Session Program

Aug 23 – 28, 2015

XAFS16

I: Theory and Modelling, Data analysis

Mon, August 24

10:30 AM

I: Theory and Modelling, Data analysis
Session | **Location:** 1

10:30 – 11:00

Advances in the theory and calculation of many-body effects in x-ray spectra

Speaker
J.J. Kas

11:00 – 11:20

Dynamic structural disorder and reactivity in supported metal nanocatalysts

Speaker
F.D. Vila

11:20 – 11:40

Efficient Bethe-Salpeter equation calculations of x-ray spectra of large systems

Speaker
K. Gilmore

11:40 – 12:00   **FEFF85EXAFS: open source theoretical standards for EXAFS analysis**

Speaker
B. Ravel

12:00 PM

1:10 PM

I: Theory and Modelling, Data analysis: Theory and Modelling, Data analysis
Session | **Location:** 4, 4

13:30 – 13:50

A toolbox for the strong-field representation of charge transfer multiplets of transition metal compounds

Speaker
M.U. Delgado-Jaime

13:50 – 14:10

EXAFS analysis using the new Graphical User Interface of the GNXAS suite of programs

Speaker
K. Hatada

14:10 – 14:30

Disappearance of correlations in the atom motion upon hydrogen intercalation into ReO3 lattice: in-situ EXAFS study, deciphered by a novel reverse Monte Carlo/evolutionary algorithm approach

Speaker
J. Timoshenko

14:30 – 14:50

Efficient multicore parallelization of the finite difference method for x-ray absorption spectroscopy in the FDMNES code

Speaker

A.A. Guda

X-ray absorption spectra of graphene and graphene oxide by Full Potential Multiple Scattering calculations with self-consistent potential

Speaker

X. Junquig

3:10 PM

Thu, August 27

9:00 AM

I: Theory and Modelling, Data analysis: I: Theory and Modelling, Data analysis
Session | **Location:**

9:40 AM

10:20 AM

I: Theory and Modelling, Data analysis: I: Theory and Modelling, Data analysis
Session | **Location:**

12:10 PM