

Bunsen Colloquium
October 06–07, 2014



Lecture Hall H031
Lfl, Schneiderberg 32
30167 Hannover

Scientific Program

Monday, 06.10.2014

- 12.00 – 12.45 h Registration / Snack
- 12.45 – 13.00 h *P. Heitjans (Hannover)*
Welcome & Introduction
- 13.00 – 14.00 h *M. Wark (Oldenburg)*
Carbon and Oxide Materials with Designed Pore Architectures for Li Ion Diffusion and Battery Applications
- 14.00 – 15.00 h *W. Jaegermann (Darmstadt)*
Oxide Thin Film Li-Battery Materials:
Synthesis, Interface Properties and Electrochemical Performance
- 15.00 – 15.30 h Coffee Break
- 15.30 – 16.30 h *A. Senyshyn (München)*
Lithium Diffusion and Diffraction
- 16.30 – 17.30 h *P. Adelhelm (Giessen)*
From Lithium-Ion to Sodium-Ion Batteries: Similarities and Surprises
- 19.30 h Colloquium Dinner

Tuesday, 07.10.2014

- 9.00 – 10.00 h *P. Novak (Zürich)*
Oxides & Co. – Old New Materials to Store Lithium
- 10.00 – 12.00 h Poster Session / Snack
- 12.00 – 13.00 h *H.-D. Wiemhöfer (Münster)*
Lithium Ion Transport in Polymer Electrolyte Films for Solid State Batteries –
An Overview on Concepts, Techniques and Results
- 13.00 – 14.00 h *M. Wilkening (Graz)*
From Ultrafast to Extremely Slow Li Ion Dynamics in (Nano)crystalline Solids –
Dimensionality Effects and Disorder
- 14.00 – 14.15 h Closing of the Colloquium