

Session Program

Aug 23 - 28, 2015

XAFS16

VII. Energy-related materials

Tue, August 25

1:20 PM

VII. Energy-related materials

Session | **Location:** 30.95, Audimax B

13:30 – 13:50

Electrochemical operando soft x-ray emission spectroscopy for Li-ion-battery electrodes

Speaker

D. Asakura

13:50 – 14:10

Operando XAS Characterization of LiS Batteries

Speaker

Y. Gorlin

14:10 – 14:30

In situ XAS/XRD Study of Li₂FeSiO₄ as LIB Cathode Material

Speaker

Z. Arthur

14:30 – 14:50

In-situ techniques for soft X-ray spectroscopy on catalytic and electrochemical systems

Speaker

C. Schwanke

14:50 – 15:10

Operando XAS study of Li-S batteries

Speaker

G. Aquilanti

3:10 PM

3:50 PM

VII. Energy-related materials: VII. Energy-related materials

Session | **Location:** 30.95, Audimax B

15:50 – 16:10

Asymmetric pathways in the electrochemical conversion reaction of NiO as battery electrode with high storage capacity

Speaker

M. Marcus

16:10 – 16:30

XAS spectroscopic fingerprint of the active site in non-precious metal electrocatalysts for PEM fuel cells

Speaker

A. Zitolo

16:30 – 16:50

A XAS study of the local environment and reactivity of Pt-sites in functionalized UiO-67 MOFs

Speaker

E. Borgeccia

16:50 - 17:10

On the electronic structure and coordination geometry of iron based metallo-supramolecular coordination polyelectrolytes in working electrochromic devices

Speaker

W. Szczerba

5:10 PM