

Public Lecture Series (WiSe 2022 – 23)

»Electrochemistry and Energy Storage«

Mondays, 15.30 – 16.30

17.10.2022

Prof. Christian Masquelier (LRCS, Université de Picardie Jules Verne, France)

Crystal Chemistry of Battery Materials (Electrodes and Solid Electrolytes)

24.10.2022

Prof. John Irvine (School of Chemistry, University of St Andrews, UK)

Materials at the Edge – Exsolution Chemistry Tuning Functionality

31.10.2022

Dr. Sonia Dsoke (KIT, Karlsruhe)

Critical Aspects and Interplay of Components in Na-Ion Batteries

07.11.2022

Prof. Mark Huijben (MESA+ Institute for Nanotechnology, University of Twente, NL)

Lithium Transport in Epitaxial 2D and 3D Thin Films for Solid-State Batteries

21.11.2022 - **Cancelled!!! Alternative date will be announced in due time.**

Prof. André Gröschel (Institute of Physical Chemistry, WWU Münster)

Structure-directing and functional polymers for energy storage

28.11.2022

Prof. Sebastian Thiede (Chair of Manufacturing Systems, University of Twente, NL)

Digitalisation and Sustainability in Battery Manufacturing Process Chains

05.12.2022

Prof. Kristina Edström (Department of Chemistry – Ångström Laboratory Universität Uppsala, Sweden)

Batteries of the future, the challenges we face and the solutions we try.

12.12.2022

Dr. Daniela Werlich (Custom Cells Itzehoe GmbH)

Development of Li-Ion Cells – from Sketch to Series Production

19.12.2022

Dr. Sathiya Mariyappan (Collège de France, Paris, France)

Na-Ion Batteries: Where we are and how long to reach the market?

09.01.2023

Ass. Prof. Kimberly A. See (Division of Chemistry and Chemical Engineering, Caltech, USA)

Towards Sustainable Battery Chemistry: Solid State Ion Conduction of Unconventional Ions

23.01.2023

Dr. Montserrat Casas Cabanas (CIC energiGUNE, Vitoria-Gasteiz Álava, Spain)

Design of Sustainable Materials for the Batteries of the Future

30.01.2023

Dr. Fabian Duffner (Porsche Consulting GmbH)

Better Performance – Lower Costs: The Solid-State Battery. A Beacon of Hope or a Game Changer

