

Please note that all times are in Central European Time / CET

Wednesday – 02/06/2021

Session 1: XAS/XES Methods and Applications

CET	Presentation
08:50	Welcome (Kristina Kvashnina and Stepan Kalmykov)
09:00	Pieter Glatzel The European Synchrotron – ESRF, France <i>Photon-in/photon-out spectroscopy for chemical analysis</i>
09:45	Christoph Sahle The European Synchrotron – ESRF, France <i>X-ray Raman Scattering Spectroscopy: measuring shallow X-ray edges with hard X-rays</i>
10:30	Break
11:00	Simo Huotari University of Helsinki, Finland <i>Laboratory-based X-ray spectroscopy – Helsinki Center for X-ray Spectroscopy</i>
11:45	Matjaz Kavcic Jožef Stefan Institute, Slovenia <i>Tender X-ray Emission/Absorption spectroscopy applied to battery research</i>
12:30	Lunch
14:00	Dorota Koziej University of Hamburg, Germany <i>Photon-in photon-out hard X-ray spectroscopy in nanomaterials research</i>
14:45	Yan Zubavichus Boreskov Institute of Catalysis SB RAS, Russia <i>Soft NEXAFS/XES spectroscopy of bioorganic materials</i>
15:30	Coffee Break
16:00	Kirill Lomachenko The European Synchrotron – ESRF, France <i>X-ray absorption spectroscopy to answer chemical questions</i>
16:45	Alexander Soldatov The Smart Materials Research Institute, Rostov-on-Don, Russia <i>XANES as a tool for 3D local atomic and electronic structure analysis</i>
17:30	Anatoly Frenkel Stony Brook University and Brookhaven National Laboratory, USA <i>Solving Structure at the Nanoscale with X-ray absorption spectroscopy</i>

Thursday – 03/06/2021

Session 2: Nuclear Materials and Environmental Science

CET	Presentation
09:00	Thorsten Stumpf Institut für Ressourcenökologie, Helmholtz-Zentrum Dresden-Rossendorf e.V., Germany <i>Actinide Chemistry at HZDR</i>
09:45	Andrew Berry Australian National University, Australia <i>Quantitative determination of oxidation states in minerals and melts</i>
10:30	Break
11:00	Sam Shaw University of Manchester, UK <i>Fate of actinides incorporated into minerals: Application of XAS and XES to radionuclide behaviour during nuclear decommissioning and radioactive waste disposal</i>
11:45	Damien Prieur Institut für Ressourcenökologie, Helmholtz-Zentrum Dresden-Rossendorf e.V., Germany <i>Application of XAS to a wide range of nuclear studies</i>
12:30	Lunch
14:00	Sergei Butorin Uppsala University, Sweden <i>Advanced X-ray Spectroscopy of actinides</i>
14:45	Tonya Vitova Karlsruhe Institute of Technology and KARA Synchrotron, Germany <i>Actinide electronic structure and speciation using high energy resolution X-ray emission and absorption spectroscopy</i>
15:30	Coffee Break
16:00	Philippe Martin CEA Marcoule, France <i>XAS and studies on nuclear fuels</i>
16:45	Thomas Dumas CEA Marcoule, France <i>EXAFS application to actinide separation science and chemistry in aqueous solutions</i>

Friday – 04/06/2021

Session 3: Electronic Structure Theory

CET	Presentation
09:00	Frank de Groot Utrecht University, The Netherlands <i>Interpretation of the transition metal K edges</i>
09:45	Dimitrios Manganas Max-Planck-Institut für Kohlenforschung, Germany <i>Core level Spectroscopy with ORCA</i>
10:30	Break
11:00	Yves Jolly Institut Néel, CNRS, France <i>The use of ab initio simulations of x-ray spectroscopies to extract more information from the data</i>
11:45	Lucia Amidani Institut für Ressourcenökologie, Helmholtz-Zentrum Dresden-Rossendorf e.V., Germany <i>XANES analysis of actinide systems</i>
12:30	Closing remarks