Poster session

No.	Name	Title
1	Alipour, Akbar	Fluorescent Heterodoped Nanotetrapods as dual-mode contrast agent in MRI
2	Antoja Lleonart, Jordi	Si-based sustainable piezoelectrics
3	Bahariqushchi, Rahim	Structural and Optical study of Ge nanocrystals embedded in Si3N4 superlattice structure
4	Bißwanger, Timo	Preserving π-conjugation in covalently functionalized carbon nanotubes for optoelectronic applications
5	Bocharov, Dmitry	Interpretation of EXAFS spectra using first principles molecular dynamics
6	Boué, François	Small angle neutron and X ray scattering from mixed systems: from nanoparticles- biopolyelectrolytes to magnetic nanorods in polymer melts
7	Christensen, Christian Kolle	Operando scattering studies of Vanadium Oxide Nanotubes as Cathode Materials for Mg-ion batteries
8	Cintins, Arturs	X-ray absorption spectroscopy of ODS steels
9	Crea, Fucsia	Characterization of photoswitchable lipids
10	Domènech Garcia, Berta	Production and characterization of hierarchical, multifunctional ceramic / metal polymer material systems
11	Dzierzgowski, Kacper	Rare earth orthoniobates - RENbO4
12	Frenzel, Lara	Structure and Dynamics of concentrated PNIPAm microgels
13	Garcia Penas, Alberto	Remarkable competition between mesomorphic, monoclinic and trigonal phases in isotactic poly(propylene-co-1-pentene-co-1-heptene) terpolymers
14	Gizer, Gökhan	Structural Analysis on Mg(NH2)2-2LiH-xKH System
15	Hallmann, Jörg	Science at the Materials Imaging and Dynamics Instrument of European XFEL
16	Henriksen, Christian	How nanosizing could improve the rate capabilities of hydroxyl iron phosphates
17	Hornberger, Elisabeth	In Situ X-ray Stability Studies of Platinum Nanoparticles Supported on Metal Oxides for Hydrogen Fuel Cell Electrodes
18	Hosseini, Hemen	Design and Implementation of Data Acquisition and Control System on Powder X-ray Diffraction Furnace
19	Jarzebski, Maciej	NTA and DLS techniques for nanomaterials characteriztaion
20	Jensen, Nicholai Daugaard	Study of Layered Double Hydroxides Intercalated with Para-Aminosalicylate
21	Jonane, Inga	X-ray absorption spectroscopy study of nanocrystalline yttria
22	Jordt, Philipp	Nanofocus diffraction studies of strain in piezotronic ZnO microstructures
23	Kapusta, Ondrej	Magnetic properties of nanoparticles prepared within ordered porous matrix
24	Karatok, Mustafa	Methanol interaction with atomic oxygen on the unreconstructed Ag(111) surface

25	Kielgast, Fridtjof	Noncollinear spin arrangement in small, size-selected FeV clusters on Cu(100)
26	Kim, Chan	Bragg Ptychography Imaging of Phase-Ordering Fe-Al Alloys
27	Klingenhof, Malte	Investigations of manganese iron oxide nanoparticles as catalysts for the electrochemical water splitting reaction
28	Korculanin, Olivera	Anomalous structural response of nematic colloidal platelets subjected to Large Amplitude Stress Oscillations
29	Kurt, Merve	Understanding Exothermic Catalytic Decomposition of Ionic Liquids Under Anaerobic Conditions: New Structure Functionality Relationships
30	Lundehøj, Laura	A Solid-State NMR Study of CaAl- and MgAl-LDH Intercalated with Phosphate
31	Lutz-Bueno, Viviane	Techniques developed at cSAXS beamline
32	Lu, Wei	Development of a hard X-ray Split and Delay Line unit for the MID station at the European XFEL
33	Mackosz, Krzysztof	Local structure of dopants in Bi2Se3 and Bi2Te3 single crystals
34	Matusiak, Katarzyna	The in vivo study of the dynamics of elemental changes occuring in the liver after the iron oxides nanoparticles administration
35	Mazalski, Piotr	Synchrotron studies of Co nanostructures modified by ion irradiation
36	Mercurio, Giuseppe	X-ray standing wave experiments at FLASH
37	Merzdorf, Thomas	Synthesis and Characterization of Nickel-based Layered Double Hydroxide Electrocatalysts for the Oxygen Evolution Reaction
38	Moretti, Paolo	Conformational disorder of β - amyloid: Small Angle X-ray Scattering study
39	Mukharamova, Nastasia	Ultrafast melting of the colloidal crystals in the pump-probe experiment at LCLS
40	Nopens, Martin	Structural changes in nanoporous biopolymer composites
41	Novak, Sanja	Self-assembly of DNA-based anisotropic soft-patchy particles
42	Nowakowski, Michal	Modern approach of X-Ray spectroscopy to PrPc protein study
43	Osterhoff, Markus	Hard X-ray Imaging and Nano-Diffraction @ GINIX
44	Otte, Florian	Study of the thermal heat loads on the Si(311) Bragg-monochromator of beamline BL9 at DELTA for operation with a new high field wiggler
45	Pandey, Rishikesh	Nature of Stress and Electric-Field Driven Structural Transformation in (1-x)Bi(M/1/2M//1/2)O3-xPbTiO3 Solid Solution
46	Parisse, Pietro	Synchrotron Radiation and Free Electron Laser experiments on natural vesicles
47	Pfluegler, Nadine	New test method of die attach reliability assessment for future zero-defect electronic devices
48	Pitala, Krzysztof	Origin of ferromagnetism in nanocomposite oxide films
49	Ramesh, Arathi	Studying THz Time Domain Spectroscopy system based on Tera-SED THz antenna
50	Reinhardt, Juliane	Resonant Hard X-ray Ptychography for High-Sensitivity Imaging with Chemical Contrast

51	Ricci, Caterina	Aβ amyloid folding and interactions investigated by Small Angle X-ray Scattering
52	Roman, Marta	Physical properties of NbSeI compound
53	Rudek, Benedikt	Dose enhancement by gold nanoparticles in radiotherapy
54	Rysov, Rustam	Development of next generation hard X-Ray split and delay line
55	Santos-Silva, Teresa	Can nanoparticles be used for efficient CO delivery during inflammation?
56	Scholz, Maria	Microchip Characterization at a Synchrotron
57	Singh, Vijay	A cryogenic helium buffer gas source for producing cold beams of large biomolecules
58	Skoczen, Agnieszka	The chages of iron accumulation occurring in selected rat organs after IONPs administration.
59	Smekhova, Alevtina	X-rays for studies of the local structure and magnetism development through the phase transition in Fe60Al40 thin films
60	Smik, Michael	Nanoparticle supercrystals: structure and (some) insights into both macroscopic and microscopic magnetic behavior
61	Sørensen, Daniel Riskov	Operando Synchrotron PXD on Vanadium-Based Lithium Ion Batteries
62	Stepien, Joanna	Angle resolved XAS spectra of TM doped topological insulators
63	Tardillo Suarez, Vanessa Isabel	Fate of Ag nanoparticles in Hepatocytes revealed by combined nano-XRF/TEM imaging and nano-XAS
64	Valenta, Richard	GISAXS simulations of filamentary inhomogeneities with gradients in resistively switching SrTiO3
65	Vrankovic, Dragoljub	Nanostructured Silicon-Based Anode Materials for Lithium-Ion Batteries
66	Wang, Xingli	Controlling CH4/C2H4 Ratio by Changing Cu Nanoparticles Loading during CO2 Electroreduction Reaction
67	Wei, Yingfen	Ferroelectric Hf0.5Zr0.5O2 thin films
68	Winiarz, Piotr	Selected properties of titanium doped yttrium niobate
69	Witte, Ralf	Strain-induced magnetic nanostructures in epitaxial FeRh thin films
70	Yaman, Muammer	Moltan salt assisted self-assembly process to modify cadmium selenide sensitized titania based solar cells
71	Ziegert, Falko	Collective diffusion in binary mixtures of highly charged colloidal suspensions: a combined light scattering and Brownian Dynamics simulation study