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Kawai	Jun	Palm-Top Size X-Ray Microanalyzer using a Pyroelectric Focused Electron Beam with 100 micrometer Diameter
Kappen	Peter	Iron distribution in stalagmites - Records of environmental fluctuations and past reversals of the Earth's magnetic field
Abbati	G.	Mapping of iron in clay minerals with synchrotron radiation
Alfeld	M.	Depth discrimination in 2-dimensional XRF scans of historical paintings
Almeida	A.P.	Phase Contrast X-Ray Synchrotron Microtomography for Virtual Dissection of the Head of Rhodnius prolixus
Andrejczuk	A.	A planar parabolic nickel CRL for high energy X-rays
Anklamm	L.	Laboratory based XES for chemical speciation with a novel von Hamos type spectrometer
Bach	J.	High-resolution Soft X-ray Holographic Imaging at PETRA III
Bahl	S.	Impact of increasing Cs3PMo12O40 loading on vitrification properties of multicomponent borosilicate glass
Baumbach	S.	Setup of an 8 keV laboratory x-ray transmission microscope
Biermanns-Föth	A.	Correlation between structure and electrical properties of single GaAs nanowires
Boery	M.N.O.	Characterization Techniques for High Quality Solution used on Xerographic Consumables
Boesenberg	U.	XRF-microanalysis of electrodes in Li-Ion batteries

Borchert	M.	Looking into the Earth: Using XRF and XAS to obtain chemical information directly at conditions of the Earth's crust and mantle
Brack	F.-E.	Characterizing a Hard X-Ray Nanobeam by the Classical Ronchi Test
Brzhezinsaya	M.	Novel Diffractive Elements for UV and X-ray
Capotondi	F.	Coherent Diffraction Imaging Project at FERMI@Elettra: present status and research opportunities
Colaco	M.V.	Mineral Composition Analysis of Urinary Stones by X-Ray Microtomography and X-Ray Powder Diffraction
Fleury Curado	J.F.	μ-SRXRF characterization of Brazilian emeralds
Czapla-Masztafiak	J.	The determination of chemical forms of sulfur in prostate cancer cells and tissue
Czyzycki	M.	The Equation for Confocal X-Ray Fluorescence Experiment in Tilted Geometry
Darin	A.	MicroXRF Study of the Annual Layers in the Varves Sediments of Lake Shira (Khakassia)
Debastiani	R.	Ion Beam Analysis of Ground Coffee and Roasted Coffee Beans
Dzhigaev	D.	Coherent imaging of individual nanowires at P06 nano-focusing end-station at PETRA III
Dziedzic-Kocurek	K.	Local structure and dynamics of iron-porphyrin complexes: a theoretical and experimental XAS investigation
Enders	B.	Challenges in Ptychographic Nano X-ray Computed Tomography

Ershov	P.	X-ray optics as a Fourier transformer for high resolution crystal diffraction
Ewald	J.	Spatial characterization of the focus produced by an EUV Schwarzschild objective
Farquharson	M.J	Measuring trace element distribution and levels to determine changes in the disease progression from in-situ ductal breast carcinoma to invasive ductal breast carcinoma
Garrevoet	Jan	Development and applications of a laboratory micro-XRF spectrometer using monochromatic excitation
Gebhardt	R.	Changes in shape and internal structure of Casein micelles explored by GISAXS with micro-sized X-ray beams on Micro-sieves
Goikhman	A.	X-ray refractive optics in lab investigation
Greving	I.	The Imaging Beamline P05 at PETRA III
Grötzsch	D.	A fluid cell for GIXRF and NEXAFS investigations of biomolecules at liquid-solid interfaces
Hasse	B.	Beam Conditioning in Cutting Edge X-ray Analytical Equipment
Heidmann	Berit	Advanced in situ GISAXS investigations of drying and adsorption kinetics
Herzen	J.	The Imaging Beamline P05 at PETRA III: overview and current status
Hoppe	R.	Hard X-ray Nanoprobe at Beamline P06 at PETRA III
Huber	C.	Parameter study for confocal micro-XRF of layered structures using a simulation model
Ingerle	Dieter	New approach for characterization of ultra-shallow implants by simultaneous evaluation of GIXRF and XRR
Kalatova	B.	Essentials of nano-scale x-ray imaging of mitotic errors.

Katsikini	M.	XRF mapping and Fe-K-edge μ-XAFS characterization of human nails
Keller	T.F.	Microanalysis of Double Crystalline Co-Oligomer Films
Welter	E.	New facilities for X-ray absorption spectroscopy in the PETRA III extension

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Kohn	V.G.	Spectrometer for hard XFEL based on diffraction focusing
Korpova	M.	Embryonic fusions in time-resolved x-ray imaging
Koyiloth Vayalil	S.	Growth study of ultra-thin Au film on nano-rippled Si substrates using in-situ grazing incidence small angle x-ray scattering
Krywka	C.	NANODIFFRACTION FOR LIFE AND MATERIALS SCIENCE AT MINAXS BEAMLINE OF PETRA III
Krzywinski	J.	Simulations of X-ray optics by beam propagation method
Kurta	R.P.	Scatter from many-determine one: x-ray cross-correlation analysis of disordered ensembles of particles
Löchel	H.	RZPA optimization for parallel fluorescence spectrometer
Lund Traulsen	Marie	Design of test-cell for in operando X-ray absorption spectroscopy of oxidation state changes in La1-xSrxMnO3-electrodes
Malucelli	Emil	Quantitative weight fraction maps of light elements in whole cells combining X-Ray fluorescence microscopy and atomic force microscopy
Mantouvalou	I.	A Laser-Produced Plasma Source for soft X-ray applications
Marras	A.	PERCIVAL: a high dynamic range detector for soft X-rays
Materna	S.	Rock samples from the Autochthonous Miocene formation studied using complementary methods of proton and X-ray microprobe
Mikkelsen	Anders	NanoMAX: a hard x-ray nanoprobe beamline at MAX IV

Niese	S.	Multilayer Laue Lenses for Full-field Hard X-ray Microscopy
Nisius	T.	A flexible endstation for PETRA III and FLASH
Nogueria	L.P.	Synchrotron Radiation Microtomography and Microfluorescence for Evaluation of Trabecular Bone Structure after Breast Cancer Treatment
Ogurreck	M.	The nano tomography endstation of the PETRA III beamline P05
Olbinado	M.P.	Stroboscopic Talbot interferometry for time-resolved X-ray phase imaging of periodic processes in soft materials
Peverini	L.	Ion surfacing of X-ray mirror optics for XFEL and synchrotron applications
Prasciolu	M.	Development of high resolution and high efficiency Multilayer Laue Lenses for focusing hard X-rays
Rakshun	Ya.V.	2D in-depth XRF scanner at VEPP-3 synchrotron facility
Rao	C.V.	Visualization of undisturbed root architecture in Chickpea, Carrot and Radish samples using synchrotron-based DEI and DEI-CT.
Rauwolf	M.	Low Z TXRF measurements with a new SDD detector
Redder	T.	In-situ X-ray diffraction of growing gold nanoparticles in solution
Reiche	I.	Discovering the vanished polychromy and gilding of Phoenician ivories using the Colour X-ray Camera
Risch	J.F.H.	Spectroscopic Ellipsometry of anisotropic nanocomposites
Robisch	A.L.	Quantifying sub-5nm hard X-ray point focusing
Roling	S.	A hard x-ray split- and delay-unit for the European XFEL

Ruiz	M.	X-ray grating-based phase-contrast imaging at 126 keV
Saveliev	V.D.	Vortex Multi-Element SDD XRF Spectrometers: New Design and Performance.
Schiebl	M.	Instrumental setup for simultaneous GIXRF and XRR measurement for Characterization of thin films on Si wafers
Schlesiger	C.	Properties, design and simulation of HAPG based X-ray optics
Scholz	M.	Adiabatically Focusing Lenses
Schroeder	W.H.	Development of a cryogenic sample environment for the analysis of biological tissue
Schroer	Martin A.	Spatially resolution orientational order in binary colloid films by nano-beam X-ray cross correlation analysis
Schulz	J.	Sample refreshment schemes for high repetition rate FEL experiments
Scrivano	Simona	Study of the manufacture processes of Tartessic jewels using micro XRF spectrometry
Seiboth	Frank	Characterizing nanofocused XFEL beams by ptychography
Seim	C.	Laboratory Full-Field Transmission X-ray Microscopy and Applications
Shabalin	A.	Coherent x-ray diffraction imaging of a single colloidal crystal grain
Snigireva	I.	Coherent Hard X-ray Microscope for Studying Mesoscopic Materials
Stockmar	M.	Near-field ptychography for phase imaging of material science samples
Störmer	M.	Preparation and characterization of magnetron-sputtered thin films of a-C, B4C and Ta for advanced research light sources

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Strüder	L.	Large, high speed X-ray magers with high dynamic range and deep sub-pixel spatial resolution

Strüder	L.	There is never enough dynamic range (in X-ray imaging experiments)
Surowka	A.D.	Variability in elemental composition of dopaminergic neurons in senile brains
Tegze	M.	Orienting diffraction patterns in single particle imaging experiments
Unterumsberger	R.	Focusing of soft X-ray radiation with a single bounce monocapillary combined with a wavelength dispersive spetrometer for nanoanalytics
Vagovic	P.	Development of laboratory X-ray grating interferometry setup with high brilliant liquid gallium jet X-ray source
Vainio	U.	Small-Angle X-ray Scattering Microanalysis of Carbon Nanotube Orientation Distribution
Van de Voorde	Lien	Use of portable XRF and Raman instrumentation for study of a unique 16th century Antwerp majolica floor in the Rameyenhof castle's (Gestel, Belgium)
Wessels	P.	Time-resolved full-field soft X-ray microscopy of magnetic nanostructures at the P04 beamline at PETRA III
Westermeier	F.	Full-field imaging of motile biological specimens
Wieland	D.C.F.	Investigation of the supramolecular assemblies of synovial fluid by small angle x-ray scattering under varying shear conditions
Witte	Katharina	First C K-edge XANES-measurements with a Laser-Produced Plasma Source
Wrobel	P.	Direct deconvolution procedure for the quantification of multi-layer samples by confocal micro-XRF spectroscopy
Wu	Y.	X-ray multiple-times diffraction imaging with high density resolution to visualize biological specimen
Záprazny	Zdenko	X-ray crystal optics providing asymmetric diffraction for analyser based imaging
Zougrou	I.M.	Micro-XRF and micro-XAFS study of Fe and Mn in fossil bone and teeth

Zuzulya	A.	Possibilities of using microfocused beams at P10
Buffet	A.	In situ µGISAXS investigation of the fast formation of roughness correlation in thin spray-coated polystyrene homopolymer film
Wahabzada	M.	Non-negative factor analysis supporting the interpretation of elemental distribution images acquired by XRF
Vanmeert	F.	X-ray beam induced alterations to cultural heritage materials
Cagno	S.	Uptake and distribution of uranium in Atlantic salmon gills following exposure experiments demonstrated by XRF tomography at PETRA III P06
Loetsch	R.	Lattice parameter variations of large, elastically bent perfect crystals
Moos	E.	STRUCTURE SENSITIVE X-RAY STANDING WAVE SPECTROSCOPY
Skjoefjell	E.T.B.	Towards orientation distribution mapping in isotactic polypropylene by SAXS-tomography
Mueller	O.	Time Resolved XAS Instrumentation for PETRA III Extension Beamline P64
Stöhr	F.	Manufacturing and Characterization of Silicon Compound Refractive Lenses for Focussing of Hard X-Rays
Khachatrian	A.	Characterization of Uranium Ores by PIXE Technique
Vershynskyi	S.	Quasi-Monochromatic X-Ray Source Based on Electrostatic Accelerator
Wagner	U.H.	The I13 Imaging and Coherence Beamlines at the Diamond Light Source
Hoffmann	S.	Nanoscale Imaging at P10: GINIX
Radtke		Slicing – A New Method For Non Destructive 3D Elemental Sensitive Characterization Of Materials
Fittschen	U.	THE IDEAL SPECIMEN FOR TOTAL REFLECTION X-RAY FLUORESCENCE ANALYSIS: RESULTS FROM SIMULATIONS AND EXPERIMENTAL EVALUATION

Menzel	M.	ABSORPTION OF THE PRIMARY BEAM IN SR-TXRF ANALYSIS: EXPERIMENTAL VISUALIZATION USING A COLOR X-RAY CAMERA
Laclavetine	K.	Characterization of the new confocal micro X-ray fluorescence (CXRF) system for non-destructive cultural heritage analysis at the CNA: μXRF-CONCHA
Alraun	P.	XRF-mapping of trace elements inside the melanosomes of the larval ocelli significantly varies in a lunar rhythm
Nazmov	V.	An X-ray refractive mosaic lens with very large aperture
Herzog	G.	Combining imaging ellipsometry and microbeam GISAXS to investigate nanoparticle films
Roth	S.V.	GISAXS 2013
Almeida	A.P.	Phase Contrast X-Ray Synchrotron Microtomography for Virtual Dissection of the Head of Rhodnius prolixus