

ICXOM24 Poster Session #1, 26 September 2017, 17:10 - 19:00

Presenter	Poster	Stand
Alberti Roberto	<i>DANTE, A Modular Digital Pulse Processor to Exploit CUBE Preamplifier Ultimate Energy Resolution and High-Count Rate Capability</i>	34
Altissimo Matteo	<i>Silicon Carbide membranes as substrate for Synchrotron measurements</i>	24
Amati Matteo	<i>Towards ambient pressure in the characterization of materials at the micro- and nano-scale by scanning photoemission imaging and spectromicroscopy</i>	26
Andrianov Konstantin	<i>Scanning X-Ray Microscopy with large solid angle X-Ray Fluorescence Detection at the XUV Beamline P04, DESY</i>	12
Boesenberg Ulrike	<i>Materials Imaging & Dynamics instrument at the European XFEL</i>	22
Boesenberg Ulrike	<i>Characterization of a single shot spectrometer based on a bent diamond crystal</i>	42
Bufon Jernej	<i>A large solid angle multi-element Silicon Drift Detectors system for low energy X-ray fluorescence spectroscopy</i>	35
Castillo-Michel Hiram	<i>The ID21 beamline at ESRF: Sub-micron spectroscopy under cryo conditions for life and environmental sciences</i>	27
Cipiccia Silvia	<i>I13 beamline at Diamond Light Source (DLS) - Real and reciprocal space imaging</i>	8
Dzhigaev Dmitry	<i>X-ray Bragg Ptychography on a Single InGaN/ GaN Core-Shell Nanowire</i>	3
Eba Hiromi	<i>Confocal XRD observation of distribution of crystalline phases and orientations</i>	21
Ferretti Marco	<i>Structural optimization of a portable micro-XRF device</i>	10
Guzzi Francesco	<i>Machine Learning techniques for Coherent Diffraction Imaging problems: Preliminary results</i>	6
Haidl Andreas	<i>Fast X-Ray Detection using a CCD for Application in a Scanning Transmission X-Ray Microscope</i>	16
Ignatyev Konstantin	<i>XRF imaging on the Diamond microfocuss spectroscopy beamline I18</i>	15
Imai Yasuhiko	<i>Automatic sample alignment system for nano-beam X-ray diffraction</i>	25
Johansson Ulf	<i>First results from the NanoMAX beamline at MAX IV</i>	17
Kalasova Dominika	<i>Phase-contrast 3D imaging of fibre-reinforced polymers: comparison of laboratory and synchrotron X-ray sources</i>	9
Lazzarino Marco	<i>Microfabricated wire scanner for photon beam characterization</i>	41
Loetgering Lars	<i>Compression and information recovery in ptychography</i>	2
Mannatunga Kasun Sameera	<i>Preliminary characterization at different energies of a new monolithic 8-channel Silicon Drift Detector for SESAME</i>	40
Matruglio Alessia	<i>Graphene liquid cells for multi-technique analysis of biological cells in water environment</i>	5
Migliori Alessandro	<i>Depth-resolved Analysis of Titanium Chemical Environments in Li-ion Battery Electrodes by using GI-RRS Combined with Multivariate Methods</i>	4
Naumenko Denys	<i>Transient optical response of Si₃N₄ films pumped with free-electron laser</i>	13
Nisius Thomas	<i>A flexible x-ray imaging endstation for synchrotron radiation facilities</i>	20
Ohigashi Takuji	<i>Advanced Analyses in Scanning Transmission X-ray Microscopy at UVSOR-III Synchrotron</i>	11
O'Ryan Liam	<i>Xspress 3 Mini Digital Pulse Processor</i>	37
Redfern Del	<i>New Developments in Multi-Sensor Silicon Drift Detectors</i>	39
Sabbarese Carlo	<i>Elemental analysis using ED-XRF and C-14 dating of Cuman wall paintings samples</i>	31
Sarrazin Philippe	<i>CartiX: Full-Field XRF for Cultural Heritage - Application to the study of a Caillebotte painting</i>	32
Saveliev Valeri D	<i>New Multi-Element SDD Spectrometers with Ultra-High Count Rate Performance</i>	38
Scordo Alessandro	<i>VOXES, a new high resolution X-ray spectrometer for low yield measurements in high background environments</i>	43
Sibilia Mirta	<i>IAEA X-ray spectrometry end-station - XRF beamline of Elettra Sincrotrone Trieste</i>	23
Siddons D. Peter	<i>Development of Silicon Drift Detector Array for the Maia X-ray Fluorescence Detector System</i>	36
Smieska Louisa	<i>Combined high-energy synchrotron scanning XRF and XRD for analysis of illuminated manuscript leaves</i>	29
Šmit Žiga	<i>Prehistoric glass beads from the head-of-the-Adria region must be added in the first day</i>	30
Späth Andreas	<i>μ-XRF analysis of color brilliance and dyeing techniques in ancient wool carpet fibers</i>	28
Stanescu Stefan	<i>Controlled hydrodynamic flow liquid cell for soft X-ray transmission microscopy</i>	7
Thånell Karina	<i>The SoftiMAX Beamline at MAX IV Laboratory</i>	14
Uffelmann Erich	<i>Bringing Macro XRF Scanning into Undergraduate Research and Education</i>	18
Vadilonga Simone	<i>Pulse picker driven by Surface Acoustic Waves</i>	33
Zamboni Ivana	<i>Micro analysis and imaging techniques using focused MeV ion beams</i>	19
Zhang Yi	<i>Towards in situ determination of 3D strain and reorientation in the interpenetrating nanofibre networks of cuticle</i>	1

ICXOM24 Poster Session #2, 27 September 2017, 16:40 - 19:00

Presenter	Poster	Stand
Silja Flenner	<i>Orientation changes upon attachment of spider hairs investigated in situ using scanning X-ray nanobeam diffraction and small-angle scattering</i>	11
Araujo Olga	<i>Representative element volume in limestone sample</i>	20
Araújo Olga	<i>A palonthology study by X-ray Microtomography</i>	23
Azeredo Soraia	<i>Archaeological metallurgy analysis using X-ray digital radiography</i>	24
Azzutti Claudia	<i>Polycapillary X-ray Optics for Astrophysics Applications</i>	36
Barroso Regina	<i>SR-TXRF analysis of trace elements in whole blood and heart of rats: Effects of irradiation with low and high doses</i>	15
Baumgärtel Peter	<i>RAY-UI: Extensions compared to RAY</i>	39
Bedolla Diana E	<i>Effects of radiation damage on paraffin-embedded biological tissues due to soft X-rays exposure</i>	21
Cherepennikov Yury	<i>Polycapillary Based 3D X-Ray Imaging of Porous Organic Materials</i>	42
Colaço Marcos	<i>Microstructure and mineral composition of urinary calculi by microtomography and X-ray powder diffraction</i>	18
Falkenberg Gerald	<i>Melanogenesis in the shielding pigment of larval ocelli of the midge <i>Clunio</i> studied by nano-XRF</i>	7
Fidalgo Gabriel	<i>Virtual dissection of <i>Thoropa miliaris</i> tadpole using phase-contrast synchrotron microtomography</i>	16
Girod Matthias	<i>CERIC-ERIC, the multi-technique research infrastructure for materials research in Central-Eastern Europe</i>	6
Grzelak Maria	<i>The study of spatial distribution of selected elements in the ovarian cancer tissues with use of laboratory uXRF setup.</i>	19
Hertlein Frank	<i>Trends on Montel X-ray Optics for Inelastic Scattering and Pinholes for Synchrotron Beamlines</i>	40
Kubec Adam	<i>Efficient sub-25 nm focusing and advanced measurement methods using crossed Multilayer Laue Lenses</i>	26
Lin He	<i>Silicon based Kinoform Lenses and Related Methods Development at SSRF</i>	31
Loechel Heike	<i>Aberration corrected VLS gratings and reflection zone plates for X-ray monochromators and spectrometers</i>	32
Lyatun Ivan	<i>Optical properties of bulk and highly porous beryllium for hard X-ray applications</i>	35
Mantuano Andrea	<i>Elemental Distribution in Ascending Aortic after Radiotherapy and Chemotherapy by Low Energy X-ray Fluorescence Spectroscopy</i>	12
Medvedeva Svetlana	<i>X-ray interference thin films investigation technique based on compound refractive lens</i>	34
Merolle Lucia	<i>Mapping and quantification of fundamental life elements in thyroid cancer tissue</i>	9
Narikovich Anton	<i>X-ray computed microtomography as a diagnostic method of refractive optics</i>	37
Niese Sven	<i>High precision X-ray multilayer mirrors for customized solutions</i>	38
Pascolo Lorella	<i>Morphological and chemical changes in vitrified ovarian tissues revealed by X-ray Microscopy and Fluorescence</i>	13
Procopio Alessandra	<i>Ultrastructural study of biomineralization process in human bone marrow mesenchymal stem cells during the osteoblastic differentiation</i>	8
Santos Thais	<i>Evaluation of acquisition parameters in X-ray computed microtomography to analysis of carbonatic rocks</i>	25
Sarrazin Philippe	<i>Map-X: 2D XRF for Planetary Exploration.</i>	2
Sena Souza Gabriela	<i>Application of Synchrotron Radiation Phase Contrast Microtomography with Iodine Staining to <i>Rhodnius prolixus</i> head on the Ecdysis Period</i>	17
Siewert Frank	<i>The new BESSY-II Optics Laboratory - a Facility for Measuring ultra-precise X-Ray Optics</i>	33
Simionovici Alexandre	<i>Filling up the low Z elements XRF gaps using scattering in Earth and Planetary Sciences samples</i>	5
Snigireva Irina	<i>Polymer X-ray refractive nano-lenses made by additive technology</i>	41
Spiers Kathryn	<i>Synchrotron SXFM investigation of primed wheat: Iron distribution, speciation and radiation damage</i>	4
Sung Nark-Eon	<i>micro-XRF and micro-XAFS study of a wing of the <i>Buprestis haemorrhoidalis</i></i>	14
Surowka Artur	<i>Complementary elemental and molecular brain tissue micro-imaging for unraveling the action of transcranial direct current stimulation in appetite control</i>	22
Tardillo Suarez Vanessa Isabel	<i>Ag nanoparticles and ions subcellular distribution and their impact on Hepatocyte functions revealed by nano-XRF microscopy</i>	10
Van Espen Piet	<i>MA-XRF investigation of the uniformity of aerosol filters.</i>	3
Vogel-Mikus Katarina	<i>Sub-cellular distribution and ligand environment of Cd in a Cd hyperaccumulator <i>Noccaea praecox</i> by micro-XRF and micro-XAS</i>	1
Watts Benjamin	<i>Controlling optics contamination at the SLS</i>	28
Yan Hanfei	<i>Achieving a diffraction-limited 12 nm focus with two crossed multilayer Laue lenses: alignment challenges and applications</i>	27
Zozulya Alexey	<i>Beam conditioning CRL optics at the MID instrument of European XFEL</i>	29
Zverev Dmitrii	<i>Hard X-ray bi-lens interferometer for phase-contrast imaging</i>	30
Tunhe Zhou	<i>At-wavelength metrology of X-ray mirrors using the speckle-based technique</i>	43