

Session Program

18-22 Jul 2016



MLZ Conference: Neutrons for Energy

Session III: Batteries 1 (Chair: Michael Hofmann)

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

Tuesday 19 July

08:40

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

08:40–09:30

Neutron Depth Profiling: A challenging new method to in situ monitor Lithium in solid-state Li-ion batteries

Speaker

Prof. Peter H.L. Notten

Location

09:30–09:50

Lithium-Ion Batteries monitored by Neutrons

Speaker

Martin Muehlbauer

Location

09:50–10:10

Ionic diffusion in battery cathods, e.g. Na_{0.7}CoO₂

Speaker

Dr Fanni Juranyi

Location

10:10–10:30

Looking non-destructively at the aging mechanisms in commercial LiFePO₄//C 18650 cells with neutron diffraction and electrochemistry

Speaker

Neelima Paul

Location

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10:30