

Session Program

Aug 23 - 28, 2015

XAFS16

VIII: Soft Matter and biology

Mon, August 24

3:40 PM

VIII: Soft Matter and biology: VIII: Soft Matter and biology

Session | Location:

15:50 - 16:20

Progress in XANES ab initio calculations of complex metalloenzymes with two metal centers

Speaker

W.S. Chu

16:20 - 16:40

Metal-hydride intermediates in FeFe and NiFe hydrogenase enzymes detected and characterized by XAS/XES and DFT

Speaker

R. Kositzki

16:40 - 17:00

Insights into the electronic structure of iron atoms in FeMo cofactor of nitrogenase and related models

Speaker

J. Kowalska

17:00 - 17:20

Zn(II)/Cu(II) cross-coordination to Ab peptides can modulate the peptide aggregation propensity. A XAS structural study

Speaker

E. de Santis

17:20 - 17:40

Characterization of surface contaminants of medical devices

Speaker

B. Pollakowski

5:40 PM