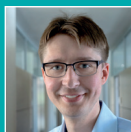




KEYNOTE SPEAKERS



Matthias Machnig, *InnoEnergy GmbH*
Battery Activities in the EU



Dr. Maximilian Wegener, *Manz AG*
Challenges for Machine Builders for the
Production of Lithium-Ion Batteries



Dr. Rüdiger Daub, *BMW Group*
BMW Battery Cell Competence Center –
Opportunities for Improvements in the
Production of Lithium-Ion-Cells



Cécile Tessier, *SAFT*
Improvement of Li-ion Batteries
Performances by Improving Electrodes
Formulation and Process



Prof. Idoia Urdampilleta, *CIDETEC Energy Storage*
Water-based Electrode Manufacturing
with Advanced Li-ion Battery Materials



Prof. Dr. Jens Tübke, *Fraunhofer Allianz Batterie*
Production Research for Battery
Manufacturing – Establishment of the
Necessary Infrastructure

REGISTRATION

Conference Ticket	800€
VDMA Member	600€
Speaker & Poster Presenter	400€
Seminar	550€

All prices include evening event & VAT.

IBPC is organized by



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Venue

Steigenberger Parkhotel Braunschweig
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INTERNATIONAL BATTERY PRODUCTION CONFERENCE

4 to 6 November 2019

INTERNATIONAL BATTERY PRODUCTION CONFERENCE

at Steigenberger Parkhotel Braunschweig, Germany

International Conference

November 4th and 5th, 2019

Seminar

November 6th, 2019

Join us for a Meet & Greet with the Conference Chairs on Sunday, Nov. 3rd, 19:30, Steigenberger Parkhotel Braunschweig



Prof. Christoph Herrmann

Institute of Machine Tools and Production
Technology (IWF) and Fraunhofer IST



Prof. Arno Kwade

Institute for Particle Technology (iPAT)

CONFERENCE DAY 1 | Nov. 4th

- 8:30 | Arrival of Attendees
- 9:00 | Welcome by the Conference Chairs
- 9:20 | Keynote by Matthias Machnig, InnoEnergy
- 9:50 | Keynote by Maximilian Wegener, Manz
- 10:20 | Keynote by Rüdiger Daub, BMW
- 10:50 | Coffee Break
- 11:20 | **Parallel Sessions**
Electrode Production (I) Cell Assembly (I)
- 12:50 | Lunch Break
- 13:40 | Poster Session
- 14:30 | **Parallel Sessions**
Battery Production 4.0 Cell Assembly (II)
- 15:30 | Coffee Break
- 15:50 | **Parallel Sessions**
Battery Production 4.0 Formation & Aging
- 16:50 | Coffee Break
- 17:10 | **Parallel Sessions**
Electrode Production (II) Cell & Pack Housing,
Design & Safety
- 18:30 | End of Day One
- 19:30 | Start of the Evening Event

Preliminary Agenda for the IBPC 2019, full program soon online.

CONFERENCE DAY 2 | Nov. 5th

- 8:30 | Keynote by Cécile Tessier, SAFT
- 9:00 | Keynote by Idoia Urdampilleta, CIDETEC
- 9:30 | Coffee Break
- 11:00 | **Parallel Sessions**
Electrode, Cell and Production of Solid
Module Diagnostics Polymer Batteries
during Production and All Solid State
Batteries
- 12:30 | Lunch Break
- 13:30 | Keynote by Jens Tübke, Fraunhofer Allianz Batterie
- 14:00 | **Parallel Sessions**
Module & Pack Recycling and
Production (I) Sustainability
- 15:00 | Coffee Break
- 15:20 | **Parallel Sessions**
Module & Pack Electrode
Production (II) Production (III)
- 16:40 | End of Conference | Start of Guided Tour BLB

Preliminary Agenda for the IBPC 2019, full program soon online.

PRODUCTION SEMINAR

Nov. 6th, 9:00 – 16:00

Fundamentals of the Battery Cell Production – Processes, Products and their Interactions

Lecturer:

*Dr.-Ing. Wolfgang Haselrieder, Scientific Manager BLB,
Technische Universität Braunschweig*

The seminar with a focus on production processes and resulting products will be framed by three impulse talks of guest speakers to broaden the scope towards cutting-edge insights and future prospects for active materials (anode, cathode) as well as formation and final quality inspection. According battery cell production the objective to design advanced and application specific charge transfer structures of electrodes, their production processes and subsequent cell assembly processes will be discussed. Data on single processes, their interaction and quality parameters involved will be presented to understand the impact of materials and especially processes on physical electrode properties of mechanical, structural and electrical nature. Regarding process-structure-property relationships these physical electrode characteristics will be correlated with cell performance. Exemplary a process model and process simulations of the calendaring process are shown. Additionally, future trends in electrode and cell production will be discussed in context with upcoming cell technologies.

From 15:00:

Guided Tour BLB to answer specific questions at process infrastructure.