

## Poster Presentation List

Poster	Presenting Author	Institution	Title
P-1	Adlmann, Franz	Uppsala Universitet	'Överlåtaren' a fast way to transfer and orthogonalize 2D offspecular reflectivity data in q-space
P-2	Anada, Masato	Osaka University	Reverse Monte-Carlo analysis of CTR data from perovskite-type oxide thin films
P-3	Ankner, John	Oak Ridge National Laboratory	Deuteration, Mass Balance, and Constrained Models: Comprehending Polyelectrolyte Chemistry using Neutron Reflectometry
P-4	Arnold, Thomas	Diamond Light Source Ltd.	Surfactant and Phospholipid behaviour on the surface of Deep Eutectic Solvents
P-5	Barbour, Andi	Brookhaven National Laboratory	Study of Electrochemical Oxidation and Reduction of Pt(111) Using X-ray Crystal Truncation Rods Acquired with an Area Detector
P-6	Barkley, Deborah	Stony Brook University	Chain conformation near the substrate interface in nanoparticle stabilized polymer thin films
P-7	Basutkar, Monali	The University of Akron	Tuning Ordering Dynamics for Orientation Control in Cold Zone Annealed Block Copolymer Thin Films
P-8	Begam, Nafisa	Indian Institute of Science	Kinetics of dispersion of nanoparticles in thin polymer films at high temperature
P-9	Browning, Jim	Oak Ridge National Laboratory	Using Neutron Reflectometry to Investigate Solid-Electrolyte Interphase Formation, in situ, in Energy Storage Materials Formation, in situ, in Energy Storage Materials
P-10	Bu, Wei	University of Chicago	High Energy X-ray Scattering in the Reflection Model from a Rare Earth Ion Aqueous Solution
P-11	Cao, Chuntian	SLAC National Accelerator Laboratory	In-situ study of silicon electrode lithiation via X-ray reflectivity
P-12	Choi, Yongseong	Argonne National Laboratory	Correlating interfacial octahedral coupling with electronic properties in nickelate heterostructures
P-13	Chu, Miaoqi	Northwestern University	Direct observation of anion crowding at an electrode-ionic liquid interface using X-ray reflectivity
P-14	Coati, Alessandro	Synchrotron SOLEIL	In-situ study of AuCu NanoParticles epitaxied on TiO <sub>2</sub> (110): Synthesis, structure and behaviour at low pressure of reactant
P-15	Coati, Alessandro	Synchrotron SOLEIL	Surfaces and Interfaces X-ray Scattering (SixS) beamline at SOLEIL
P-16	Coppola, Roberto	ENEA-Casaccia	Small-angle scattering studies of irradiated steels for nuclear applications
P-17	De Jeu, Wim	DWI–Leibniz Institute for Interactive Materials	Thin films of substituted thiophenes: Order and frustration
P-18	Dogan, Susanne	DELTA, TU Dortmund	pH- and surface pressure-depend adsorption of human apolipoprotein A1 at solid/liquid- and gas/liquid-interfaces.
P-19	Dugger, Jason	Oak Ridge National Laboratory	Determining the Electromechanical Response Mechanism of Nanostructured Ionic Block Copolymers
P-20	Festersen, Sven	Kiel University	Utilization of curved edges for XRR measurements on liquid samples
P-21	Fister, Tim	Argonne National Laboratory	Solvation, sorption, and electrodeposition in multivalent batteries
P-22	Fontaine, Philippe	Synchrotron SOLEIL	Semifluorinated Alkanes Monolayer at the Air Water Interface
P-23	Fontaine, Philippe	Synchrotron SOLEIL	SIRIUS: GIWAXS, GISAXS and surface spectroscopy beamline in the tender x-ray range at SOLEIL Synchrotron

## Poster Presentation List

Poster	Presenting Author	Institution	Title
P-24	Forov, Yury	DELTA, TU Dortmund	Ions at hydrophobic interfaces
P-25	Fukuto, Masafumi	Brookhaven National Laboratory	Transmission X-ray Scattering as a Probe for Complex Liquid-Surface Structures
P-26	Garreau, Yves	Synchrotron SOLEIL and CNRS-Université d'Orléans	In-situ Anomalous X-ray Scattering: Chemical Order in AgCo Nanoparticles during Growth and Annealing
P-27	Gura, Anna	Stony Brook University	Investigation of Domain Behaviour in PbTiO <sub>3</sub> /SrTiO <sub>3</sub> Superlattices using X-Ray Diffraction Methods
P-28	Haddad, Julia	Bar-Ilan University	Order and Melting in Self-Assembled Alkanol Monolayers on Amorphous SiO <sub>2</sub>
P-29	Han, Young-Soo	Korea Institute of Geoscience and Mineral Resources	Synchrotron X-ray Beam-Induced Oxidation/Reduction of Arsenic during As K-edge X-ray Absorption Spectroscopy Measurements
P-30	Headrick, Randall	University of Vermont	NLSL-II beamline for Integrated In-Situ and Resonant X-ray Studies (ISR)
P-31	Hejral, Uta	Deutsches Elektronen-Synchrotron (DESY)	Tracking the shape-dependent sintering of Pt-Rh model catalysts under operando conditions
P-32	Hori, Koichiro	High Energy Accelerator Research Organization	Aggregation Structure and Molecular Motion of Polybutadiene Bound Rubber on Carbon Surface
P-33	Huber, Patrick	Technische Universität Hamburg	Formation of Periodically Arranged Nanobubbles in Mesopores: Capillary Bridge Formation and Cavitation during Sorption and Solidification in an Hierarchical Porous SBA-15 Matrix
P-34	Jeon, Tae-Yeol	Pohang Accelerator Laboratory	Relationship between Potentials of Zero Charge and Geometric Properties of Transition Metal Nanocatalysts
P-35	Jiang, Naisheng	Stony Brook University	In-situ X-ray Reflectivity and Microscopy Studies on Irreversibly Adsorbed Polymer Layers on Solids
P-36	Kaganer, Vladimir	Paul-Drude-Institut für Festkörperelektronik	Strain relaxation in coalesced GaN nanowires: an x-ray diffraction study
P-37	Kusano, Shogo	Kwansei Gakuin University	Development of CV-XAFS method for studying electrode/electrolyte reactions on catalysts
P-38	Lee, Hyun Hwi	Pohang Accelerator Lab	Noncontact Selective Modification and Chain Alignment of Conducting Polymer Blend Films by an Ultrafast laser writing
P-39	Lee, Jeong-Soo	Korea Atomic Energy Research Institute	Cold Neutron Reflectometer (CN REF-V) at the HANARO
P-40	Lhermitte, Julien	Brookhaven National Laboratory	In Situ Spatial Structural Characterization of Meso Scale Structures Using X-rays
P-41	Li, Hongfei	Stony Brook University	A study of the influence of graphene and graphene oxide nanoparticles on the self-diffusion coefficient of PMMA
P-42	Li, Hongfei	Stony Brook University	Enhancing the performance of BHJ solar cell via self-assembly tem-plates in active layer
P-43	Lin, Binhua	University of Chicago	The Role of Ligand in the Mechanical Properties of Self-Assembled Nanoparticle Films
P-44	Lippmann, Milena	Deutsches Elektronen-Synchrotron (DESY)	A new setup of high resolution in-situ X-ray reflectivity experiments
P-45	Liu, Rui	Stony Brook University	Rapid in-situ x-ray diffraction during the growth of ferroelectric superlattices
P-46	Liu, Yaohua	Oak Ridge National Laboratory	Recent Progress of CORELLI: The Elastic Diffuse Scattering Spectrometer at SNS

## Poster Presentation List

Poster	Presenting Author	Institution	Title
P-47	Lu, Xinhui	Chinese University of Hong Kong	Grazing incidence X-ray Scattering Studies on the Morphology of Organic Bulk Heterojunction Solar Cells
P-48	Lützenkirchen-Hecht, Dirk	Bergische Universität Wuppertal	Combining specular and non-specular reflectivity EXAFS investigations by using 2D-area detectors for the study of annealing processes in metal bilayers
P-49	Lützenkirchen-Hecht, Dirk	Bergische Universität Wuppertal	In-situ investigation of NiAl alloy formation in Ni-Al multilayers by combined specular and non-specular reflectivity EXAFS investigations
P-50	Majewski, Pawel	Brookhaven National Laboratory	GISAXS Studies of Laser-Induced Block Copolymer Self-Assembly
P-51	Mattepanavar, Shidaling	Bangalore University	Evidence for magnetoelectric and spin - lattice coupling in PbFe <sub>0.5</sub> Nb <sub>0.5</sub> O <sub>3</sub> multiferroic
P-52	Mezger, Markus	Max Planck Institute for Polymer Research	Barrier Formation at Ionic liquid Surfaces
P-53	Miller, Mitchell	Northwestern University	Observation of Ordered Structures in Counterion Layers Near Wet Charged Surfaces
P-54	Mukhopadhyay, Mrinmay K.	Saha Institute of Nuclear Physics	Lateral Organization of Cholesterol in Phospholipid Membrane
P-55	Murphy, Bridget	Kiel University	X-ray pump - optical probe capability at LISA Liquid Surface Diffractometer
P-56	Nakamura, Masashi	Chiba University	Structural dynamics of the initial stage of Cu deposition/dissolution on Au(111) electrode
P-57	Nase, Julia	DELTA, TU Dortmund	Hydrophobic interfaces at increased hydrostatic pressures
P-58	Nesamony, Victor Jaya	Anna University	Preparation and characterization of mono dispersed silica spheres embedded with a Fe <sub>2</sub> O <sub>3</sub> Nanocrystals for biomedical applications
P-59	Nesamony, Victor Jaya	Anna University	In-Situ High Pressure Studies on Nanocrystalline Mercury Sulphide
P-60	Nikolaev, Konstantin	University of Twente	Study of crystal surface with asymmetric X-Ray diffraction
P-61	Park, Jin Hee	Korea Institute of Geoscience and Mineral Resources	Arsenic incorporation by iron minerals applicable to natural attenuation of arsenic
P-62	Passariello, Nicole	Stony Brook University	Anti-biofouling property of adsorbed polymer nanolayers
P-63	Phan, Minh Dinh	Sogang University	Intrinsic Dynamic Difference Between Hydrogenated and Deuterated Lipids and Packing Effect on Their Transbilayer Movement
P-64	Ruett, Uta	DESY Photon Science	"GIXD measurements on monolayers at the water/air interface with hard and high
P-65	Ruett, Uta	DESY Photon Science	MBE: Time Resolved Studies with High Energy Photon GIXD
P-66	Salmen, Paul	DELTA, TU Dortmund	Lysozyme at the solid - liquid interface - A high pressure X-ray reflectivity study
P-67	Salunke, Namrata	The University of Akron	Wetting/non-wetting transition in FOSM-DMA-FOSM hydrogel triblock copolymer thin films
P-68	Sen, Mani	Stony Brook University	Block copolymer adsorbed layers on solids
P-69	Shi, Xiaowen	Diamond Light Source Ltd.	Hard x-ray diffraction imaging in Bragg geometry
P-70	Shmueli, Yuval	Stony Brook University	Interfacial Phenomena in 3D Printing of Polymers
P-71	Skatkov, Leonid	PCB "Argo"	SAXS Investigation of Microporosity of NbH Sintered Powder

## Poster Presentation List

Poster	Presenting Author	Institution	Title
P-72	Soyama, Kazuhiko	J-PARC Center, JAEA	Polarized Neutron Reflectometer "Sharaku" with 2-D MWPC in J-PARC
P-73	Steinrück, Hans-Georg	SLAC National Accelerator Laboratory	In-operando Electrochemical Study Epitaxial Thin Film V2O5 Electrodes: Results from X-ray Reflectivity
P-74	Su, Yunlan	Institute of Chemistry, Chinese Academy of Sciences	Nanoparticle Enlarged Interfacial Effect on Phase Transition of 1-Octadecanol/Silica Composites
P-75	Surmeier, Göran	DELTA, TU Dortmund	Solid-supported DMPC multilayers containing cholesterol at high hydrostatic pressure
P-76	Wakabayashi, Yusuke	Osaka University	External field control of self-assembled monolayer on Au(111)
P-77	Walko, Donald A.	Argonne National Laboratory	Photoinduced dynamic phase competition probed by surface x-ray diffraction
P-78	Wang, Cheng	Lawrence Berkeley National Laboratory	Resonant Soft X-ray Scattering for Soft Materials
P-79	Wiegart, Lutz	Brookhaven National Laboratory	Coherent Hard X-ray Scattering Beamline for Structure and Dynamics Investigations at Liquid and Solid Interfaces
P-80	Yang, Zhenhua	Stony Brook University	Ternary blend polymer solar cells with self-assembled structure for enhancing power conversion efficiency
P-81	Yano, Yohko F.	Kindai University	A simultaneous multiple angle-wavelength dispersive X-ray reflectometer applied to the dynamical study of soft matter interfaces
P-82	Yuan, Guangcui	National Institute of Standards and Technology	Liquid-solid transition in colloidal system with added adsorptive polymer
P-83	Zhernenkov, Mikhail	Brookhaven National Laboratory	Design of Soft Matter Interfaces beamline at NSLS-II
P-84	Zhernenkov, Mikhail	Brookhaven National Laboratory	Thermoresponsive PNIPAM coatings for tissue engineering studied by neutron reflectometry