

Poster Session

13:30-15:00 April 23 (Wed), Pacifico Yokohama Exhibition Hall A

Poster number	Speaker	Affiliation	Title
1	Nazanin Samadi	DESY	A dedicated hutch at PETRA III for testing X-ray optics and instrumentation: Developments towards PETRA IV
2	Mikako Makita	European XFEL GmbH	Hard X-ray, Free Electron Lasers pulse-sharing operations at the European XFEL
3	Ryota Minamisawa	Nagoya University	Development of ultraprecise multilayer deformable mirrors for adaptive X-ray microscope
4	Yu-Hao Wu	NSRRC	Visualizing the $\text{Eu}^{2+}/\text{Eu}^{3+}$ ions in BaAl_2O_4 phosphor using TPS 23A X-ray nanoprobe beamline
5	Kiho Takemura	Osaka University	X-ray nanobeam scanner for high-resolution ptychography using Advanced KB mirror and Risley Prism
6	Louisa Pickworth	Lund University	Optical design for the SpectroWISE beamline at MAX IV
7	Elliot Jane	XDS Oxford	Testing developments of the XDS Oxford - JTEC UHV Bimorph Mirror System
8	Ikuyuki Mitsuishi	Nagoya University	Very short focal length space X-ray optics for CubeSats
9	Makoto Yoshihara	Nagoya University	Development of X-ray imaging spectrometer for the sounding rocket experiment of aurora, LAMP-2
10	Thu Nhi TRAN CALISTE	ESRF	Enhanced Crystal Characterization with Rocking Curve Imaging at BM05 - ESRF
11	Tatiana Pikuz	Osaka University	Compact submicron resolution double imaging phase-contrast radiography for pump-probe experiment with XFEL
12	Akio Yoneyama	SAGA Light Source	4D Observation of Noodle Boiling Process Using High-Speed X-ray Imager 'HAYAKA'
13	Kosei Harada	Keio University	Three-dimensional structure analysis of a printer toner particle by cryogenic X-ray diffraction imaging tomography
14	Arata Iwano	Osaka University	Development of X-ray two-color multilayer for XFEL nanofocusing mirrors
15	Jörn Volker Wochnowski	TH Lübeck	Arrays of Highly Flexible Coated Hollow Capillaries for Synchrotron Radiation
16	Ryuji Oda	Osaka University	Surface finishing of a micro channel-cut crystal monochromator for self-seeding using high-pressure plasma etching
18	Kyota Yoshinaga	The University of Tokyo	Development of simple switchable sample positioning system for soft X-ray microscopy using achromatic total-reflection Wolter mirror
19	Ryo B. Tanaka	Osaka Metropolitan University	Quantum entanglement state between photoelectron spin and emitted photon polarization in spin and polarization resolved XEPCS of Ti_2O_3
21	Taito Osaka	RIKEN SPring-8 Center	Improving Energy Resolution of Single-Shot X-Ray Spectrometers Using Detuned Non-Dispersive Multi-Crystal Analyzer
22	Wieland Corts	Forschungszentrum Jülich GmbH	A Fast-X-Ray Reflectivity Setup for sub-second Operando Studies of Electrochemical Interfaces
23	Chika Kamezawa	Tohoku University	Feasibility study of different frequencies elastography using laboratory X-ray source
24	Jianli Guo	The University of Tokyo	Atomic-Level Polishing of X-ray Mirrors using PMMA in Water
25	Yuichi Nagayama	The University of Tokyo	Towards Soft X-ray Reflection Ptychography using Long Working Distance Reflection Optics
26	Rinno Ubukata	Tohoku University	Laboratory 3D X-ray elastography using a lens-coupled high-speed X-ray imaging detector
27	Shuai Zhang	Chinese Academy of Sciences	Sub-aperture Stitching Interferometry with Dual Quaternion for X-ray mirrors
28	Atsuya Nagamatsu	Osaka University	Development of scanning-imaging X-ray microscope using advanced Kirkpatrick-Baez mirror
29	Letian Bai	The University of Tokyo	Observation of End Milling Phenomena Using Synchrotron X-Ray High-Speed Imaging with a Compact Machining Center
30	Kai Sakurai	The University of Tokyo	Development of a Liquid Sample Holder and an Application for Soft-X-ray Ptychography of Living Cells
31	Tomomi Ogaki	Canon Marketing Japan Inc.	X-ray Optics System for Laboratory X-ray Absorption Spectroscopy
32	Bi-Hsuan Lin	NSRRC	Probing the Peculiar Emission Properties of Ce-doped YAG Wafer via XEOL and TR-XEOL of Hard X-ray Nanoprobe
33	Haruki Kuramoto	Osaka University	Hard X-ray Telescope onboard Balloon-borne Polarimeter XL-Calibur
34	Gung-Chian Yin	NSRRC	The Long-Working Distance and Large Field Of View Transmission X-ray Microscopy at Taiwan Photon Source
35	Toma Ueyama	Nagoya University	Development of ultrathin deformable mirror for wavelength-independent sub-10nm focusing
36	Yu Nakata	The University of Tokyo	Evaluation of high-magnification total-reflection optics for stimulated X-ray Raman scattering imaging using X-ray free-electron laser
37	Kento Ogasawara	The University of Tokyo	Design of X-ray Nano-Focusing Mirrors Using Curved Crystal Optics
38	Kosuke Kushida	Nagoya University	Development of a wide-field-of-view X-ray imaging optical system using total-reflection mirrors
39	Ryosuke Ueda	Tohoku University	X-ray Imaging and Tomography at BL09W in NanoTerasu, a 4th-generation high-brilliance 3 GeV Synchrotron Light Source
40	Masaki Numazawa	Tokyo Metropolitan University	Development of silicon foil X-ray mirrors using hot plastic deformation process
41	Fugui Yang	Institute of High Energy Physics	X-ray Angular Metrology Based on Crystal Dynamical Diffraction