

Number	field	Posternr	Posterwall	Presenter	1st Author Poster	Title
15_P_005	1	I_Mon_01	I_01	Klementiev, K.	Klementiev, K.	pyXAFSmass: a program for calculating the optimal mass of XAFS samples
14_P_002	1	I_Mon_02	I_02	Yang, D.-S.	Yang, D.-S.	Characterization of interatomic potentials in EXAFS study
14_P_003	1	I_Mon_03	I_03	Bocharov, D.	Bocharov, D.	Ab initio molecular dynamics simulations of the Sc K-edge EXAFS of scandium trifluoride
14_O_007	1	I_Mon_04	I_04	Koide, A.	Koide, A.	Real-space multiple-scattering theory of XMCD including spin-orbit interaction in scattering process
15_P_004	1	I_Mon_05	I_05	Becker, P.	Becker, P.	Sequential Fitting of EXAFS for Time Resolved Data
06_O_001	1	I_Mon_06	I_06	Chen, N.	Chen, N.	FDMNES Modeling Guided XANES Study and XAS Modeling Database at HXMA BL, Canadian Light Source
14_O_009	1	I_Mon_07	I_07	Delgado-Jaime, M.U.	Delgado-Jaime, M.U.	CTM4DOC: A toolbox for the strong-field representation of charge transfer multiplets of transition metal compounds
15_P_002	1	I_Mon_08	I_08	Ghiasi, M.	Ghiasi, M.	Local electronic structure of Mn and Co in LaMn <sub>1-x</sub> Co <sub>x</sub> O <sub>3</sub> nano-perovskite series
02_P_050	1	I_Mon_09	I_09	Guilherme Buzanich, A.	Guilherme Buzanich, A.	Single-shot XANES with a Color X-ray Camera (CXC) at the BAMline (BESSY-II)
15_P_003	1	I_Mon_10	I_10	Kalinko, A.	Kalinko, A.	Molecular dynamics and reverse Monte Carlo modeling of scheelite-type AWO <sub>4</sub> (A=Ca, Sr, Ba) EXAFS spectra
15_O_007	1	I_Mon_11	I_11	Chantler, C.T.	Bourke, J.D.	FDMX: Full-Potential Calculations of EXAFS for Extraction of Structural, Thermal, and Electronic Properties from Absolute Accuracy Measurements
14_P_004	1	I_Mon_12	I_12	Juhin, A.	Rozsályi, E.	First-Principles Calculations of the Cr K Pre-Edge and Near-Edge Structures in the Spinel Solid Solution ZnAl <sub>2-x</sub> Cr <sub>x</sub> O <sub>4</sub>
14_O_019	1	I_Mon_13	I_13	Subías-Peruga, G.	Subías-Peruga, G.	EUSpec - Modern tools for spectroscopy on advanced materials: a European modelling platform
15_O_006	1	I_Tue_01	I_01	Chantler, C.T.	Chantler, C.T.	X-ray Spectroscopic Advances in Condensed Matter Interactions with X-rays
15_P_001	1	I_Tue_02	I_02	Provost, K.	Provost, K.	Improving the estimation of scattering paths amplitude for path selection in EXAFS fit
15_O_012	1	I_Tue_03	I_03	Michalowicz, A.	Michalowicz, A.	A New Version of MAX-StraightNoChaser: XAFS Linear Chemometry. LSF, PCA and MCR-ALS optimized for EXAFS and XANES
15_O_013	1	I_Tue_04	I_04	Müller, O.	Müller, O.	JAQ – JAQ Analyzes QEXAFS: Software for processing and analyzing time resolved XAS data
13_P_003	1	I_Tue_05	I_05	Nemausat, R.	Nemausat, R.	Dealing with vibrations into XANES absorption cross-section
15_O_001	1	I_Tue_06	I_06	Prestipino, C.	Prestipino, C.	PrestoPronto: a specially developed algorithm for quick handling large data sets
14_O_018	1	I_Tue_07	I_07	Purans, J.	Purans, J.	Local structure of perovskites ReO <sub>3</sub> and ScF <sub>3</sub> with negative thermal expansion: interpretation beyond the quasiharmonic approximation
14_P_001	1	I_Tue_08	I_08	Rudolph, J.	Rudolph, J.	Quantum-Chemical Methods for the Calculation of Metal
15_P_006	1	I_Tue_09	I_09	Spangenberg, T.	Spangenberg, T.	Improvement of the efficient referencing and sample positioning system for microfocused synchrotron X-ray techniques
14_P	1	I_Tue_10	I_10	Suchkova, S.	Suchkova, S.	Carbon Bonding in Parylene N: examination by Density Functional Theory and C K-edge XANES
15_O_008	1	I_Tue_11	I_11	van Bokhoven, J.A.	Smolentsev, G.	Calculation of XANES spectra of 5d metal complexes using molecular orbitals approach
14_O_015	1	I_Tue_12	I_12	Xu, J.	Hatada, K.	Full Potential Multiple Scattering Theory with self-consistent charge and potential
01_P-014	2	II_Mon_01	II_01	Ablett, J.M.	Ablett, J.M.	The Galaxies Hard X-Ray Resonant Inelastic Scattering End-Station At The Soleil Synchrotron
01_O_010	2	II_Mon_02	II_02	Schlesiger, C.	Schlesiger, C.	XAFS spectroscopy by an X-ray tube based spectrometer using a novel type of HOPG mosaic crystal and optimized image processing
01_P-025	2	II_Mon_03	II_03	Zimina, A.	Zimina, A.	The CAT-ACT Beamline at ANKA: A new high energy X-ray spectroscopy facility for CATalysis and ACTinide research
01_P-002	2	II_Mon_04	II_04	Jiang, Z.	Jiang, Z.	Beamline Station for Energy Materials Study (E-line)
17_O_010	2	II_Mon_05	II_05	Nakajima, N.	Nakajima, N.	Sub-microsecond response of a barium titanate single crystal to pulsed high-electric field probed by time-resolved x-ray absorption spectroscopy
01_P-020	2	II_Mon_06	II_06	Samson, V.A.	Samson, V.A.	Fast X-ray Beam Intensity Stabilization for Absorption Spectroscopy and Spectromicroscopic Imaging
01_P-007	2	II_Mon_07	II_07	Zander, S.	Zander, S.	XANES End-Station of the KMC-2 Beamline at BESSY II
01_P-001	2	II_Mon_08	II_08	Bondarenko, T.	Bondarenko, T.	High brightness microfocus X-ray source development
17_O_006	2	II_Mon_09	II_09	Hatada, K.	Hatada, K.	Saturation phenomena in EUV/soft x-ray absorption of ultra short Free Electron Laser pulses: models and results
17_O_008	2	II_Mon_10	II_10	Assefa, T.	Assefa, T.	Ligand Exchange Mechanisms in Photoexcited Iron(II) Hexacyanide Molecule Using Time-resolved X-ray Spectroscopic Techniques
17_O_007	2	II_Mon_11	II_11	Britz, A.	Britz, A.	Time-resolved X-ray Absorption and Emission Spectroscopy to Disentangle Reaction Coordinates in Photoexcited Molecules
01_P-008	2	II_Mon_12	II_12	Chernikov, R.	Chernikov, R.	Fast EXAFS in synchronous scanning mode at PETRA P06
01_P-006	2	II_Mon_13	II_13	d'Acapito, F.	d'Acapito, F.	Upgrade of the Italian CRG beamline at the ESRF: LISA-BM08
01_P-011	2	II_Mon_14	II_14	Figueroa, S.J.A.	Figueroa, S.J.A.	Upgrades on XAFS2 beamline control system and endstation at the LNLS
01_P-016	2	II_Mon_15	II_15	Huthwelker, T.	Huthwelker, T.	PHOENIX: A tender X-ray Absorption Spectroscopy beamline with micro focus at the SLS
01_P-026	2	II_Mon_16	II_16	Pollock, C.J.	Pollock, C.J.	Dual Analyzer Valence Emission Spectrometer for Two-Color X-ray Emission Spectroscopy
01_P-017	2	II_Tue_01	II_01	Sigfridsson Claus, K.	Klementiev, K.	The BALDER Beamline at the MAX IV Laboratory
17_P_004	2	II_Tue_02	II_02	Bugaev, A.L.	Bugaev, A.L.	Coherent X-ray Diffraction and Absorption Combined for Time-Resolved Study of Biological Complexes: Simulations towards the XFEL Experiment
01_P-024	2	II_Tue_03	II_03	Mangold, S.	Mangold, S.	Updated control-system at ANKA-XAS for highly reliable beamline operation
01_P-027	2	II_Tue_04	II_04	Glover, C.	Glover, C.	Optimisation of a Ge pixel detector – how low can we go?
01_O_009	2	II_Tue_05	II_05	Kato, K.	Kato, K.	Development of highly-stable Bragg polychromator for energy dispersive XAFS
01_P-009	2	II_Tue_06	II_06	Lützenkirchen-Hecht, D.	Lützenkirchen-Hecht, D.	XAFS at the new material science beamline 10 at the DELTA storage ring
17_P_006	2	II_Tue_07	II_07	Naumova, M.	Naumova, M.	Structural dynamics of a biomimetic complex [Cu <sub>2</sub> (TMGphSphTMG) <sub>2</sub> ] <sup>2+</sup> upon photoexcitation studied with time-resolved pump-probe XAFS
17_P_002	2	II_Tue_08	II_08	Niwa, Y.	Niwa, Y.	Nanosecond time-resolved dispersive XAFS study on laser shock-induced fragmentation of copper foil
01_P-018	2	II_Tue_09	II_09	Ohresser, P.	Ohresser, P.	Deimos: A Beamline For Dichroic X-Ray Absorption Fully Optimized For Molecular Magnetism
01_P-012	2	II_Tue_10	II_10	Saveliev, V.D.	Saveliev, V.D.	Development and Characterisation of Multi-Element SDD XRF Spectrometers for High Count Rate Applications
01_P-003	2	II_Tue_11	II_11	Tabuchi, M.	Tabuchi, M.	Hard X-ray XAFS beam-line, BL551, at AichiSR
01_P-010	2	II_Tue_12	II_12	Welter, E.	Welter, E.	P65 a new beamline for applied EXAFS spectroscopy

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16_O_002	2	II_Tue_13	II_13	Nagasaka, M.	Nagasaka, M.	Soft X-ray absorption spectroscopy of liquid and application to electrochemical reaction
01_P_015	2	II_Tue_14	II_14	Hayama, S.	Diaz-Moreno, S.	I20 Beamline: Versatile Spectroscopy Beamline at Diamond Light Source
17_O_004	2	II_Tue_15	II_15	Guda, A.	Smolentsev, G.	Setup for time-resolved XAS measurements with sub-microsecond resolution. Application to study the structure of Co intermediates of H <sub>2</sub> evolving photo-catalyst
03_O_021	3	III_Mon_01	III_01	Bugaev, A.L.	Bugaev, A.L.	Hydride formation in Pd/C nano-catalysts studied by in situ Pd K-edge XAS and XRPD
16_O_019	3	III_Mon_02	III_02	Wang, Q.	Wang, Q.	Concurrent XAFS and XRD: the Case of the In Situ Studies of Mo-Based Cathode in Lithium-Ion Batteries
03_O_030	3	III_Mon_03	III_03	Agostini, G.	Agostini, G.	XAS/DRIFT/MS experimental setup on ID24/BM23 at ESRF
16_O_022	3	III_Mon_04	III_04	Marini, C.	Marini, C.	Local disorder investigation in NiS <sub>2-x</sub> Se <sub>x</sub> using Raman and Ni K-edge x-ray absorption spectroscopies
16_P_005	3	III_Mon_05	III_05	Amemiya, K.	Amemiya, K.	Depth-resolved X-ray magnetic circular dichroism measurement by a multi-anode microchannel plate detector combined with polarization switching
13_P_005	3	III_Mon_06	III_06	Attaiaa, M.-B.	Attaiaa, M.-B.	Implementation of NRIXS in Quantum Espresso
13_P_001	3	III_Mon_07	III_07	Brandenburg, T.	Brandenburg, T.	Perfluoro Effect of Ring-shaped Molecules Studied with Soft X-rays
13_O_005	3	III_Mon_08	III_08	Demchenko, I.N.	Demchenko, I.N.	XPS measurements of ultrathin niobium layers buried in silicon matrix
13_P_004	3	III_Mon_09	III_09	Elnaggar, H.	Elnaggar, H.	Resonant inelastic x-ray scattering linear dichroism at the K-edge of Magnetite
16_O_020	3	III_Mon_10	III_10	Schroeder, S.L.M.	Gainar, A.	The Structure of Para-Aminobenzoic Acid (PABA) in Solution: Studies Combining NEXAFS and UV-Vis Spectroscopy
16_P_010	3	III_Mon_11	III_11	Gao, Q.	Gao, Q.	32 ELEMENT ARRAY detector data acquisition
16_O_018	3	III_Mon_12	III_12	Gianolio, D.	Gianolio, D.	B18 capabilities for in situ experiments in catalysis
13_O_012	3	III_Mon_13	III_13	Golnak, R.	Golnak, R.	Tuning the electronic property of the porphyrin metal center
02_P_035	3	III_Mon_14	III_14	Wei, S.	Yang, L.	Combined spectroscopic techniques in probing the etching-induced formation process of monodisperse Au <sub>13</sub> nanoclusters
16_P_009	3	III_Mon_15	III_15	Marchionni, V.	Ferri, D.	A Versatile Reactor Cell For Experiments Combining X-Ray Based And Vibrational Techniques
16_P_008	3	III_Mon_16	III_16	Kubin, M.	Kubin, M.	Understanding Photosynthetic Water Splitting – Towards Mn L-edge Spectroscopy on Photosystem II
13_P_010	3	III_Mon_17	III_17	Seidler, G.T.	Mortensen, D.R.	Benchtop Nonresonant X-ray Emission Spectroscopy: Coming Soon to Laboratories and Beamlines Near You?
16_P_001	3	III_Tue_01	III_01	Yang, C.	Yang, C.	CO <sub>2</sub> adsorption on CeO <sub>2</sub> (110)
16_P_004	3	III_Tue_02	III_02	Yang, D.-S.	Yang, D.-S.	Separation of different atomic shells in EXAFS spectrum using the regularization method
03_O_004	3	III_Tue_03	III_03	Han, S.-W.	Han, S.-W.	Shape of nanoparticles determined by EXAFS
13_O_011	3	III_Tue_04	III_04	Huang, Y.	Huang, Y.	A high energy resolution fluorescence detection spectrometer and its application at SSRF
16_O_015	3	III_Tue_05	III_05	Iesari, F.	Iesari, F.	Local symmetry in liquid metals probed by x-ray absorption spectroscopy
16_P_002	3	III_Tue_06	III_06	Lamberti, C.	Lamberti, C.	Pd nanoparticles formation inside porous polymeric scaffolds followed by in situ XANES/SAXS
13_P_007	3	III_Tue_07	III_07	Li, J.	Li, J.	A High-resolution Johann-type Hard X-ray Spectrometer at SSRF
13_P_008	3	III_Tue_08	III_08	Harder, M.	Harder, M.	An energy dispersive x-ray spectrometer for the FXE end station at XFEL
13_O_002	3	III_Tue_09	III_09	Miedema, P.S.	Miedema, P.S.	RIXS on silicon carbide – electron phonon scattering and thermal band gap evolution
16_O_004	3	III_Tue_10	III_10	Rochet, A.	Rochet, A.	A Quick-XAS and Raman spectroscopic study to identify the sulphidation ability of a dehydrated NiMo/Al <sub>2</sub> O <sub>3</sub> catalyst
13_O_017	3	III_Tue_11	III_11	Wahab, H.	Wahab, H.	Experimental approaches to the determination of the optical constants for graphene in the soft x-ray regime
16_O_001	3	III_Tue_12	III_12	Zhang, Y.	Zhang, Y.	The comprehensive analysis for the structure and effect of annealing in colloidal matrix-free Ge quantum dots through EXAFS and XANES calculation
16_P_007	3	III_Tue_13	III_13	Zhao, S.	Zhao, S.	Oligomer formation during ethylene hydrogenation reaction as probed by operando XAFS/STEM/IR
13_P_009	3	III_Tue_14	III_14	Schlesiger, C.	Anklam, L.	A novel von Hamos spectrometer for efficient X-ray emission spectroscopy in the laboratory
13_P_011	3	III_Tue_15	III_15	Takahashi, O.	Nishida, N.	XAS and RIXS study of acetic acid and methyl formate in liquid
16_O_023	3	III_Tue_16	III_16	Cognigni, A.	Cognigni, A. <sup>1*</sup>	Multivariate curve resolution (MCR) applied to X-ray absorption spectroscopy: A suitable technique to process large datasets; extract and enhance irreducible components their concentration profile and reveal surface/interface contributions.
03_P_003	4	IV_Mon_01	IV_01	Blasco, J.	Blasco, J.	Local structure of Iridium organometallic catalysts covalently bonded to carbon nanotubes
03_P_009	4	IV_Mon_02	IV_02	Braglia, L.	Braglia, L.	XAS on Rh, Ir, Pt, and Au metal sites in UiO-67 Zirconium Metal-organic Frameworks
03_P_029	4	IV_Mon_03	IV_03	Cavusoglu, G.	Cavusoglu, G.	Characterization of catalysts and membranes in microreactor under WGS reaction conditions at the synchrotron
10_P_008	4	IV_Mon_04	IV_04	Trcera, N.	Trcera, N.	Local structure around silicon on silicene deposited onto Ag(110) and Ag(111) surfaces
10_O_009	4	IV_Mon_05	IV_05	Yalovega, G.	Yalovega, G.	Metal oxide nanocomposites: morphological and X-ray spectroscopy studies
10_P_005	4	IV_Mon_06	IV_06	Yang, C.	Yang, C.	NEXAFS studies of N <sub>2</sub> O conversion on reduced ceria surface
10_P_003	4	IV_Mon_07	IV_07	Abe, H.	Abe, H.	Observations of Ni(30 nm)/Si surface redox processes by Kramers-Kronig reflection XAFS method
03_P_021	4	IV_Mon_08	IV_08	Akatsuka, M.	Akatsuka, M.	XAFS analysis for quantification of the gallium coordinations in Al <sub>2</sub> O <sub>3</sub> -supported Ga <sub>2</sub> O <sub>3</sub> photocatalysts
03_O_022	4	IV_Mon_09	IV_09	Avakyan, L.A.	Avakyan, L.A.	Multishell EXAFS study of Pt/Ce(La)O nano-catalysts
03_P_005	4	IV_Mon_10	IV_10	Balerna, A.	Balerna, A.	Structural characterization of bimetallic Pd-Cu vapor derived catalysts
10_P_002	4	IV_Mon_11	IV_11	Bebensee, F.	Bebensee, F.	Adsorption of Tetrahydroxybenzene on Cu(111) and Ni(111)
08_P_001	4	IV_Mon_12	IV_12	Bouledroua, M.	Bouledroua, M.	Photoabsorption profile and satellite features of Li(2p←2s) perturbed by ground-state hydrogen atoms
03_P_034	4	IV_Mon_13	IV_13	Carvalho, H.W.P.	Carvalho, H.W.P.	In situ XAS monitoring the formation of Pd <sub>2</sub> Ga/SiO <sub>2</sub> nanoparticles for CO <sub>2</sub> hydrogenation to methanol
10_P_010	4	IV_Mon_14	IV_14	Casarin, B.	Casarin, B.	Local Structure of the Crystalline GeTe Layer in Interfacial Phase Change Materials

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10_P_006	4	IV_Mon_15	IV_15	Chang, S.-Y.	Chang, S.-Y.	In Situ XAS Studies of Pd Nanoparticle Nucleation at an Interface of Two Immiscible Phases
03_P_004	4	IV_Mon_16	IV_16	Coletta, V.C.	Coletta, V.C.	Synthesis and characterization of Sr <sub>1-x</sub> Cu <sub>x</sub> TiO <sub>3</sub> and SrTi <sub>1-x</sub> Cu <sub>x</sub> O <sub>3</sub> perovskites applied to the water-gas shift reaction
03_P_037	4	IV_Mon_17	IV_17	Doronkin, D.E.	Doronkin, D.E.	In situ X-ray absorption of promoted flame-synthesized cobalt-based methanation catalysts
03_O_028	4	IV_Mon_18	IV_18	Feiters, M.C.	Feiters, M.C.	Iridium N-Heterocyclic Carbene Complexes for Water Oxidation and Para-Hydrogen Induced Hyperpolarization
10_O_012	4	IV_Mon_19	IV_19	Szczerba, W.	Szczerba, W.	Depth profiling of chemical composition of thin oxide layers of magnetoresistive iron powders
08_P_002	4	IV_Mon_20	IV_20	Hauko, R.	Hauko, R.	K-edge absorption spectra of 3p elements in hydrides
03_P_008	4	IV_Mon_21	IV_21	Ichikuni, N.	Ichikuni, N.	Nb K- and L <sub>3</sub> -edges XAFS study on the structure of supported Nb carbide catalyst
03_P_013	4	IV_Mon_22	IV_22	Inada, Y.	Chotiwan, S.	Time-resolved study on dynamic chemical state conversion of supported metal species on silica by means of dispersive XAFS technique
02_P_015	4	IV_Mon_23	IV_23	Johannessen, B.	Steven, J.T.	Growth of catalytic Au nanoparticles upon electrochemical ageing
10_P_011	4	IV_Mon_24	IV_24	Kobayashi, E.	Kobayashi, E.	NEXAFS study of MgO(100) exposed to the atmosphere
03_P_033	4	IV_Mon_25	IV_25	Kunisu, M.	Kunisu, M.	Chemical state analyses of Ag/CeO <sub>2</sub> catalyst in PM contact and combustion procedure by using in situ XAFS technique
02_O_066	4	IV_Mon_26	IV_26	Lassalle-Kaiser, B.	Lassalle-Kaiser, B.	Probing structural and electronic changes in HER-active MoS <sub>x</sub> electrocatalysts by In situ X-ray absorption spectroscopy at the Mo K- and L- edges and S K-edge.
03_P_036	4	IV_Mon_27	IV_27	Lawniczak-Jablonska, K.	Lawniczak-Jablonska, K.	Estimation of the catalytic centre in double metal cyanide catalysts by XAS
03_P_016	4	IV_Mon_28	IV_28	Legens, C.	Legens, C.	Sulfur speciation in organic petroleum products: a comparative XANES and cryo-XPS study
03_P_001	4	IV_Mon_29	IV_29	Li, Y.	Li, Y.	Thermal properties of size-selective nanoparticles: Effect of the particle size on Einstein temperature
03_P_023	4	IV_Mon_30	IV_30	Wittee-Lopes, C.	Wittee-Lopes, C.	In-situ liquid-cell XAS study of bromates removal using Pd/C as catalyst
03_O_015	4	IV_Mon_31	IV_31	Maclennan, A.	Maclennan, A.	In Situ XAS Investigation of Solvation Effects on Iron Nanoparticle Precursors
03_P_017	4	IV_Mon_32	IV_32	Mohammidi, M.R.	Mohammidi, M.R.	Stability and self-repair of amorphous Co-based oxides for water oxidation
03_P_028	4	IV_Mon_33	IV_33	Wang, H.	Alabi, W.	XANES study of Effect of Mg/Al on the structure of Ni-Co /Al-Mg-O Catalyst for CO <sub>2</sub> Reforming of CH <sub>4</sub>
03_P_022	4	IV_Mon_34	IV_34	Briois, V.	Ribeiro Passos, A.	Influence of alumina properties on supported cobalt catalysts and ethanol steam reforming activity
01_O_004	4	IV_Mon_35	IV_35	Niwa, Y.	Kimura, M.	In situ observation of reduction kinetics and its chemical-state mapping of heterogeneous behaviors in iron-ore sinters
03_P_018	4	IV_Tue_01	IV_01	Blasco, J.	Blasco, J.	XAFS study of graphene-Iridium hybrid catalysts
03_O_008	4	IV_Tue_02	IV_02	Braglia, L.	Braglia, L.	Oxygen migration kinetics monitored by the concentration of Ce <sup>3+</sup> sites in reducing conditions
03_P_030	4	IV_Tue_03	IV_03	Cavusoglu, G.	Cavusoglu, G.	Flame made ceria supported noble metal catalysts for efficient H <sub>2</sub> production via the water gas shift reaction
08_P_003	4	IV_Tue_04	IV_04	Mazalova, V.L.	Mazalova, V.L.	Photoisomerization of molecular switchers studied by XANES and DFT methods
03_P_020	4	IV_Tue_05	IV_05	Wang, J.	Wang, J.	In Situ Determination of Nanoparticle Size of Pd Catalysts
10_P_009	4	IV_Tue_06	IV_06	Wei, X.	Wei, X.	Interface structures of perodic multilayers studied by standing wave XAFS
03_P_024	4	IV_Tue_07	IV_07	Yalovega, G.	Yalovega, G.	In situ XAFS investigation of the nucleation and growth of Pt/Cr nanoparticles for fuel cells application
10_P_007	4	IV_Tue_08	IV_08	Yao, T.	Jiang, Y.	XAFS study on the growth of gold nano-crystals by different solvents
17_O_002	4	IV_Tue_09	IV_09	Nayak, C.	Nayak, C.	Growth of Block Copolymer Stabilized Gold Nanoparticles: Probed Simultaneously by Time Resolved EXAFS and UV-Vis Spectroscopy
03_P_011	4	IV_Tue_10	IV_10	Nishimura, Y.F.	Nishimura, Y.F.	Three-dimensional atomic distribution in a bimetallic nanoparticle evaluated by an iterative EXAFS analysis
10_P_004	4	IV_Tue_11	IV_11	Roese, S.	Roese, S.	A XANES study on the properties of embedded Ag clusters
03_O_014	4	IV_Tue_12	IV_12	Safonova, O.	Safonova, O.	Transient fluorescence detected X-ray absorption spectroscopy provides deeper insight in the CO oxidation mechanism on ceria based catalyst
10_O_003	4	IV_Tue_13	IV_13	Sakamaki, M.	Sakamaki, M.	Role of interface oxide state for the electric field effect of Fe/BaTiO <sub>3</sub> investigated by x-ray absorption spectroscopy
03_P_010	4	IV_Tue_14	IV_14	Sasaki, T.	Sasaki, T.	Structural analysis of NiO nanocluster catalysts on SiO <sub>2</sub> by using XAFS measurements
03_P_012	4	IV_Tue_15	IV_15	Schoch, R.	Schoch, R.	EXAFS analysis of a new iron based CO oxidation catalyst
03_O_025	4	IV_Tue_16	IV_16	Schroeder, S.L.M.	Chang, S.-Y.	Why Au L <sub>3</sub> XANES White Line Intensities Can Be a Poor Predictor of Oxidation State
03_O_013	4	IV_Tue_17	IV_17	Schwanke, C.	Schwanke, C.	In-situ Soft X-ray Absorption Measurements of Oxygen Evolution Catalysts from Transition Metal Oxides
03_P_027	4	IV_Tue_18	IV_18	Subbiah, V.	Subbiah, V.	Electronic Structure Determination of Lutidine Derived Iron and Cobalt Pincer Catalysts for Hydrogenation Reactions
03_O_040	4	IV_Tue_19	IV_19	Günter, T.	Günter, T.	Operando HERFD-XANES, EXAFS and vtc-XES for elucidating the difference in the mechanism for NO <sub>x</sub> -removal by ammonia SCR over Fe- and Cu-based zeolite catalysts
17_P_001	4	IV_Tue_20	IV_20	Takahashi, K.	Takahashi, K.	Local structural analysis of laser shock-induced fragmentation of copper foil
17_P_007	4	IV_Tue_21	IV_21	Tofighi, G.	Hofmann, G.	Investigation of rapid Gold Nanoparticle Formation in Continuous Flow by XAS
03_P_014	4	IV_Tue_22	IV_22	Wada, T.	Wada, T.	μ-XAFS Investigation of a Real μ-Gas Sensor to Reveal the Origin of Methane Selectivity Degradation
03_O_020	4	IV_Tue_23	IV_23	Wang, A.	Liu, X.L.	XAS Characterization of FeO <sub>x</sub> -Supported Platinum Single-Atom and Pseudo-Single-Atom Catalysts for Chemoselective Hydrogenation of Functionalized Nitroarenes
03_P_015	4	IV_Tue_24	IV_24	Watanabe, T.	Ikeda, K.	XAFS analysis of calcination process for Cr catalysts supported on γ-Al <sub>2</sub> O <sub>3</sub> and SiO <sub>2</sub>
10_O_006	4	IV_Tue_25	IV_25	Wolska, A.	Wolska, A.	XAFS study on the ion and light irradiated magnetic trilayers containing Co sandwiched between Au or Pt layers
03_P_019	4	IV_Tue_26	IV_26	Yamamoto, M.	Yamamoto, M.	XAFS study on Ag species in Ag/Ga <sub>2</sub> O <sub>3</sub> photocatalyst
03_P_025	4	IV_Tue_27	IV_27	Yamamoto, T.	Yamamoto, T.	XAFS characterization of tungsten oxides on metal-ion doped ZrO <sub>2</sub> strong solid acids
03_P_007	4	IV_Tue_28	IV_28	Yamamoto, Y.	Yamamoto, Y.	Microscopic investigations for preparation and redox processes of supported Ni catalyst prepared by sol-gel method

Number	field	Posternr	Posterwall	Presenter	1st Author Poster	Title
03_P_006	4	IV_Tue_29	IV_29	Yamashita, S.	Yamashita, S.	Clarification of redox mechanism of nickel species supported on silica
03_P_002	4	IV_Tue_30	IV_30	Yoshida, T.	Yoshida, T.	XAFS study on photodeposition process of Pt nanoparticles on TiO <sub>2</sub> photocatalyst
03_O_034	4	IV_Tue_31	IV_31	Zhou, J.	Zhou, J.	High OER activity in nanosized Li <sub>2</sub> Co <sub>2</sub> O <sub>4</sub> originated from {001} facet containing intermediate-spin state Co <sup>3+</sup> ions
03_P_026	4	IV_Tue_32	IV_32	Lichtenberg, H.	Boubnov, A.	Oxidation state and coordination geometry extracted from Fe K-pre-edge features: influence of spectral resolution and data quality
10_P_001	4	IV_Tue_33	IV_33	Bhattacharyya, D.	Yadav, A.K.	X-ray absorption spectroscopy of Mn doped ZnO thin films prepared by rf sputtering technique
	4	IV_Tue_34	IV_34	Roth, C.	Kaserer, S.	Following the anode and cathode reactions in HT-PEM fuel cells by in-situ XANES studies
04_P_005	5	V_Mon_01	V_01	Dardenne, K.	Finck, N.	Interaction of selenite with reduced Fe and/or S species
06_P_012	5	V_Mon_02	V_02	Aquilanti, G.	Giorgetti, M.	Fe, Ni and Zn speciation in airborne particulate matter
04_O_014	5	V_Mon_03	V_03	Bahl, S.	Bahl, S.	Comparative U, Np and Pu M edge high energy resolution X-ray absorption spectroscopy (HR-XANES) investigations of model and genuine active waste glass
06_O_004	5	V_Mon_04	V_04	Best, S.P.	Best, S.P.	XAS of Polymer Inclusion Membranes – Impact of Oligomerisation on Separation of Cobalt(II) Using Cyanex
06_P_015	5	V_Mon_05	V_05	Borca, C.N.	Borca, C.N.	In-situ probing of calcium carbonate formation by X-ray Absorption Spectroscopy
06_P_017	5	V_Mon_06	V_06	Requejo, F.G.	Andrini, L.	Temperature-induced structural phase transitions in a clay aluminosilicate system. Al K-edge XANES as a probe for crystalline–to non crystalline–crystalline transformations
06_P_011	5	V_Mon_07	V_07	Vasconcelos, I.F.	Vasconcelos, I.F.	Chemical reactions of Arsenic complexation by glutathione: a XAFS study
04_P_002	5	V_Mon_08	V_08	Hayes, J.R.	Hayes, J.R.	Investigation of the Thermal Stability of Nd <sub>2</sub> Sc <sub>2</sub> Zr <sub>1-x-y</sub> O <sub>2-z</sub> Inert Matrix Fuel Materials
06_P_016	5	V_Mon_09	V_09	Joly, Y.	Del Net, W.	High Energy Resolution Fluorescence Detection X-ray Absorption Spectroscopy in Environmental and Earth Sciences on CRG-FAME beamline at ESRF
06_P_003	5	V_Mon_10	V_10	Kéri, A.	Kéri, A.	Competitive metal adsorption on montmorillonite investigated by combining X-ray absorption spectroscopy and atomistic simulations
06_P_008	5	V_Mon_11	V_11	Kravtsova, A.N.	Kravtsova, A.N.	Diagnostics of Ti environment in hibonite: X-ray investigation and computer modeling
06_P_001	5	V_Mon_12	V_12	Yamamoto, T.	Yamamoto, T.	XAFS study of trace elements in coal ash and by-products from coal combustion plant
06_P_010	5	V_Mon_13	V_13	Li, L.	Li, L.	Potential Applications on Environmental Science by Medium Energy XAFS Technique Proposed in SSRF Phase-II Beamlines Project
06_O_014	5	V_Mon_14	V_14	Mishra, B.	Mishra, B.	Ligand and Surface Effects on Reduction of Mercury by Iron and Manganese
04_P_001	5	V_Mon_15	V_15	Mosselmans, F.	Mosselmans, F.	The study of radionuclide behaviour in extreme alkaline environments by X-ray absorption spectroscopy
06_P_004	5	V_Mon_16	V_16	Katsikini, M.	Zougrou, I.M.	Characterization of fossil remains using XRF, XPS and XAFS spectroscopies
04_P_004	5	V_Mon_17	V_17	Parry, S.	Parry, S.	XAS measurements of radioactive samples at B18 (Core XAS) beamline
04_O_004	5	V_Tue_01	V_01	Bocharov, D.	Bocharov, D.	Interpretation of the U L <sub>3</sub> -edge EXAFS in uranium dioxide using molecular dynamics and density functional theory simulations
04_P_003	5	V_Tue_02	V_02	Dardenne, K.	Dardenne, K.	XAFS investigations of highly radioactive waste samples: spent nuclear fuel and HLW glass
06_P_018	5	V_Tue_03	V_03	Finck, N.	Finck, N.	Polarized XAS signatures of structural Fe in dioctahedral and trioctahedral smectites
04_P_006	5	V_Tue_04	V_04	Podkovyrina, Y.	Podkovyrina, Y.	U M4 HR-XANES and Ab Initio Investigations of UO <sub>3</sub> Polymorphic forms
	5	V_Tue_05	V_05	Prüßmann, T.	Prüßmann, T.	High energy resolution XANES studies of lanthanide partitioning complexes
04_O_003	5	V_Tue_06	V_06	Curti, E.	Curti, E.	X-ray spectroscopy of selenium in high-burnup UO <sub>2</sub> spent nuclear fuel
06_P_013	5	V_Tue_07	V_07	Roy, A.	Roy, A.	Sulfur XANES Spectroscopy of Spilled BP Crude Oil in the Gulf of Mexico
06_O_008	5	V_Tue_08	V_08	Showalter, A.R.	Showalter, A.R.	Sorption Mechanisms of Metals to Graphene Oxide
06_P_019	5	V_Tue_09	V_09	Sternemann, C.	Nyrow, A.	Bulk sensitive determination of the local coordination, oxidation, and spin state of iron containing compounds by x-ray Raman scattering
06_P_006	5	V_Tue_10	V_10	Tobase, T.	Tobase, T.	Local structure of Ca, Ti, Mn and Fe in meteorite fusion crust
06_P_007	5	V_Tue_11	V_11	Weis, C.	Weis, C.	Pressure-induced spin transition of iron in siderite single crystal studied by x-ray Raman scattering
06_P_009	5	V_Tue_12	V_12	Kravtsova, A.N.	Kravtsova, A.N.	X-ray spectral diagnostics of synthetic lanthanide silicates
06_P_005	5	V_Tue_13	V_13	Miyano, Y.	Miyano, Y.	XAFS study of Ni, Fe, Mn, Cr and Ca in K-T boundary clays from Stevns Klint
04_O_002	5	V_Tue_14	V_14	Geiger, E.	Geiger, E.	Fission Products Behaviour in UO <sub>2</sub> submitted to Nuclear Severe Accident Conditions
06_P_022	5	V_Tue_15	V_15	Clover, C.J.	Collin, R.N.	Ferric Iron hydrolysis and precipitation - An in-situ XAS study
01_P_004	5	V_Tue_16	V_16	Pinakidou, Fani	Pinakidou, F.	Micro and conventional XAFS study of incinerated Cr-rich tannery wastes
06_P_020	5	V_Tue_17	V_17	Szczerba, W.	Rieseemeier, H.	XAFS study of structural properties of Al and Na doped iron-phosphate glasses
02_O_004	6	VI_Mon_01	VI_01	Babanov, Y.	Babanov, Y.	Atomic structure of solid solutions by EXAFS and X-ray diffraction
02_P_020	6	VI_Mon_02	VI_02	Chernysheva, O.	Chernysheva, O.	Local atomic and crystal structure in Ti50Ni25Cu25 shape memory alloy
11_O_024	6	VI_Mon_03	VI_03	Cai, L.	Cai, L.	XAFS Study on Ultrathin Ferromagnetic MoS <sub>2</sub> Nanosheets
09_O_012	6	VI_Mon_04	VI_04	Kappen, P.	Kappen, P.	Towards Iron-Carbon Multi-Functional Nanomaterial
11_O_017	6	VI_Mon_05	VI_05	Mazalova, V.L.	Mazalova, V.L.	Ni clusters on a silicon surface: Density Functional Theory and X-ray absorption spectroscopy study
09_P_005	6	VI_Mon_06	VI_06	Yao, T.	Bao, J.	In situ XAFS study on the growth mechanism of Diphosphine-stabilized Gold Nanoclusters
09_O_017	6	VI_Mon_07	VI_07	Agarwal, A.	Agarwal, A.	XRD studies of pure and doped TiO <sub>2</sub> nanostructures
02_O_048	6	VI_Mon_08	VI_08	Guda, A.	Sukharina, G.	Local atomic and electronic structure of ferroelectric materials: X-ray investigation and computer modeling
02_O_038	6	VI_Mon_09	VI_09	Asanov, I.P.	Asanov, I.P.	Study of local structure in intercalated compounds of fluorinated graphite with bromine
02_O_042	6	VI_Mon_10	VI_10	Asanova, T.	Asanova, T.	Energy-dispersive XAFS and PXRD study of (NH <sub>4</sub> ) <sub>2</sub> [OsCl <sub>6</sub> ] thermolysis
09_O_001	6	VI_Mon_11	VI_11	Ata, S.	Ata, S.	Preparation of carboxyl-modified Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> nanoparticles and their application for the removal of Cadmium and Nickel from aqueous solution
02_P_009	6	VI_Mon_12	VI_12	Azzeddinea, H.	Azzeddinea, H.	EXAFS investigation of the local atomic structure in a Cu-Ni-Si alloy after HPT processing and annealing
02_P_042	6	VI_Mon_13	VI_13	Booth, S.G.	Booth, S.G.	Brust-Schiffrin Synthesis: A mechanistic study

Number	field	Posternr	Posterwall	Presenter	1st Author Poster	Title
11_O_008	6	<a href="#">VI_Mon_14</a>	<a href="#">VI_14</a>	Bordage, A.	Bordage, A.	Investigation of Prussian Blue analogues by XMCD at the K-edge of transition metals
02_O_030	6	<a href="#">VI_Mon_15</a>	<a href="#">VI_15</a>	Brumbach, M.	Brumbach, M.	Modeling and Characterization of Exemplar Sealing Glasses to Develop Chemistry-Structure-Property Relationships
02_P_004	6	<a href="#">VI_Mon_16</a>	<a href="#">VI_16</a>	Chiou, J.-W.	Chiou, J.-W.	The electronic structure of Li-doped ZnO thin films studied by x-ray absorption and photoelectron spectroscopy
11_P_009	6	<a href="#">VI_Mon_17</a>	<a href="#">VI_17</a>	Chirawatkul, P.	Chirawatkul, P.	A study of cation distributions as a function of Co concentration in CoxMg1-xFe2O4 nanoparticles
11_O_003	6	<a href="#">VI_Mon_18</a>	<a href="#">VI_18</a>	Cuartero, V.	Cuartero, V.	X-ray magnetic circular dichroism study of the magnetic anisotropy on TbMnO3
02_P_013	6	<a href="#">VI_Mon_19</a>	<a href="#">VI_19</a>	Dubiel, M.	Dubiel, M.	Silver nanoparticles in silicate glass prepared by UV laser: dependencies of size and atomic structure of particles upon irradiation parameters
02_P_018	6	<a href="#">VI_Mon_20</a>	<a href="#">VI_20</a>	Eckner, S.	Eckner, S.	Bond stretching force constants in (In,Ga)P
11_P_011	6	<a href="#">VI_Mon_21</a>	<a href="#">VI_21</a>	Efimov, V.	Efimov, V.	Co K and L2,3-edges XMCD study of the spin state transition in LaCoO3 single crystal
09_O_003	6	<a href="#">VI_Mon_22</a>	<a href="#">VI_22</a>	Frenkel, A.	Amit, Y.	Effects of Dopant Type and Concentration on the Structure of Doped InAs Nanocrystal Quantum Dots
02_P_045	6	<a href="#">VI_Mon_23</a>	<a href="#">VI_23</a>	Gamaletsos, P.	Gamaletsos, P.	Fe K-edge XAFS study of Greek bauxites and their metallurgical residues (red mud)
13_O_003	6	<a href="#">VI_Mon_24</a>	<a href="#">VI_24</a>	García-Ruiz, J.	Lafuerza, S.	Charge ordering in LuFe2O4 studied by high resolution powder diffraction and resonant x-ray scattering
02_P_031	6	<a href="#">VI_Mon_25</a>	<a href="#">VI_25</a>	Geondzhian, A.Y.	Geondzhian, A.Y.	The influence of hydrostatic pressure on intermediate valence state of Eu in compound EuCu2Ge2
02_P_011	6	<a href="#">VI_Mon_26</a>	<a href="#">VI_26</a>	Hsieh, S.H.	Hsieh, S.H.	Lattice distortion associated x-ray absorption linear dichroism and anisotropy of resistivity around thermal hysteresis region in the single crystal SrFeO3-δ
11_P_006	6	<a href="#">VI_Mon_27</a>	<a href="#">VI_27</a>	Huang, M.-J.	Huang, M.-J.	Local electronic structure and magnetic interaction in LaCo1-xNi3Ox polycrystalline samples
09_O_007	6	<a href="#">VI_Mon_28</a>	<a href="#">VI_28</a>	Ikemoto, H.	Ikemoto, H.	Local Structures of Te Nanoparticles Prepared at Liquid Nitrogen Temperature
02_O_046	6	<a href="#">VI_Mon_29</a>	<a href="#">VI_29</a>	Kabanova, V.	Kabanova, V.	High local disorder in Tb2Hf2O7 pyrochlore oxide nanocrystals
02_O_029	6	<a href="#">VI_Mon_30</a>	<a href="#">VI_30</a>	Kompch, A.	Kompch, A.	EXAFS Investigation of Sb-doped ZnO nanoparticles
02_O_018	6	<a href="#">VI_Mon_31</a>	<a href="#">VI_31</a>	Konstantynov, P.	Konstantynov, P.	Thermally activated decomposition of (Ga,Mn)As thin layers at medium temperature post growth annealing
11_O_021	6	<a href="#">VI_Mon_32</a>	<a href="#">VI_32</a>	Kowalik, I.A.	Kowalik, I.A.	X-ray spectro-microscopy on ZnO thin films: tracing the origin of ferromagnetism upon Co doping
11_O_013	6	<a href="#">VI_Mon_33</a>	<a href="#">VI_33</a>	Fatima, S.	Fatima, S.	Photomagnetism in Fe/Co PBA Dinuclear Complex: XAS/XMCD at Co and Fe L2,3 edges
02_P_030	6	<a href="#">VI_Mon_34</a>	<a href="#">VI_34</a>	Di Cicco, A.	Properzi, L.	Short-range order of compressed amorphous chalcogenide alloys by XAS
02_O_059	6	<a href="#">VI_Mon_35</a>	<a href="#">VI_35</a>	Han, S.-W.	Jin, Z.	Local structural and electrical properties of metal-insulator-transition materials
02_O_063	6	<a href="#">VI_Mon_36</a>	<a href="#">VI_36</a>	Zhang, L.	Zhang, L.	Experimental Evidence of η2 Binding Motif in a Uranyl-Amidoxime Solution
11_P_013	6	<a href="#">VI_Mon_37</a>	<a href="#">VI_37</a>	Leon, A.	Diop, L.	X-ray absorption study of La1-xCexFe12B6 intermetallic compounds
02_P_043	6	<a href="#">VI_Tue_01</a>	<a href="#">VI_01</a>	Chernysheva, O.	Tsyvashchenko, A.	XAFS studies of new high pressure phase YbAg2
02_P_040	6	<a href="#">VI_Tue_02</a>	<a href="#">VI_02</a>	Hu, F.	Huang, T.	XAFS study on the HCl-Induced Transformation of Au11 to Au13 nanoclusters
02_P_037	6	<a href="#">VI_Tue_03</a>	<a href="#">VI_03</a>	Huang, J.	Jiang, S.	XAFS study on Co3O4 nanowire arrays electrode under different annealing treatment
02_P_025	6	<a href="#">VI_Tue_04</a>	<a href="#">VI_04</a>	Koide, A.	Koide, A.	Vacancy identification in GaN doped with rare earth element by XANES
09_O_014	6	<a href="#">VI_Tue_05</a>	<a href="#">VI_05</a>	Wei, S.	Huang, Y.	In-situ XAFS probing solvent-induced removal process of Alkanethiol ligands from Colloidal Au Nanoparticles
11_O_007	6	<a href="#">VI_Tue_06</a>	<a href="#">VI_06</a>	Lafuerza, S.	Lafuerza, S.	XMCD study at the Fe L2,3-edges of the magnetic ordering in LuFe2O4
02_P_029	6	<a href="#">VI_Tue_07</a>	<a href="#">VI_07</a>	Li, Y.	Lomachenko, K.A.	Structural evolution of MOF-76-Ce upon desolvation
02_O_058	6	<a href="#">VI_Tue_08</a>	<a href="#">VI_08</a>	Ma, Q.	Ma, Q.	X-ray absorption and scattering studies of polycrystalline and amorphous transparent conducting oxide thin films
02_P_010	6	<a href="#">VI_Tue_09</a>	<a href="#">VI_09</a>	Mastelaro, V.R.	Escanhoela Jr, C.A.	XANES study of Sr1-yLayTi1-xFexO3 thin film applied as ozone gas sensor
09_P_007	6	<a href="#">VI_Tue_10</a>	<a href="#">VI_10</a>	Mirzaei, S.	Mirzaei, S.	Temperature dependency analysis of Ge+1 ions embedded in Si3N4 by ion implantation
02_P_005	6	<a href="#">VI_Tue_11</a>	<a href="#">VI_11</a>	Ninama, S.	Ninama, S.	XRD, Mössbauer and XAFS Investigations of Cu-Ni ferrites
11_P_002	6	<a href="#">VI_Tue_12</a>	<a href="#">VI_12</a>	Zimmermann, P.	Zimmermann, P.	First 1s2p RIXS-MCD measurements of the half-metal chromium dioxide (CrO2)
11_O_010	6	<a href="#">VI_Tue_13</a>	<a href="#">VI_13</a>	Paul-Boncour, V.	Paul-Boncour, V.	Pressure induced structural and magnetic transitions in Y1-xTbxFe2D4.2 compounds (x=0, 0.5)
02_O_039	6	<a href="#">VI_Tue_14</a>	<a href="#">VI_14</a>	Persson, I.	Persson, I.	Coordination chemistry of tin(II) and tin(IV) in aqueous and dimethylsulfoxide solution
02_O_065	6	<a href="#">VI_Tue_15</a>	<a href="#">VI_15</a>	Polozhentsev, O.	Polozhentsev, O.	Synthesis, characterization and modeling of i-Al65Cu23Fe12 quasicrystals
02_O_016	6	<a href="#">VI_Tue_16</a>	<a href="#">VI_16</a>	Priolkar, K.R.	Priolkar, K.R.	Importance of local structural distortions in magnetocaloric effect in Mn based Antiperovskites
09_P_004	6	<a href="#">VI_Tue_17</a>	<a href="#">VI_17</a>	Requejo, F.G.	Requejo, F.G.	XAFS studies of critical parameters of Cu atomic quantum clusters stability
02_P_021	6	<a href="#">VI_Tue_18</a>	<a href="#">VI_18</a>	Rossi, G.	Rossi, G.	Local structure of ZnOEP porphyrin molecular thin films
11_P_007	6	<a href="#">VI_Tue_19</a>	<a href="#">VI_19</a>	Shao, Y.C.	Shao, Y.C.	Temperature-dependent stimulated strains on atomic and electronic structures of epitaxial Nd0.35Sr0.65MnO3 thin-films with different thicknesses
11_P_010	6	<a href="#">VI_Tue_20</a>	<a href="#">VI_20</a>	Sikolenko, V.	Sikolenko, V.	EXAFS and XRD study of local structural distortions in LaCoO3 across spin-state, metal-dielectric and FM-AFM transitions
02_P_006	6	<a href="#">VI_Tue_21</a>	<a href="#">VI_21</a>	Subías, G.	Subías, G.	Dependence of the Jahn-Teller distortion in LaMnO3 on the isovalent Mn-site substitution
09_P_003	6	<a href="#">VI_Tue_22</a>	<a href="#">VI_22</a>	Tanaka, H.	Tanaka, H.	In situ observation of reproducible copper nanoparticles
02_O_062	6	<a href="#">VI_Tue_23</a>	<a href="#">VI_23</a>	Tao, S.	Tao, S.	Phase Separations in LiFe1-xMnxPO4 Characterized by X-ray Absorption Spectroscopy
02_O_034	6	<a href="#">VI_Tue_24</a>	<a href="#">VI_24</a>	Temba, C.	Temba, C.	Isotropic modification of the oxygen octahedron in SrTiO3 under uniaxial pressure revealed by X-ray absorption spectroscopy
11_O_016	6	<a href="#">VI_Tue_25</a>	<a href="#">VI_25</a>	Wakisaka, Y.	Wakisaka, Y.	Variation of density of states and local structural transformation under the metamagnetic transition of FeRh
11_P_001	6	<a href="#">VI_Tue_26</a>	<a href="#">VI_26</a>	Wang, H.-T.	Wang, H.-T.	Magnetic anisotropic properties of Pd/Co/Pd trilayer films
11_P_004	6	<a href="#">VI_Tue_27</a>	<a href="#">VI_27</a>	Wang, Y.-F.	Wang, Y.-F.	Observation of the origin of d0 magnetism in ZnO nanostructures using X-ray-based microscopic and spectroscopic techniques
11_O_022	6	<a href="#">VI_Tue_28</a>	<a href="#">VI_28</a>	Wende, H.	Wende, H.	Utilizing the interaction with surfaces to create new molecular-based spin-hybrid systems

Number	field	Posternr	Posterwall	Presenter	1st Author Poster	Title
11_P_008	6	VI_Tue_29	VI_29	Yaroslavtsev, A.	Yaroslavtsev, A.	The pressure impact on magnetism and valence fluctuations in EuCo2P2-based materials
02_P_002	6	VI_Tue_30	VI_30	Yoshiasa, A.	Yoshiasa, A.	Temperature dependence of Zr K-edge XANES spectra for para-electric perovskite-type PbZrO3
11_O_012	6	VI_Tue_31	VI_31	Yoshimoto, Y.	Yoshimoto, Y.	Calculation of X-ray magnetic dichroism and magnetic anisotropy of iron porphyrin on Cu(001)
02_P_049	6	VI_Tue_32	VI_32	Yoshioka, S.	Yoshioka, S.	Local structure investigation of Mg-Zn-Gd alloys with long period stacking ordered structure
02_O_023	6	VI_Tue_33	VI_33	Kuzmin, A.	Kuzmin, A.	Pressure-induced insulator-to-metal transition in a-SnWO4
09_P_002	6	VI_Tue_34	VI_34	Feng, R.	Kremer, F.	EXAFS study of the aging effects on the photoluminescence of Tin implanted silica
11_P_003	6	VI_Tue_35	VI_35	Tripathi, S.	Tripathi, S.	X-ray magnetic circular dichroism study of rare-earth M4,5 and transition metal L2,3 absorption edges on Nd based rare earth permanent magnets
13_P_002	6	VI_Tue_36	VI_36	Wang, R. P.	Wang, R. P.	The Iron Vacancy Order Competing with Superconductivity in the K2Fe4Se5 Superconductor
02_O_061	6	VI_Tue_37	VI_37	Zhang, J.	Zhang, J.	Study the Structure Evolution of Nanocatalysts via In situ X-ray Absorption Spectroscopy
02_P_008	7	VII_Mon_01	VII_01	Giorgetti, M.	Giorgetti, M.	Structural and electronic studies of metal hexacyanoferrates based cathodes for Li rechargeable batteries
02_P_039	7	VII_Mon_02	VII_02	Huang, J.	Huang, J.	XAFS study on structure-activity correlations of $\alpha$ -Co(OH)2 nanosheets water oxidation catalysts
01_O_003	7	VII_Mon_03	VII_03	Provost, K.	Provost, K.	XAS and XRD studies of the thermal and Li-driven electrochemical dehydrogenation of nanocrystalline complex hydrides Mg2MHx (M=Fe, Co, Ni)
02_O_002	7	VII_Mon_04	VII_04	Banerjee, D.	Banerjee, D.	Solving the local structure of Palladium in LSCF-Pd perovskites for solid oxide fuel cells (SOFCs) application
02_O_022	7	VII_Mon_05	VII_05	Batchelor, D.R.	Batchelor, D.R.	Elucidation of Orientation and Electronic structure of Organic Photovoltaics using XANES
02_O_006	7	VII_Mon_06	VII_06	Boscherini, F.	Niu, G.	Local structure and properties of rare – earth alloy oxide thin films on Si
02_P_048	7	VII_Mon_07	VII_07	Guda, A.	Shapovalov, V.	In-situ XAFS and XRD study of modern nanostructured iron fluorides based cathode materials for application in Li-ion rechargeable batteries
02_P_019	7	VII_Mon_08	VII_08	Hirsch, O.	Hirsch, O.	The role of Ni in the MoO2 lattice – The valence and neighborhood of the Ni dopant in monoclinic MoO2
02_P_052	7	VII_Mon_09	VII_09	Hugenbruch, S.	Hugenbruch, S.	Valence-to-Core x-ray emission spectroscopy as a tool to identify and quantify metal-hydride interactions
02_P_024	7	VII_Mon_10	VII_10	Kageyama, H.	Kageyama, H.	XAFS study of composite cathode materials of Li2S and iron sulfides for rechargeable lithium batteries
02_P_041	7	VII_Mon_11	VII_11	Kobayashi, H.	Kobayashi, H.	Investigation on Electrochemical Property of oxide-coated Li-excess Mn-based Layered Oxides
02_P_033	7	VII_Mon_12	VII_12	Leon, Aline	Dixon, D.	Enhanced electrochemical performance in high-volt Ni-Mn spinel cathodes by group 8 transition metals doping
02_O_010	7	VII_Tue_01	VII_01	Giorgetti, M.	Giorgetti, M.	Local structure modification in lithium rich layered Li-Mn-O cathode material
02_P_051	7	VII_Tue_02	VII_02	Aramini, M.	Aramini, M.	The fate of magnesium in fullerene polymer Mg2C60: an X-ray Raman perspective
02_P_047	7	VII_Tue_03	VII_03	Melke, J.	Melke, J.	Metal-support interactions of platinum nanoparticles deposited on polyaniline and N-doped carbon nanofibers
02_P_027	7	VII_Tue_04	VII_04	Pietnoczka, A.	Pietnoczka, A.	X-ray Absorption Fine Structure of kesterite Cu2ZnSn(S1-xSex)4 materials
02_P_022	7	VII_Tue_05	VII_05	Soo, Y.-L.	Soo, Y.-L.	Variations of cobalt local structure incurred by thermal annealing and x-ray exposure in (Y, Co)-codoped nanocerium investigated by using XANES and EXAFS
02_P_044	7	VII_Tue_06	VII_06	Tanida, H.	Tanida, H.	Micro-XAFS study of relaxation of reaction distribution in the depth of LiFePO4 and LiCoO2 electrodes
02_P_026	7	VII_Tue_07	VII_07	Thomas, R.	Wandt, J.	Operando XAS as a probe of metal dissolution in Li ion batteries
02_O_026	7	VII_Tue_08	VII_08	Trapananti, A.	Trapananti, A.	Structure of iron- and cobalt-doped ZnO as anode materials for Li-ion batteries
02_P_046	7	VII_Tue_09	VII_09	Wallesch, M.	Wallesch, M.	Cu K XANES and EXAFS spectroscopy on Cu(I)-emitters
02_P_034	7	VII_Tue_10	VII_10	Witkowska, A.	Witkowska, A.	Fe local structure in Pt-free nitrogen-modified carbon based electrocatalysts: XAFS study
02_P_023	7	VII_Tue_11	VII_11	Zhu, X.	Zhu, X.	Individual 1D Nanostructures Investigated by 3D-resolved Polarization Dependent X-ray Absorption Spectra
02_O_013	7	VII_Tue_12	VII_12	Leon, A.	Leon, A.	How X-ray absorption spectroscopy highlighted some relevant aspects of a hydrogen storage material
02_P_001	7	VII_Tue_13	VII_13	Xu, W.	Zhu, Y.	Structural phase transitions in ionic conductor Bi2O3 by temperature dependent XPD and XAS
05_P_001	8	VIII_Mon_01	VIII_01	Alves Lima, F.	Alves Lima, F.	Combined XAS-DFT study on the FeMo cofactor of Nitrogenase: new insights into the electronic structure
05_P_009	8	VIII_Mon_02	VIII_02	Schrapers, P.	Schrapers, P.	Cobalt redox and axial ligation changes in cobalamin proteins and reference complexes revealed by XAS and DFT
05_O_012	8	VIII_Mon_03	VIII_03	Schuth, N.	Schuth, N.	Collection of valence-to-core (KB2,5) X-ray emission spectra of ultra-dilute biological samples using a sampling approach
12_P_001	8	VIII_Mon_04	VIII_04	Serva, A.	Serva, A.	Unveiling the complex network of interactions in Ionic Liquids: a combined EXAFS and Molecular Dynamics approach
05_P_007	8	VIII_Mon_05	VIII_05	Julius, K.	Julius, K.	A high hydrostatic pressure extended x-ray absorption fine structure study of aqueous salt solutions
05_P_006	8	VIII_Mon_06	VIII_06	Sugiyama, T.	Sugiyama, T.	Detection and chemical state analysis of trace metallic elements in oral mucosal lesions using SR-XRF, PIXE, and XAFS
05_P_004	8	VIII_Mon_07	VIII_07	Trigub, A.	Trigub, A.	EXAFS characterization of metal bonding in highly luminescent, stable, water-soluble and biocompatible lanthanide complexes.
05_P_010	8	VIII_Mon_08	VIII_08	Wandzilak, A.	Wandzilak, A.	Changes in the oxidation states of iron and copper as a potential marker of cancerous tissue.
05_O_010	8	VIII_Mon_09	VIII_09	Soldatov, A.	Kremennaya, M.	Local atomic structure and oxidation processes of Cu(I) binding site in amyloid beta peptide: XAS Study
05_P_008	8	VIII_Tue_01	VIII_01	Alves Lima, F.	Alves Lima, F.	Solvent effects in the structure and electronic properties of porphyrins with catalytic activity
05_P_003	8	VIII_Tue_02	VIII_02	Arcon, I.	Arcon, I.	Iron localization and speciation in wheat grains by $\mu$ -PIXE and Fe K-edge XANES
05_O_009	8	VIII_Tue_03	VIII_03	Drzewiecka, A.	Drzewiecka, A.	Synthesis and XAFS studies of bioactive copper complexes with thiourea derivatives



Number	field	Posternr	Posterwall	Presenter	1st Author Poster	Title
05_O_001	8	VIII_Tue_04	VIII_04	Joshi, S.K.	Joshi, S.K.	X-ray absorption fine structure study of copper(II) mixed ligand complexes with imidazole as one of the ligands
12_O_001	8	VIII_Tue_05	VIII_05	Stevens, J.	Stevens, J.	pH Chemical Speciation and Bond Lengths of p-Aminobenzoic Acid in Solution by Core Level Spectroscopy
05_O_004	8	VIII_Tue_06	VIII_06	Klepka, M.	Klepka, M.	XAFS studies of copper complexes with coumarin derivatives
05_O_013	8	VIII_Tue_07	VIII_07	Kositzki, R.	Kositzki, R.	High-valent [FeFe] and [MnFe] cofactors in a ligand-binding oxidase studied by advanced XAS, XES, and NIS techniques
05_P_002	8	VIII_Tue_08	VIII_08	Padeznik Gomilsek, J.	Padeznik Gomilsek, J.	XANES and EXAFS study analysis of Ni hyperaccumulator plant <i>Berkheya zeyheri</i>
05_P_002	8	VIII_Tue_08	VIII_08	Padeznik, Jana	Padeznik, J.	XANES and EXAFS study analysis of Ni hyperaccumulator plant <i>Berkheya zeyheri</i>
05_P_005	8	VIII_Tue_09	VIII_09	Yu, M.	Yu, M.	XAFS study of the configuration of Cu <sup>2+</sup> /His complexes at different pH values
02_P_038	9	IX_Mon_01	IX_01	Krause, B.	Krause, B.	Combined XRD and EXAFS study of Cr-Al-N gradient samples
18_P_002	9	IX_Mon_02	IX_02	Baier, S.	Baier, S.	In situ ptychography during the annealing treatment of nanoporous gold catalysts
07_P_001	9	IX_Mon_03	IX_03	Bauters, S.	Bauters, S.	Three-Dimensional Microfocused Confocal X-ray Absorption Spectroscopy: a DOUBLE polycapillary XANES/EXAFS setup
02_O_033	9	IX_Mon_04	IX_04	Boesenberg, U.	Boesenberg, U.	XANES Mapping on Electrodes for Li-ion Batteries using $\mu$ -X-Ray Fluorescence Spectroscopy
06_P_002	9	IX_Mon_05	IX_05	Borfecchia, E.	Borfecchia, E.	Mapping iron oxidation state in zoned micro-crystals: a micro-XANES study
07_O_006	9	IX_Mon_06	IX_06	Hormes, J.	Hormes, J.	The corrosion of stained glass: a chemical analysis using synchrotron radiation based X-ray absorption and X-ray fluorescence spectroscopy
02_P_007	9	IX_Mon_07	IX_07	Katayama, M.	Katayama, M.	Reaction distribution in LiNiO <sub>2</sub> positive electrode of lithium ion battery
07_P_002	9	IX_Mon_08	IX_08	Lühl, L.	Lühl, L.	Confocal Fe K-XANES: The Three Stage Firing Process of Attic Pottery and Their Modern Reproductions
07_P_003	9	IX_Mon_09	IX_09	Nachtegaal, M.	Nachtegaal, M.	Proof of Resonant X-ray Emission to study Prussian Blue degradation
18_O_002	9	IX_Mon_10	IX_10	Reinhardt, J.	Reinhardt, J.	High-Resolution Chemical Imaging with Hard X-Ray Ptychography
06_P_021	9	IX_Mon_11	IX_11	Vantelon, D.	Guenet, H.	Study of the As-bearing fractions from the reoxidation of a reduced wetland soil solution using $\mu$ XAS
07_P_004	9	IX_Tue_01	IX_01	Trcera, N.	Ferrand, J.	The Browning Phenomenon of Medieval Stained Glass Windows
18_P_005	9	IX_Tue_02	IX_02	Zimina, A.	Grunwaldt, H.-S.	Study of the relation between Mg content and dissolution kinetics of natural lime stone using $\mu$ XRF, $\mu$ XRD and $\mu$ XAS
18_P_006	9	IX_Tue_03	IX_03	Senkbeil, T.	Senkbeil, T.	Synchrotron-based high-resolution chemical imaging using soft x-rays
01_P_023	9	IX_Tue_04	IX_04	Simon, R.	Simon, R.	Improvements at FLUO beamline of ANKA synchrotron. towards faster chemical imaging
18_P_001	9	IX_Tue_05	IX_05	Takeichi, Y.	Takeichi, Y.	Micro- and nano-scale spectromicroscopy at the Photon Factory
07_O_001	9	IX_Tue_06	IX_06	Vantelon, D.	Vantelon, D.	Characterization of the black gloss decoration of the Greek archaic period using micro-XAS investigation
07_O_003	9	IX_Tue_07	IX_07	Verger, L.	Verger, L.	The reactivity of pigments composed of Cr-bearing spinels in enamels revealed by $\mu$ -XANES
18_P_003	9	IX_Tue_08	IX_08	Watts, B.	Watts, B.	Scanning Transmission Soft X-ray Spectro-Microscopy at the Swiss Light Source
07_O_009	9	IX_Tue_09	IX_09	Willneff, E.	Willneff, E.	'Higher' Throughput Near Edge X-Ray Absorption Fine Structure (NEXAFS) Imaging of Polycrystalline Synthetic Organic Pigments
18_O_001	9	IX_Tue_10	IX_10	Hu, Y.	Hu, Y.	Medium Energy Microprobe XAFS at CLS (SXRMB)