girschik, Fraunhofer-Institut für Umwelt-, Sicherheits- und Energietechnik UMSICHT // Stephan Lux, Fraunhofer Institut ISE // M.Sc. Jan Figgenger, ISEA, RWTH Aachen University // Fabian Steger, Technische Hochschule Ingolstadt

18:05 | End of first Day

19:30 | Evening Event

Tivoli VIP Lounge - Krefelder Str. 205, 52070 Aachen

20:30 | Poster Award

Day 2 // April 4, 2019

09:00 | Plenary Talks

Prof. Rachid Yazami, Nanyang Technological University // Dr. Hartung Wilstermann, Webasto E-Solutions & Services Boards // Prof. Dr. Kristina Edström, Uppsala University // Prof. Dr. Andreas Jossen, TU Munich

11:15 | Lunch break with poster session and exhibition

12:55 | Parallel Session 3

Session 3A: Lithium-ion cells: Active Components and Battery Performance

Johannes Betz, MEET - Münster Electrochemical Energy Technology, WWU Münster // Ronald Gordon, Karlsruhe Institute of Technology (KIT) // Dr. rer. nat. Thomas Waldmann, Zentrum für Sonnenenergie- und Wasserstoff-Forschung Baden-Württemberg (ZSW) // Prof. Filippos Farmakis, Democritus University of Thrace // Björn Kleinsteiberg, ISEA RWTH Aachen

Session 3B: Battery Systems – Battery Management and Diagnostics

Ilya Zilberman, Technical University of Munich // Dr. Mikel Oyarbide, CIDE-TEC Energy Storage // Dr. Michael Schönleber, Batemo GmbH // Michael Dippon, Karlsruhe Institut of Technology (KIT) // Emma Vendola, Imperial College London

Session 3C: Beyond and Beside Lithium Ion Technology

Dr. Susanne Doerfler, Fraunhofer IWS // Dipl.-Ing. Magdalena Mandl, Helmholtz Institut Ulm (HIU), Karlsruher Institut für Technologie (KIT) // Verena Küpers, MEET - Münster Electrochemical Energy Technology, WWU Münster // Willi Peters, Dechema-Forschungsinstitut // Dr. Sebastian Pohlmann, Skeleton Technologies GmbH

14:35 | Break with poster session and exhibition

15:20 | Parallel Session 4

Session 4A: Lithium-ion cells – Analytical Methods and Models

Dr Meinert Lewerenz, Technische Hochschule Ingolstadt // Lars von Kolzenberg, Institute of Engineering Thermodynamics, German Aerospace Center // Christiane Rahe, Forschungszentrum Jülich // Paul Kitz, Paul Scherrer Institut // Dr. Simon Wiemers-Meyer, MEET Battery Research Center, University of Münster

Session 4B: Battery Systems – Field and Laboratory Tests

Daniel Becher, Zentrum für Sonnenenergie- und Wasserstoff-Forschung Baden-Württemberg (ZSW) // Christoph Nebl, Technische Hochschule Ingolstadt // Dr. Martin Schwab, AVL List GmbH // Dr. Alastair Hales, Imperial College London // Maria Varini, KTH Royal Institute of Technology

Session 4C: Production and recycling of battery systems and cells

Sören Hollatz, Fraunhofer Institut für Lasertechnik ILT // M.Sc. Anna Kollenda, Technische Universität München // Dr. Alice Hoffmann, ZSW - Zentrum für Sonnenenergie- und Wasserstoff-Forschung Baden-Württemberg // Sophie Sachse, Maher Kouli, Technische Universität Braunschweig // Daniela Fontana, Lithops S.r.l.

16:40 | Summary and Outlook 2019

17:00 | End of conference

FURTHER INFORMATION

www.battery-power.eu

