	Poster Board Reference	Poster Session	Title
Barkan, Shaul	S1-P1-01	Monday 15th	Advanced SDD System for Synchrotron Applications
Johansson, Ulf	S1-P1-02	Monday 15th	The NanoMAX Beamline at Max IV - A Hard X-Ray Nanoprobe
Koch, Frieder	S1-P1-03	Monday 15th	Comparison of X-Ray Lenses with Grating Interferometry
Watts, Benjamin	S1-P1-04	Monday 15th	Developments in STXM Instrument Control and Data File Format
Márkus, Ottó	S1-P1-05	Monday 15th	X-Ray Beam Shaper Optics via Deep X-Ray Lithography
Goto, Takumi	S1-P1-06	Monday 15th	A Two-Stage Adaptive X-Ray Focusing System Using Four Piezoelectric Deformable Mirrors
Yin, Gung-Chian	S1-P1-07	Monday 15th	The X-Ray Nanoprobe Endstation at Taiwan Photon Source
Baluktsian, Margarita	S1-P1-08	Monday 15th	Fabrication of Holographic X-Ray Lenses
Torrisi, Alfio	S1-P1-09	Monday 15th	Recent Developments in Table-Top SXR/EUV Microscopy Using Compact Gas-Puff Target Sources
Thieme, Juergen	S1-P1-10	Monday 15th	Nanoprobe and Spectroscopy Beamline 5-ID at NSLS-II
Jiang, Li	S1-P1-11	Monday 15th	High Reflectance Cr/V Multilayer Mirror for Water Window Applications
Firsov, Alexander	S1-P1-12	Monday 15th	Reflection Zone Plates: Focusing and Dispersive Properties in Time-Space Scale.
Wang, Zhentian	S1-P1-13	Monday 15th	G2-Less Grating Interferometer with Single Photon Sensitive Hybrid Detectors
Weigand, Markus	S1-P1-14	Monday 15th	Achieving Bunch-Lengths Limited Time Resolution Using a New Photon Counting System at MAXYMUS
Uesugi, Kentaro	S1-P1-15	Monday 15th	Introducing High Efficiency Image Detector to X-Ray Imaging Tomography
Guttmann, Peter	S1-P1-16	Monday 15th	The New PGM Beamline for HZB X-Ray Microscopy at BESSY II
Takeichi, Yasuo	S1-P1-17	Monday 15th	Present Status of a Compact Scanning Transmission X-Ray Microscope at the Photon Factory
Suzuki, Yoshio	S1-P1-18	Monday 15th	Super-Resolution Imaging Using Interaction between Interference Fringe and Periodic Structure of Object
Kagoshima, Yasushi	S1-P1-19	Monday 15th	Hard X-Ray Multilayer Zone Plate with 25-nm Outermost Zone Width
Ejima, Takeo	S1-P1-20	Monday 15th	Development of Soft X-Ray Microscope Using Water Window LPP Light Source
Watanabe, Norio	S1-P1-21	Monday 15th	Design and Fabrication of Wolter-Type 4-Mirror System
Watanabe, Norio	S1-P1-22	Monday 15th	Observation of Biological Samples by Using an X-Ray Microscope with a Foucault Knife-Edge
Sanli, Umut Tunca	S1-P1-23	Monday 15th	Nanofabrication of High Resolution Multilayer-Fresnel Zone Plates
Wang, Zhanshan	S1-P1-24	Monday 15th	The Development of a Parabolically Curved Multilayer Mirror for an X-Ray Diffraction System
Takeuchi, Akihisa	S1-P1-25	Monday 15th	Improvement of Quantitative Performance of Imaging X-Ray Microscope by Reducing of Edge-Enhance Effect
Tolentino, Helio C.N	S1-P1-26	Monday 15th	Optical Design for the Carnauba Beamline at Sirius: Analytical and Hybrid Ray Tracing Calculations
Giakoumidis, Stylianos	S1-P1-27	Monday 15th	Metal Assisted Chemical Etching for Hard X-Ray Zone Plate Fabrication
Parfeniukas, Karolis	S1-P1-28	Monday 15th	Improved Tungsten Nanofabrication for Hard X-Ray Zone Plates
Bonnin, Anne	S1-P1-29	Monday 15th	A Fast Energy Tunable Hard X-Ray Full Field Nanoscope
Schoonjans, Tom	S1-P1-30	Monday 15th	XMI-MSIM: A General Monte Carlo Simulation Of Energy-Dispersive X-Ray Fluorescence Spectrometers
Wen, Mingwu	S1-P1-31	Monday 15th	Scattering and absorption of X-rays from a rough surface at extremely small grazing angles
Saveliev, Valeri	S1-P1-32	Monday 15th	Multi-Element SDD Spectrometers for Mapping Applications at High Count Rate
Matsuyama, Satoshi	S1-P1-33	Monday 15th	Achromatic full-field X-ray microscope with 50 nm resolution and its applications
Kim, Sunam	S1-P2-01	Monday 15th	Current Status of Hard X-Ray Beamline and End-Station for Pump and Probe Experiments at Pohang Accelerator Laboratory X-Ray Free Electron Laser Facility
Pape, Ian	S1-P2-02	Monday 15th	Sub-Micron X-Ray Fluorescence Mapping Facility on the B16 Test Beamline at Diamond

Marone, Federica	S1-P2-03	Monday 15th	TomCat: High Temporal Resolution Tomographic Microscopy over Several Length Scales
Somogyi, Andrea	S1-P2-04	Monday 15th	Hierarchical Length-Scale Scanning Multimodal Imaging at the Nanoscopium Beamline of Synchrotron Soleil
Lin, Bi-Hsuan	S1-P2-05	Monday 15th	Development of X-Ray Excited Optical Luminescence at the X-Ray Nanoprobe at Taiwan Photon Source
Swaraj, Sufal	S1-P2-06	Monday 15th	XPEEM Microscopy at the Hermes Beamline: Commissioning and First Results
Huang, Yu-Shan	S1-P2-07	Monday 15th	Advanced Lensless Microscopy for Millisecond and Nanometer Scales Using Coherent X-Ray Scattering at Taiwan Photon Source
Tang, Mau-Tsu	S1-P2-08	Monday 15th	X-Ray Imaging And Microscopy at Taiwan Photon Source: To See and to Resolve
Lassesson, Andreas	S1-P2-09	Monday 15th	Imaging Beamlines for Max IV
Li, Lina	S1-P2-10	Monday 15th	Potential Environmental Applications by Medium Energy Micro-Probe Beamline Proposed in SSRF Phase-II Project
Wang, Liansheng	S1-P2-11	Monday 15th	Medium Energy Beamline Proposed in SSRF Phase-II Project
Maser, Jörg	S1-P2-12	Monday 15th	A Kirkpatrick Baez-Based In-Situ Nanoprobe Beamline at the APS MBA Lattice
Tai, Renzhong	S1-P2-13	Monday 15th	Recent Progress on SSRF Phase-II Beamlines
Webb, Samuel	S1-P2-14	Monday 15th	Hard X-Ray Fluorescence Imaging and Micro X-Ray Absorption Spectroscopy Facilities at SSRL
de Jonge, Martin	S1-P2-15	Monday 15th	Nanoprobe Design Optimisation: Two Designs for a Nanoprobe Beamline at the Australian Synchrotron
Weitkamp, Timm	S1-P2-16	Monday 15th	Status of the Tomography Beamline ANATOMIX at Synchrotron Soleil
Rau, Christoph	S1-P2-17	Monday 15th	Micro- and Nano-Imaging at The Diamond Beamline I13l - Imaging and Coherence
Pacureanu, Alexandra	S1-P2-18	Monday 15th	ID16A Nano-Imaging Beamline of ESRF: A Bright Nanofocused Beam for Coherent Imaging and X-Ray Fluorescence Nanoscopy
O'Reilly, Fergal	S1-P2-19	Monday 15th	Laboratory Cryo Soft X-Ray Tomography with a Simple Robust Laser Plasma Light Source
Thånell, Karina	S1-P2-20	Monday 15th	SoftiMAX: A Beamline for Coherent Soft X-Ray Microscopy, Imaging and Scattering at Max IV
Perez, Carlos	S1-P2-21	Monday 15th	Carnaúba: The Coherent X-Ray Nanoprobe Beamline for the Brazilian Synchrotron Sirius/LNLS
Polo , Carla	S1-P2-22	Monday 15th	Cateretê: The Coherent and Time-Resolved X-Ray Scattering Beamline at the Sirius/LNLS
Finfrock, Zou	S1-P2-23	Monday 15th	Confocal X-Ray Fluorescence Microscopy at the Advanced Photon Source Sector 20
Krauze , Daria	S1-P3-01	Monday 15th	Sub-Cellular Elemental Imaging of Epithelial Ovarian Cancers and their Potential as a Tissue Classifier
Teramoto, Takahiro	S1-P3-02	Monday 15th	Determination of Carbon-to-Nitrogen Ratio in the Filamentous and Heterocystous Cyanobacterium Anabaena sp. PCC 7120 with Single-Cell Soft X-Ray Imaging
Shinohara, Kunio	S1-P3-03	Monday 15th	Quantitative Study of Mammalian Cells by Scanning Transmission Soft X-Ray Microscopy
Everett, James	S1-P3-04	Monday 15th	Amyloid Plaques are a Site Of Redox-Active Iron Formation and Calcium Mineralisation in Alzheimer’s Disease Tissues as Revealed by X-Ray Spectromicroscopy
Rauwolf, Mirjam	S1-P3-05	Monday 15th	Zinc Distribution In Human Bone: SR-Micro X-Ray Fluorescence Imaging of Osteporotic Samples
Turyanskaya, Anna	S1-P3-06	Monday 15th	Exploitation of μXRF Spectrometer for Bio-imaging
Surowka, Artur	S1-P3-07	Monday 15th	An Integrated Approach to Unravel The Interplay Between Structural and Chemical Properties of Substantia Nigra Neurons in the Elderly
Rosenhahn, Axel	S1-P3-08	Monday 15th	X-Ray Scattering and Nanoprobe XRF Reveals Ultrastructural Organization in Melanosomes
Spiers, Kathryn	S1-P3-09	Monday 15th	Investigating Tissue Surrounding Multi-Channel Cochlear Implant Electrode Arrays with X-Ray Fluorescence Microscopy
Gradl, Regine	S1-P3-10	Monday 15th	Dynamical X-Ray Imaging at a Compact Light Source

Li, Luxi	S1-P3-11	Monday 15th	The Development of a Tomographic X-Ray Fluorescence Microscopy at the 2-ID-E Beamline
Fus, Florin	S1-P3-12	Monday 15th	High-Resolution Subcellular Imaging at the ESRF New Nanoimaging Beamline: Deciphering Intracellular Targets of Anticancer Drugs in Breast Cancer Cells
Chen, Si	S1-P3-13	Monday 15th	The Bionanoprobe: Present and Future
Antipova, Olga	S1-P3-14	Monday 15th	Sub-Micron X-Ray Fluorescence Imaging of Biological Samples at 2-ID-E at the Advanced Photon Source
Deyhle, Hans	S1-P3-16	Monday 15th	Spatially Resolved Small-Angle X-Ray Scattering of Mechano-Sensitive Nanometer-Sized Liposomes
Antipova, Olga	S1-P3-15	Monday 15th	Two-Dimensional Single Crystal Diamond Compound Refractive X-Ray Lens
Vagovic, Patrik	S1-P4-01	Monday 15th	Towards Dose Efficient In-Vivo Microscopy of Biological Systems at Modern Sources of Synchrotron Radiation
Mizutani, Ryuta	S1-P4-02	Monday 15th	A Method for Estimating Sample Image Resolution
Momose, Atsushi	S1-P4-03	Monday 15th	Talbot-Based Three-Dimensional X-Ray Phase Microscopy for Bone Samples
Fogelqvist, Emelie	S1-P4-04	Monday 15th	Improved Stability of Liquid-Nitrogen-Jet Laser-Plasma Targets for Compact X-Ray Microscopy
Liu, Gang	S1-P4-05	Monday 15th	Image Restoration Using an Analytical Optical Transfer Function in a X-Ray Microscopy
Larsson, Jakob C.	S1-P4-06	Monday 15th	High-Spatial-Resolution Nanoparticle X-Ray Fluorescence Tomography
Lim, Jun	S1-P4-07	Monday 15th	Phase Shifting Hard X-Ray Microscopy
Hoshino, Masato	S1-P4-08	Monday 15th	Current Status of X-Ray Phase Imaging at Spring-8: Toward 4D X-Ray Phase Tomography for Biological Samples
Goonan, George	S1-P4-09	Monday 15th	Array Source X-Ray Imaging: A Preliminary Investigation into Multi-Source X-Ray Velocimetry Techniques
Zdora, Marie-Christine	S1-P4-10	Monday 15th	X-Ray Speckle-Based Phase-Contrast Imaging
Bradley, Robert	S1-P4-11	Monday 15th	Linking Material Behaviour with Structure Using 4D Laboratory X-Ray Nanotomography with In-Situ Mechanical Testing
Sharma, Yash	S1-P4-12	Monday 15th	X-Ray Tensor Tomography: Towards Compact Imaging Setups
Selin, Mårten	S1-P4-13	Monday 15th	Improved Resolution in Soft X-Ray Tomography Using Focus-Stack Back-Projection
Günther, Benedikt	S1-P4-14	Monday 15th	High-Resolution Microscopy with a Laboratory-Sized Quasi-Monochromatic X-Ray Source based on Inverse Compton Scattering
Ohigashi, Takuji	S1-P4-15	Monday 15th	A Quantitative 3-Dimensional Observation Method for Scanning Transmission X-Ray Microscopy
Barnard, Harold	S1-P4-16	Monday 15th	Time Resolved Synchrotron X-Ray Micro-Tomography for In-Situ Studies of Dynamic Microstructural Processes
Diemoz, Paul Claude	S1-P4-17	Monday 15th	Fast Computed Tomography Using a Lab-Based X-Ray Phase-Contrast Imaging System
Parkman, Tomas	S1-P4-18	Monday 15th	Table-Top Water-Window Microscope Using Z-Pinching Capillary Discharge Source
Telling, Neil	S1-P4-19	Monday 15th	Alzheimer's Disease under the (X-Ray) Microscope
Barber, Asa	S1-P4-20	Monday 15th	3D Printing Bioinspired Structures from X-Ray Microscopy
Vescovi, Rafael	S1-P4-21	Monday 15th	TOMOSAIC: Towards Terabyte Tomography
Yun, Wenbing	S1-P4-22	Monday 15th	Ultrahigh Brightness X-Ray Microbeam Delivery System with Multiple Selectable Energies
Alekin, M	S1-P4-23	Monday 15th	Stimulated scintillation emission depletion X-ray imaging
Wilde, Fabian	S2-P5-01	Tuesday 16th	Micro-Tomography at the Imaging Beamline P05 at Petra III
Rehbein, Stefan	S2-P5-02	Tuesday 16th	E-Beam Written Soft X-Ray Objective and Condenser Optics for TXM and Holography Applications
Nazaretski, Evgeny	S2-P5-03	Tuesday 16th	Sub-20 nm Resolution Imaging with MLL Nanofocusing Optics: Challenges and Opportunities
Greving, Imke	S2-P5-04	Tuesday 16th	Nanotomography Endstation at the P05 Beamline: Status and Perspectives
Keskinbora, Kahraman	S2-P5-05	Tuesday 16th	Focused Ion Beam Micromachining of X-Ray Optics
Eberl, Christian	S2-P5-06	Tuesday 16th	Preparation of Quality Multilayer Zone Plates for Successful Hard X-Ray Microscopy

Peters, Rob	S2-P5-07	Tuesday 16th	Zone Plate Development: Partnership Between Applied Nanotools and the Canadian Light Source
Deng, Biao	S2-P5-08	Tuesday 16th	Full-Field X-Ray Nano-CT at SSRF
Osterhoff, Markus	S2-P5-09	Tuesday 16th	Preparing for Hard X-Ray Microscopy with MZPS
Stankevic, Tomas	S2-P5-10	Tuesday 16th	Hard X-Ray Scanning Nanoprobe with nm Resolution
Braun, Stefan	S2-P5-11	Tuesday 16th	A Three-Material Multilayer Laue Lens with Reduced Internal Stress
Celestre, Richard	S2-P5-12	Tuesday 16th	Nanosurveyor 2: A Compact Instrument for Nano-Tomography and Spectroscopy at the Advanced Light Source
Charalambous, Pambos	S2-P5-13	Tuesday 16th	Going Round in Circles, in Search of the Perfect Zone Plate
Hu, Yongfeng	S2-P5-14	Tuesday 16th	Medium Energy Microprobe Endstation at Canadian Light Source
Du, G.H	S2-P5-15	Tuesday 16th	Coated YAG:Ce Scintillator for Efficiency Improvement in Indirect X-Ray Detector
Niese, Sven	S2-P5-16	Tuesday 16th	Full-Field Hard X-Ray Microscopy - An Approach for Photon Energies Above 8 keV
Egan, Christopher	S2-P5-17	Tuesday 16th	Helical Scanning X-Ray CT in Materials Science
Brandstetter, Stefan	S2-P5-18	Tuesday 16th	Hybrid Photon Counting Detectors for Advanced X-Ray Imaging
Jacobsen, Chris	S2-P5-19	Tuesday 16th	Hard X-Ray Zone Plates: Simulations and Fabrication for High Aspect Ratios
Rösner, Benedikt	S2-P5-20	Tuesday 16th	Fresnel Zone Plates for Nano-ARPES
Parker, Julia	S2-P5-21	Tuesday 16th	A Hard X-Ray Nanoprobe at Diamond Light Source
Howells, Malcolm	S2-P5-22	Tuesday 16th	X-Ray Imaging with Structured Illumination
Wagner, Ulrich	S2-P5-23	Tuesday 16th	Characterisation of the Imaging and Coherence Beamline I13 at the Diamond Light Source
Stripe, Benjamin	S2-P5-24	Tuesday 16th	New Developments in X-Ray Optics Toward High Efficiency, Submicron Achromatic Focusing
Fella, Christian	S2-P5-25	Tuesday 16th	Imaging with the Liquid-Metal-Jet Source: Micro-CT and Full-Field Microscopy
Marschall, Felix	S2-P5-26	Tuesday 16th	X-Ray Full Field Microscopy at 30 keV
Morrison, Graeme	S2-P5-27	Tuesday 16th	Phase Randomising Screens for Soft X-Ray Imaging
Troussel, Philippe	S2-P5-28	Tuesday 16th	Monochromatic High Resolution X-Ray Imaging of Plasma-Laser Produced Using Fresnel Zone Plate
Nam, Daewoong	S2-P5-29	Tuesday 16th	Fixed Target Single-Shot Imaging of Nanostructures Using Thing Solid Membranes at XFEL
Zong, Yunbing	S2-P6-01	Tuesday 16th	Structural Analysis of Ancient Casting Mold From Shang in China Analysed Using Synchrotron X-Rays
Wang, Jian	S2-P6-02	Tuesday 16th	XRF, TEY and Ptychographic Imaging in STXM Characterization of Battery Materials
Baier, Sina	S2-P6-03	Tuesday 16th	In Situ Ptychography and ETEM Study: Activation of a Cu-ZnO@ZSm- Core-Shell Catalyst
Kwon, Ik-Hwan	S2-P6-04	Tuesday 16th	Runout Error Correction in Tomographic Image Reconstruction by Intensity Summation Method
Ejima, Takeo	S2-P6-05	Tuesday 16th	Organelle Distribution in a Hydrated Bio-Cell by Correlation Between Soft X-Ray and Fluorescence Images
Zhou, Tunhe	S2-P6-06	Tuesday 16th	Noise Analysis of Speckle-Based Differential Phase-Contrast Imaging
Liu, Yijin	S2-P6-07	Tuesday 16th	Multiple Length-Scale & Dimensional X-Ray Microscopy at SSRL and Beyond
Chu, Yong	S2-P6-08	Tuesday 16th	Scanning X-Ray Microscopy at Sub-20 nm Resolutions for Scientific Experiments by General Users
Laforce, Brecht	S2-P6-09	Tuesday 16th	The Herakles Scanner: Integrated Absorption Tomography/X-Ray Fluorescence Scanner for Non-Destructive 3D Analysis on the Micro-Scale
Zhang, Lijuan	S2-P6-10	Tuesday 16th	Aggregation of Gas at Microscopic Scale Investigated by Synchrotron Radiation Technique
Bailey, Josh	S2-P6-11	Tuesday 16th	Three-Dimensional Correlative Imaging: A Comparison Between X-Ray Computed Tomography and FIB-SEM Slice-and-View in the Study of SOFC Anodes
Romell, Jenny	S2-P6-12	Tuesday 16th	Comparison of Grating- and Speckle-Based X-Ray Phase-Contrast Imaging
Hesse, Bernhard	S2-P6-13	Tuesday 16th	Angular-Dependent Absorption Spectroscopy Reveals Apatite Crystal Orientation in Human Teeth

Hornberger, Benjamin	S2-P6-14	Tuesday 16th	Correlative X-Ray and FIB-SEM Tomography to Address Multi-Scale Challenges in Materials Science
Schulz, Georg	S2-P6-15	Tuesday 16th	Multimodal Imaging of the Human Knee Down to the Cellular Level
Shin, Hyun-Joon	S2-P6-16	Tuesday 16th	Scanning Soft-X-Ray Spectro-Nanoprobe at the Pohang Light Source
Jain, Arvind Kumar	S2-P7-01	Tuesday 16th	Investigation of Inelastic Scattering Of X-Rays for the Alkaline Earth Oxides
Yamada, Jumpei	S2-P7-02	Tuesday 16th	Development of Concave-Convex Imaging Mirror System For Compact Full-Field X-Ray Microscope
Sharma, Sunita	S2-P7-03	Tuesday 16th	Mechanism Involved in X-Ray Microscopy of Biological Materials
Lee, Chien-yu	S2-P7-04	Tuesday 16th	An Innovative on-the-fly Scanning Data Acquisition System for X-Ray Nanoprobes at Taiwan Photon Source
Wu, Jian-Xing	S2-P7-05	Tuesday 16th	A Novel Spiral Trajectory Scanning System for X-Ray Microscopy Based on FPGA
Takano, Hidekazu	S2-P7-06	Tuesday 16th	Development of X-Ray Phase-CT Microscope based on Laboratory Source
Sowa, Katarzyna	S2-P7-07	Tuesday 16th	Defect-Assisted Hard X-Ray Microscopy with Polycapillary Optics
Swaraj, Sufal	S2-P7-08	Tuesday 16th	STXM at the Hermes Beamline: Capabilities and the First Commissioning Results
Beckman, F	S2-P7-09	Tuesday 16th	High-Energy Microtomography using Synchrotron Radiation at P07 / Petra III
Endrizzi, M	S2-P7-10	Tuesday 16th	Simple and Robust Synchrotron and Laboratory Solutions for High-Resolution Multimodal X-Ray Phase-Based Imaging
Winarksi, R	S2-P7-11	Tuesday 16th	Hard X-Ray Magnetic Contrast Nano-Tomography
Ryan, Chris	S2-P7-12	Tuesday 16th	Investigation of Metal Associations in the Metalliferous Black Shales of the Niutitang Formation by X-Ray Fluorescence Microscopy
Iacoviello, Francesco	S2-P7-13	Tuesday 16th	Advanced Zernike Phase Contrast: A New Method For Phase Contrast Imaging with X-Ray Microscopy
Sala, Simone	S2-P7-14	Tuesday 16th	Ptychographic Imaging for the Characterization Of X-Ray Free-Electron Laser Beams
Zhu, Peiping	S2-P7-15	Tuesday 16th	Extraction of Scattering, Refraction and Absorption Properties in Transmission X-Ray Microscopy
Dudin, Pavel	S2-P7-16	Tuesday 16th	Nano-ARPES Facility at Diamond Light Source
Heenan, Thomas	S2-P7-17	Tuesday 16th	Using Lab-Based Micro and Nano Computerised Tomography to Achieve Three Phase Segmentation of Ni-YSZ Anode Materials with Operationally Relevant Environments via Novel Preparation Techniques
Qili, He	S2-P7-18	Tuesday 16th	X-Ray Fluorescence CT Based on Three-Dimensional Radon Transform
Asensio, Maria	S2-P7-19	Tuesday 16th	High-Resolution Electronic and Chemical Imaging Using Scanning Angle Resolved Photoemission
De Andrade, Vincent	S2-P7-20	Tuesday 16th	Full-Field In-Situ Nano-Tomography Activity at the Advanced Photon Source
Maretzke, Simon	S2-P8-01	Tuesday 16th	Pinhole-CDI: Unique and Deterministic Phase Retrieval via Beam-Confinement
Bykova, Iuliia	S2-P8-02	Tuesday 16th	Implementation of Ptychographic Imaging at MAXYMUS X-Ray Microscope
Carroll, Aidan	S2-P8-03	Tuesday 16th	An Iterative Method for Propagation-Based Phase Contrast Imaging
Shiu, Hung Wei	S2-P8-04	Tuesday 16th	Soft X-Ray Coherent Scattering and Ptychography using KB Focusing Optics
Stampanoni, Marco	S2-P8-05	Tuesday 16th	Signal-to-Noise Criterion for Free-Propagation Imaging Techniques at Free-Electron Lasers and Synchrotrons
Wu, Yanlin	S2-P8-06	Tuesday 16th	Evaluation of Talbot-Based X-Ray Microscope System with Wide Field of View
Loetgering, Lars	S2-P8-07	Tuesday 16th	Near Field Diffraction Imaging from Multiple Detection Planes
Khimchenko, Anna	S2-P8-08	Tuesday 16th	X-Ray Nano-Microscopy at Diamond I13-2 beamline for the Investigation of Brain Tissues
Modregger, Peter	S2-P8-09	Tuesday 16th	Small Angle X-Ray Scattering with Edge-Illumination
Rumancev, Christoph	S2-P8-10	Tuesday 16th	Resonant Soft X-Ray Scattering and Ptychography with the HORST Chamber
Giewekemeyer, Klaus	S2-P8-11	Tuesday 16th	Experimental 3D Coherent Diffractive Imaging from Photon-Sparse Random Projections
Ruhlandt, Aike	S2-P8-12	Tuesday 16th	X-Ray Microscopy in Four Dimensions

Hipp, Alexander	S2-P8-13	Tuesday 16th	Comparison of a CMOS- and a CCD-Based Camera System for Grating-Based Phase-Contrast Tomography
Tadesse, Getnet Kassa	S2-P8-14	Tuesday 16th	Table-Top Coherent Diffractive Imaging - Towards Sub-10 nm Resolution
Garrevoet, Jan	S2-P8-15	Tuesday 16th	Simultaneous XRF and Ptychographic Imaging using a MAIA and EIGER Detector at P06, Petra III
Huang, Xiaojing	S2-P8-16	Tuesday 16th	Diffraction-Limited Measurements Using Ptychography at the Hard X-Ray Nanoprobe Beamline at NSLS-II
Mohan, Kadri Aditya	S2-P8-17	Tuesday 16th	CRITIR – Direct Tomographic 3D Reconstruction of the Complex Refractive Index
Xu, Zijian	S2-P8-18	Tuesday 16th	Low-Dose, High-Resolution and High-Efficiency Ptychography at STXM Station of SSRF
Schaff, Florian	S2-P8-19	Tuesday 16th	Large-Scale Nanostructure Investigations: Six-Dimensional SAXS-CT
Zhang, Fucai	S2-P8-20	Tuesday 16th	Single-Shot X-Ray Coherent Imaging for General Samples
Kuppili, Venkata Sree Charan	S2-P8-21	Tuesday 16th	Ptychotomography at DLS Coherence Beamline I13
Chalkidis, Stefanos	S2-P8-22	Tuesday 16th	Applications of Near-Field Ptychography with Hard and Soft X-Rays
Bidola, Pidassa	S2-P8-23	Tuesday 16th	Propagation-Based Phase Retrieval: Applications at a Lab-Based Micro-CT System
Hessing, Piet	S2-P8-24	Tuesday 16th	Holography-Guided Ptychography with Soft X-Rays
Batey, Darren	S2-P8-25	Tuesday 16th	The Enhancement of Ptychographic Images Through the Correction of Detector Imperfections
Fraczkiewicz, Alexandra	S3-P9-01	Wednesday 17th	3D Morphological and Structural Nanocharacterization for Microelectronics: The Potential of Recent, Long Synchrotron Beamlines
Wei, Der-Hsin	S3-P9-02	Wednesday 17th	Spectromicroscopy Inisghts of Ferromagnetic Retardation in Hybrid Spin-Valve
Harano, Takayuki	S3-P9-03	Wednesday 17th	Observation of Interface Between Resin and Carbon Fiber by Scanning Transmission X-Ray Microscopy
Zhang, Zhiyong	S3-P9-04	Wednesday 17th	Study of the Transformation of Ceria Nanoparticles in Plants Using STXM
Boesenberg, Ulrike	S3-P9-05	Wednesday 17th	Quick-XAS Using a Maia Detector at P06, Petra III
Zhou, Tunhe	S3-P9-06	Wednesday 17th	X-Ray Microtomography for Paperboard Structure Characterization Using a Laboratory System
Takemoto, Kuniko	S3-P9-07	Wednesday 17th	Application of Soft X-Ray Microscopy to Environmental Microbiology of Hydrosphere
Dynes, James	S3-P9-08	Wednesday 17th	Soft X-Ray Microprobe at the SGM Beamline at the CLS
Wang, Yudan	S3-P9-09	Wednesday 17th	Quantitative Multi-Scale Analysis to a Heterogeneous Shale by Synchrotron-Based X-Ray Tomography
Braun, Stefan	S3-P9-10	Wednesday 17th	Nanodiffraction Measurements with Multilayer Laue Lenses at ESRF Beamline ID13
Suga, Hiroki	S3-P9-11	Wednesday 17th	Distribution and Characterization of Carbon Components in the Allende Meteorite Matrix
Webb, Samuel	S3-P9-12	Wednesday 17th	Microscale X-Ray Spectroscopic Imaging as a Tool to Examine Complex Diagenetic Processes
Evans, Elizabeth	S3-P9-13	Wednesday 17th	Phantom Creation and Analysis: Improving X-Ray Microtomography Scanning of Soft Sediment Cores Containing Volcanic Ash
Araki, Tohru	S3-P9-14	Wednesday 17th	I08-SXM: A Multimodal Scanning X-Ray Microscopy Facility at the Diamond Light Source
Lai, Barry	S3-P9-15	Wednesday 17th	Development of In-Situ Sample Environments at the 2-ID-D X-Ray Fluorescence Microprobe
Andrew, Matthew	S3-P9-16	Wednesday 17th	Multi-Scale Imaging and Modelling of a Heterogeneous Sandstone
Lee, Sangsul	S3-P9-17	Wednesday 17th	Full-Field XANES Tomography for Industrial Application
Marone, Federica	S3-P10-01	Wednesday 17th	A Virtual Strategy for Fast Iterative Reconstruction in Interior Tomography Without a Priori Knowledge
Ryan, Chris	S3-P10-02	Wednesday 17th	High Throughput Quantitative per Pixel XFM Element Imaging Using Maia for Complex Natural Samples
Ruben, Gary	S3-P10-03	Wednesday 17th	Absorption Correction in X-Ray Fluorescence Tomography
Ignatyev, Konstantin	S3-P10-04	Wednesday 17th	Fast XRF CT Reconstruction with Absorption Correction on Diamond Beamline I18
Osterhoff, Markus	S3-P10-05	Wednesday 17th	Dada – A Web-Based 2D-Detector Analysis Tool
Schoonjans, Tom	S3-P10-06	Wednesday 17th	The XRAYLIB Library for Interactions of X-Rays With Matter

Langer, Max	S3-P10-07	Wednesday 17th	Registration of Fresnel Diffraction Patterns for X-Ray Phase Nanotomography
Saiga, Rino	S3-P11-01	Wednesday 17th	Mouse Brain Network Visualized with X-Ray Microtomography
Lai, Lee-Jene	S3-P11-02	Wednesday 17th	Development of Soft X-Ray Tomographic Microscopy for Biomedical Researches at Taiwan Photon Source
Gramaccioni, Chiara	S3-P11-03	Wednesday 17th	Combined Use of X-Ray Fluorescence Microscopy, Phase Contrast Imaging and Nanotomography for High Resolution Quantitative Fe Mapping in Inflamed Cells
Shi, Xiaomeng	S3-P11-04	Wednesday 17th	Combined use of Micro Computed Tomography and Histology to Evaluate the Bone Ingrowth in 3D Printed Bioactive Glass Scaffolds
Vogiatzis Oikonomidis, Ioannis	S3-P11-05	Wednesday 17th	Describing Acinar Microstructure and Dynamics at the Micrometer Scale
Vågberg, William	S3-P11-06	Wednesday 17th	Propagation-Based Phase-Contrast Tomography for Evaluation of Human Atherosclerotic Plaques
Disney, Catherine	S3-P11-07	Wednesday 17th	Visualising the 3D Microscopic Remodelling of Mechanically Loaded Native Tissues
Kepsutlu, Burcu	S3-P11-08	Wednesday 17th	Interaction of Biologically Relevant Nanoparticles with Cells Studied by X-Ray Tomography
Tozzi, Gianluca	S3-P11-10	Wednesday 17th	Strain and Microdamage Progression in the Vertebral Body from Digital Volume Correlation
Xue, Yanling	S3-P11-11	Wednesday 17th	Calcium Oxalate Cluster Crystals Investigation of Wild Ginseng via Quantitative X-Ray Micro-Tomography
Aranda, Miguel	S3-P12-01	Wednesday 17th	Chemistry and Microstructure of Eco-Cement Pastes Studied by Ptychographic X-Ray Computed Tomography
Vartaniants, Ivan	S3-P12-02	Wednesday 17th	Bragg Coherent X-Ray Diffractive Imaging of Single Nanowires
Wallentin, Jesper	S3-P12-03	Wednesday 17th	In Operando Scanning X-Ray Diffraction Microscopy of Strain and Bending in Nanowire Devices
Burdet, Nicolas	S3-P12-04	Wednesday 17th	High-Resolution Imaging of Weak-Phase Objects by Dark-Field X-Ray Ptychography
Zhou, Tao	S3-P12-05	Wednesday 17th	X-Ray Diffraction Microscope on the Nanodiffraction Beamline ID01/ESRF for Fast and High Resolution Structural Analysis
Flewett, Samuel	S3-P12-06	Wednesday 17th	3D Studies of Magnetic Stripe Domains in CoPd Multilayer Thin Films
Anthony, Nicholas	S3-P12-07	Wednesday 17th	Optical Ptychographic Microscopy for Quantitative Bio-Mechanical Imaging
Odstrcil, Michal	S3-P12-08	Wednesday 17th	High Resolution Ptychography Imaging of Hippocampal Neurons at 42ev Using a Coherent Laboratory Source
Baksh, Peter	S3-P12-09	Wednesday 17th	Quantitative Evaluation of Hard X-Ray Damage to Biological Samples Using EUV Ptychography
Rose, Max	S3-P12-10	Wednesday 17th	Water Window Ptychographic Imaging
Jiang, Huaidong	S3-P12-11	Wednesday 17th	Quantitative Imaging of Single Unstained Bacteria by Coherent X-Ray Diffraction Microscopy
Shimomura, Kei	S3-P12-12	Wednesday 17th	Efficient use of Coherent X-Rays in Ptychography: Towards High-Resolution and High-Throughput Observation of Weak-Phase Objects
Flückiger, Leonie	S3-P12-13	Wednesday 17th	Ultrafast X-Ray Imaging of Radiation Damage in a Nanoplasma at the Flash Free-Electron Laser
Xiao, Tiqiao	S3-P12-14	Wednesday 17th	Flat Beam Based X-Ray Diffraction Micro-CT For Grain Analysis In Polycrystalline Materials
Kimura, Takashi	S3-P12-15	Wednesday 17th	Coherent Diffractive Imaging for Solution Samples by Femtosecond X-Ray Laser
Garcia-Fernandez, Mirian	S3-P12-16	Wednesday 17th	Imaging Anti-Ferromagnetic A-Type Domains in Strongly Correlated LaSr2Mn2O7
Reinhardt, Juliane	S3-P12-17	Wednesday 17th	Low-Background Hard X-Ray Ptychography to Image Weak Objects
Wei, Chenxi	S3-P12-18	Wednesday 17th	X-Ray Grating-Based Phase Tomography Using Angular Signal Radiography Without Mechanical Phase Stepping
Wang, Yu-Fu	S3-P13-01	Wednesday 17th	Effect of Carbon Implantation on the Magnetic Properties of Nano-Architectural ZnO
Hsu, Yao-Jane	S3-P13-02	Wednesday 17th	Interfacial Chemical Redox at a Mesoscopic NiO/Perovskite Heterojunction for Efficient Solar Cell by Scanning Transmission X-Ray Microscope
Mohan, Harsh	S3-P13-03	Wednesday 17th	Investigation of L X-Ray Parameters of High Z Elements

Guan, Yong	S3-P13-04	Wednesday 17th	Effect of Impurities in Nickel Oxide Powder on the Microstructure and Electrical Property of a Nickel–Yttria-Stabilized Zirconia Anode
Tian, Yangchao	S3-P13-05	Wednesday 17th	Lattice Boltzmann Modeling of Gas Transport with Electrochemical Reaction in Ni-YSZ Anode Using Reconstructed Microstructure from Nano-CT
Holzner, Christian	S3-P13-06	Wednesday 17th	Nondestructive Materials Characterization in 3D by Laboratory Diffraction Contrast Tomography
Song, Yen-Fang	S3-P13-07	Wednesday 17th	Toward In-Operando Nano-Tomography of Green Energy and Nano-Material Revealed by Nano-TXM
Yang, Fei	S3-P13-08	Wednesday 17th	Dark-Field Imaging of Water Migration in Layered Cementitious Materials
Cai, Zhonghou	S3-P13-09	Wednesday 17th	X-Ray Microscopy Studies of Vitrified Nuclear Waste Form
Hitchcock, Adam	S3-P13-10	Wednesday 17th	2D and 3D Soft X-Ray Spectro-Microscopy and Spectro-Ptychography of Fuel Cell Cathodes
Tjaden, Bernhard	S3-P13-11	Wednesday 17th	Understanding Transport Phenomena in Electrochemical Energy Devices: A Correlative Approach
Sekizawa, Oki	S3-P13-12	Wednesday 17th	In-Situ X-Ray Nano-CT/XAFS System for Polymer Electrolyte Fuel Cells Under Operating Conditions
Meirer, Florian	S3-P13-13	Wednesday 17th	Metal Poisoning of Catalyst Particles as Studied by X-Ray Imaging at Multiple Length Scales
Kimura, Masao	S3-P13-14	Wednesday 17th	Multi-Scale X-Ray Microscopic Imaging of Heterogenous Reduction of Iron-Ore Sinters
Stuckelberger, Michael	S3-P13-15	Wednesday 17th	X-Ray Beam Induced Current for Nanoscale Engineering of Electronic Devices
Lee, Hangil	S3-P13-16	Wednesday 17th	STXM Study of Pd@TiO2 and NH3 Doped Pd@TiO2 Nanoparticles
Li, Ruixing	S3-P13-17	Wednesday 17th	Infrared Shielding Materials --- Molybdenum-Containing Tungsten Bronzes
Lu, Xuekun	S3-P13-18	Wednesday 17th	Multi-Scale Image-Based Modeling of Mass Transport in a Novel-Fabricated Porous Solid Oxide Fuel Cell Anode
Kareh, Kristina Maria	S3-P13-19	Wednesday 17th	Multi-Scale Advanced Characterisation of the Degradation and Failure of Electrochemical Energy Devices
De Jesus, Luis	S3-P13-20	Wednesday 17th	Mapping Electronic Structure Inhomogenieties in Individual LixV2O5 Nanowires
Wise, Anna	S3-P13-21	Wednesday 17th	X-Ray Ptychography of Energy Storage Materials
Bauer, Sondes	S3-P13-22	Wednesday 17th	In-Operando Spectroscopy Imaging Study of High Voltage Spinel Cathode Using Hard X-Ray Full-Field Microscopy with nm Resolution