

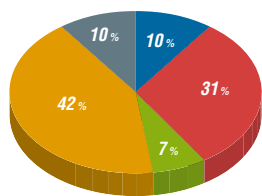
## ADVANCED BATTERY POWER 2019 IN AACHEN

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!

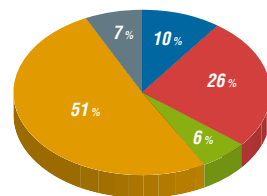
## ORIGIN OF VISITORS (PERCENTAGES)

Battery Day NRW



- Automotive OEM
- Suppliers + engineering
- Energy + infrastructure

Battery Conference



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

## CONFERENCE CHAIRS



**Prof. Dr. Dirk Uwe Sauer**  
ISEA - Institute for Power Electronics and Electrical Drives, RWTH Aachen University

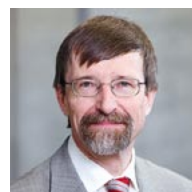


**Prof. Dr. Martin Winter**  
HI MS - Helmholtz Institute Münster, IEK-12, Forschungszentrum Jülich & MEET - Münster Electrochemical Energy Technology, WWU Münster

## KEYNOTE-SPEAKER



**Ted Miller** (solicited)  
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

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### Participation fee:

1.295,00 Euro

### Registration:

www.battery-power.eu

## IN COOPERATION WITH



Power Electronics and Electrical Drives



Forschungszentrum

HELMHOLTZ-INSTITUTE MÜNSTER



WISSEN DURCH ERFAHRUNG



[WWW.BATTERY-POWER.EU](http://WWW.BATTERY-POWER.EU)

**ADVANCED BATTERY POWER 2019**

April 3-4, 2019 in Aachen/Germany

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Eurogress Aachen

Monheimsallee 48, 52062 Aachen

www.battery-power.eu



## 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.
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- Weiss Umwelttechnik GmbH
- WKM Wärmeprozess- und Klimaprüftechnik Michel GmbH
- ZAHNER-Elektrik GmbH & Co. KG



### EXHIBITORS CONTACT

[www.battery-power.eu/exhibitors](http://www.battery-power.eu/exhibitors)

## 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 (solicited) // 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: materials and improvements on properties**

*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**

*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. Christiane Essl, 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**

*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**

*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*

**11:15 | Lunch break with poster session and exhibition**

**12:55 | Parallel Session 3**

**Session 3A: Lithium-ion cells: materials and improvements on properties**

*M. Sc. Jan Singer, Universität Stuttgart // 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 Kleinsteinberg, ISEA RWTH Aachen // Daniela Fontana, Lithops S.r.l.*

**Session 3B: Battery Systems**

*Seydemehdi Hosseininasab, Institute for Combustion Engines VKA // Dr. Mikel Oyarbide, CIDETEC 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: materials and improvements on properties**

*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**

*Daniel Becher, Zentrum für Sonnenenergie- und Wasserstoff-Forschung Baden-Württemberg (ZSW) // Saeed Yari, Hasselt University // Dr. Martin Schwab, AVL List GmbH // Dr. Alastair Hales, Imperial College London // Maria Varini, KTH Royal Institute of Technology*

**Session 3C: 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, 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](http://www.battery-power.eu)

