

3rd Workshop on the Simultaneous Combination of Spectroscopies with X-ray Absorption, Scattering and Diffraction Techniques

Thursday, 5 July 2012

Poster Session - Main Hall HG E (10:30 - 12:00)

[id] title	presenter	board
[30] In situ X-ray absorption investigation of the effect of Sm ₂ O ₃ and CeO ₂ promoters on the structure of Rh/Al ₂ O ₃ catalysts in methane steam reforming	Ms DUARTE, Renata Bessa	
[28] Low temperature synthesis of amorphous nickel silicide colloids and their use as precursors for the preparation of highly dispersed supported nickel nanoparticles.	Dr BAUDOIN, David	
[22] Nitrous oxide reductase with a unique [4Cu:2S] centre from the denitrifying <i>Pseudomonas stutzeri</i>	Mrs WUEST, Anja	
[61] Integration of complementary spectroscopy on ID29 ESRF MAD beamline	Dr VON STETTEN, David	
[65] Time-resolved Powder Diffraction at the SLS Materials Science beamline	Dr CERVELLINO, Antonio	
[68] MS3 - the always-online on-axis in-situ Raman, Absorption, and Fluorescence Microspectrophotometer of the Swiss Light Source MX beamlines	Dr FUCHS, Martin R.	
[69] Structural changes during the enzymic action of isopropylmalate dehydrogenase	Dr PALLO, Anna	
[24] Monitoring flavin X-ray radiation damage using single crystal spectroscopy	Dr RØHR, Åsmund Kjendseth	
[26] Combined X-ray crystallographic, in-situ UV-Vis and QM/MM studies highlight alternate retinal binding modes in CRALBP	Dr STOCKER, Achim	
[48] Catalytic decomposition of guanidinium formate as novel ammonia precursor for selective catalytic reduction of NO _x	Mr PEITZ, Daniel	
[46] Mechanism of oxygen storage capacity of nano-ceria: Correlation of in situ XAS, RIXS, XRD and Raman spectroscopy	Dr PAUN, Cristina Dr SAFONOVA, Olga	
[44] New high temperature-high pressure XAS cell to study salt precipitation at- and near- supercritical conditions of water.	Dr PIN, Sonia	
[45] Thermal motion induced forbidden reflections	Dr BEUTIER, Guillaume	
[41] Identification, structural and biochemical characterization of a RsmD-like Methyltransferase from <i>Mycobacterium tuberculosis</i> .	Mr KUMAR, atul	
[49] Redox pathways of CuO-based, Al ₂ O ₃ stabilized oxygen carriers for chemical looping combustion	Mr IMTIAZ, Qasim	
[14] A possible mechanism for X-ray induced photoreduction	Ms HEINTZ, Desiree	
[13] Crystallography, Spectroscopy and other Capabilities of the CMCF beamlines at the Canadian Light Source	Dr GROCHULSKI, Pawel	
[38] SNBL a dedicated beamline for combined XRD-XAFS-RAMAN	Dr ABDALA, Paula Dr VAN BEEK, Wouter	
[71] In situ EXAFS and XRD studies on formation of molybdenum carbides for higher alcohol synthesis	CARVALHO, H.	
[70] X-ray absorption spectroscopy studies of ubiquinol oxidase membrane protein	Dr NAZARENKO, Elena	

[15] A novel setup for combined in situ XAS, DRIFTS and MES	Dr FERRI, Davide	
[58] Vacuum FT-IR Spectrometer: Research Tool at IR Beamlines of Electron Synchrotrons	Dr WIRZ, Ronny	
[16] High-Pressure Freezing of Protein Crystals	Dr BURKHARDT, Anja	
[33] Structural investigations of $\text{Li}_2\text{MnO}_3 \cdot \text{Li}(\text{Ni}_x\text{Co}_y\text{Mn}_z)\text{O}_2$ – Neutron diffraction, in situ X-ray diffraction, and in situ Raman spectroscopy	Mr BLEITH, Peter	
[36] Highly uniform metallic and metal alloy nanocrystals, and their superlattices	Dr YAREMA, Maksym	
[19] Selective X-ray induced NO-photodissociation in hemoglobin crystals: evidences from a crystallography-assisted Raman microscopy study	Mr PICA, Andrea	
[54] Fischer-Tropsch synthesis from biosyngas: Operando investigation of bimetallic cobalt-iron catalysts	Dr KHODAKOV, Andrei	
[31] In situ XRD study of sulfidation of pure and Cu-doped ZnO nanoparticles by H₂S	Dr BEZVERKHYY, Igor	
[50] Towards an understanding of carbon materials in energy storage applications by X-ray Raman Scattering and optical Raman Spectroscopy	MELKE, Julia	