NanoMat Science Day 2023 Poster Session

No.	Name	Title of the poster
1	Saba Alizadehfanaloo	Operando XAS Tomography for rapid 3D characterization of Mo-catalysts for oxidative dehydrogenation of ethane
2	Lydia Johanna Bachmann	Coherent X ray diffraction imaging of a single PtRh nanocatalyst under operando condition
3	Kai Bagschik	PETRA IV Beamline Portfolio
4	Radik Batraev	Automatized data analysis for SXRD
5	Pablo Bereciartua	MagStREXS: a Software to Study Magnetic Structures through Resonant Elastic X-ray Scattering
7	Miguel Blanco Garcia	Adsorption of spike amino acids on the surface of model catalyst TiO2
8	Yusuf Bulut	In-situ investigation during gold HiPIMS deposition onto polymers
9	Oksana Chukova	Spectroscopy of the Dy3+ ions in the LaVO4:Dy nanoparticles and correlations with crystal phase composition
10	Lars Dammann	Simulation of imbibition induced deformation on the single nanopore scale
11	Daniel Silvan Dolling	TiO2 Photocatalysis for Virus Inactivation
12	Jan Lukas Dresselhaus	Towards high resolution X-ray imaging using MLLs
13	Jagrati Dwivedi	Correlative spectro-microscopy to follow the oxidation of PtRh core-shell nanoparticles
14	Emma Ehrenreich-Petersen	Combined phase contrast imaging and diffraction at extreme conditions
15	Robert Farla	Current and future role of P61B in NanoMat
16	Silja Flenner	Phase contrast nanotomography at P05 for in situ applications
17	Fernando García Martinez	Effect of Rh steps on the NO reduction by CO
18	Helena Gleissner	Time Resolved Photoemission Study of the Charge Transfer Dynamics in Rutile TiO2(110) for CO Photooxidation to CO2
19	Yingjian Guo	Biopolymer-Templated Deposition of Hierarchical 3D-Structured Graphene/Gold Nanoparticle Hybrids for Ultrasensitive Surface-Enhanced Raman Scattering
20	Dawit Hailu	Advanced phase retrieval for X-ray Phase contrast tomography
21	Zoltan Hegedues	tba
22	Gerard Hinsley	Resolving the 3D Structure of Au Colloidal Mesocrystals by Coherent X-ray Diffractive Imaging
23	Moritz Hoesch	Active Dopant Sites in Hyperdoped Si and Ge Investigated by Photoemission
24	Thomas Keller	Coherent X-ray Diffraction of an Imperfect Pt Nanodot-Array
25	Azat Khadiev	Phase- and particle-selectivity with DAFS and sub-micron X-ray beams at P23: the case of SmTaS3 nanotubes
26	Mona Kohantorabi	Adsorption and Photocatalytic Inactivation of SARS-CoV-2 and Virus Like Particles on the surface of TiO2(101).
27	Simon Marotzke	Unraveling Charge Transfer to Understand Superconductivity in MgB2
28	Alexander Meinhardt	Following the directed self-assembly of crystallizable block-co-oligomers via in situ AFM
29	Kuan Hoon Ngoi	Packing Behavious of Mesocrystals formed by Au Nanooctahedral Nanocrystals determined using AXCCA
31	Deepak Prajapat	Pressure induced magnetic ordering in four layer Aurivillius compound Bi5FeTi3O15
32	Daniele Ronchetti	Enhancing soft x-ray diffraction by photoionization-induced manipulation of electronic populations
33	Kai Schlage	Innovative Sputter Coating at DESY
34	Oliver Seeck	New Access Model at PETRA III and PETRA IV
35	SHWETA SINGH	In-operando studies of piezoelectric HfO2 on III-V semiconductors substrates and nanostructured devices
36	Yevheniia Smortsova	Circularly polarized time-resolved luminescence measurements at P66
37	Bihan Wang	CoSb3 nanoparticle under high pressure investigated by BCDI
38	Gaoming Zhu	Effec+A1:I39t of strain rate on slip activation in a Mg-Al alloy by in-situ 3DXRD