

Session Program

18-22 Jul 2016



MLZ Conference: Neutrons for Energy

Session VIII: Batteries & Fuel Cells (Chair: Werner Lehnert)

Hotel Wyndham Grand Axelmannstein, Bad Reichenhall, Germany
Salzburger Str. 2-6 83453 Bad Reichenhall

Wednesday 20 July

08:40

Session VIII: Batteries & Fuel Cells (Chair: Werner Lehnert)

Session |**Location:** Hotel Wyndham Grand Axelmannstein, Bad Reichenhall, Germany, Salzburger Str. 2-6 83453 Bad Reichenhall

08:40–09:30

Operando Diffraction During Li Battery Operation using Neutron and Synchrotron X-Ray Radiations

Speaker

Dr Jean-Noël Chotard

Location

Hotel Wyndham Grand Axelmannstein, Bad Reichenhall, Germany, Salzburger Str. 2-6 83453 Bad Reichenhall

09:30–09:50

Enhancing electrolysis performance of perovskite-type electrodes by polarization-driven exsolution of metallic catalyst particles: A synchrotron-based in-situ XRD and XPS study of near-surface chemistry

Speaker

Alexander Opitz

Location

09:50–10:10

Operando Neutron Radiography Analysis of High-Temperature Proton Exchange Membrane Fuel Cell Based on Phosphoric Acid Doped PBI membrane by Using Hydrogen-Deuterium Contrast Method

Speaker

Mr Yu Lin

Location

10:10–10:30

Neutron and X-ray Diffraction Studies of BaCe_{0.85}Y_{0.15}O_{2.925} for Application in Innovative Design of Fuel Cell

Speaker

Dr Kiril Krezhov

Location

10:30