

Doctoral Candidates Present: The Battery LabFactory *

Our presentation of the **Battery LabFactory (BLB)** is an invitation to the world of electrochemical storage devices, better known as BATTERIES – a topic that is so relevant for all of us while at the same time, we know so little about! Rather strange actually, considering that batteries seem to be everywhere: In mobile phones, laptops and cars, in kitchen tools, toys and life supporting devices such as pacemakers and defibrillators.

We have entered an era, in which the use of fossil fuels becomes more and more difficult and controversially discussed. Emissions-free alternatives are needed like never before and batteries seem to be one of the answers to this challenge. Exactly here, the Battery LabFactory – a cooperation of 9 institutes and partners including TU Braunschweig and Physikalisch-Technische Bundesanstalt (PTB) - comes in. As a transdisciplinary research and development platform, Battery LabFactory aims at designing the battery of the future. A focus is put on flexible production strategies and process technologies that increase energy density, quality and safety, ecological and economic aspects.

This online-talk is part of the series „Doctoral Candidates Present“ / „Promovierende Präsentieren“ – a series of events that aims at invigoration a lively exchange of young scientists and academics at TU Braunschweig. The series encourages new cooperations and the development of networks with scientists and researchers from other faculties and institutes.

* Please note:

This workshop cannot be credited as a qualification measure at the Faculty of Mechanical Engineering. Nevertheless, participation is open to all doctoral candidates.

Notice

Following the event, you are welcome to meet us and other doctoral candidates for lunch in the Mensa.

