

X AUSE Conference & V ALBA User's meeting

Thursday, 8 September 2022

List of posters presented during the conference - Maxwell Auditorium (19:35 - 20:35)

time	[id] title	presenter
19:35	[55] Nylon 7,10: Real time X-ray diffraction and FTIR microspectroscopy studies on a novel odd-even polyamide	ARIOLI, Matteo
19:35	[70] BL06-XAIRA, the new microfocus beamline for MX at ALBA: status and scientific opportunities	GARRIGA RIGAU, Damià
19:35	[32] Fast X-ray micro-tomography with a multi-scale approach at the ALBA synchrotron	Dr PATERA, Alessandra
19:35	[23] Synchrotron X-ray diffraction study of novel orthovanadates, $\text{Ca}_{10.5-x}\text{TM}_x(\text{VO}_4)_7$, in broad temperature range	Ms RAHIMI MOSAFER, houri
19:35	[61] The role of casein in the carbonation of transferred Romanesque mural paintings	SALVADÓ, Nati
19:35	[57] Electronic and magnetic structure of Ru and Mn in new potential multiferroic materials $\text{Ca}_3\text{Mn}_{2-x}\text{Ru}_x\text{O}_7$ ($x \leq 0.5$) by X-ray Spectroscopy	CUARTERO, Vera
19:35	[93] Synchrotron X-ray Diffraction studies of Metal Organic Frameworks (MOFs) at high-pressure	SAN JOSÉ MÉNDEZ, Alba
19:35	[58] STRUCTURAL EFFECTS OF THERMAL PROCESSING ON RED SEAWEEDS FOR THE PRODUCTION OF BIO-BASED FOOD PACKAGING MATERIALS	MARTÍNEZ GUIL, Juan Carlos
19:35	[43] Revealing mechanism of the ultrafast growth of superconducting epitaxial thin films by in-situ X-ray synchrotron diffraction: from design/installation to measurements	PACH, Elzbieta AGUILAR LARRUY, Jordi
19:35	[17] A tensile stage for synchrotron-based infrared microspectroscopy at ALBA	KREUZER, Martin
19:35	[53] On the origin of large magnetic anisotropy in $\epsilon\text{-Fe}_2\text{O}_3$	Dr HERRERO MARTIN, Javier
19:35	[6] The CIRCE-PEEM: past, present and future	FOERSTER, Michael Joachim Ulrich
19:35	[20] Current status and upgrades of the MX beamline XALOC	GIL ORTIZ, Fernando
19:35	[28] Water-cooled Double Multilayer Monochromator for the BioSAXS beamline at the Australian Synchrotron	MOWAT, Scott
19:35	[39] Hard X-ray micro-tomography at the Spanish Synchrotron Alba	Dr MITTONE, Alberto
19:35	[33] Discovering Morphology Mapping with 3D printing at the NCD-SWEET Beamline at ALBA	Prof. PASCOAL FARIA, Paula
19:35	[65] Operando XAS Studies on Aqueous Zn-MnO ₂ Batteries	LIU, CHENG
19:35	[72] Determination of chemical profiles of normal and tumoral cell lines treated with DOX-loaded ACP nanoparticles by Synchrotron-based Fourier Transform Infrared Microspectroscopy	DE LAMA ODRÍA, MARÍA DEL CARMEN ELIZABETH
19:35	[62] Tuning the orientation of the magnetic spiral by doping in YBaCuFeO_5 multiferroic	ROMAGUERA, Arnau
19:35	[49] Effects of A-site order on the Mn local structure and polar phases of magnetoelectric $\text{REBaMn}_2\text{O}_6$ (RE: La, Nd, Sm and Y)	Dr SUBIAS-PERUGA, Gloria

19:35	[51] Tuning the hexagonal warping of topological surface states in Rare-Earth surface doped magnetic topological insulators	MUÑIZ CANO, Beatriz
19:35	[42] Iron-Manganese crystalline phases in ancient Lead Glazes	MOLERA, Judit
19:35	[36] Vortex chirality observation in trilayer disks of Fe/Al/Co using X ray resonant magnetic scattering	DIAZ FERNÁNDEZ, Javier Ignacio
19:35	[16] Site-specific X-ray magnetic circular dichroism in high quality Mn ₃ Ge ferrimagnetic epitaxial films	GUILLEMARD, Charles
19:35	[13] STRUCTURAL CHARACTERIZATION OF BIOLOGICAL SELENIUM NANOPARTICLES BY X-RAY ABSORPTION SPECTROSCOPY AND ELECTRON MICROSCOPY	RUIZ-FRESNEDA, Miguel Angel
19:35	[30] Structural characterization of a mitochondrial intermembrane domain	ILLANES VICIOSO, Ramiro
19:35	[34] Novel Biaxial Deformation Stage for Natural Rubber for SAXS/WAXS	Mr SILVA, Daniel
20:15	[37] Analysis of the dysprosium M5 circularly polarized X ray absorption spectrum to detect magnetically uncoupled rare earth atoms to TM in TM-RE amorphous alloys	DIAZ FERNÁNDEZ, Javier Ignacio
20:15	[29] Cubic Rashba effect and 2D-ferromagnetism at the iridium-silicide surfaces of antiferromagnetic GdIr ₂ Si ₂ and mixed-valent EuIr ₂ Si ₂	SCHULZ, Susanne
20:15	[15] ExPaNDS - The benefit of Open Data	ROARTY, Kat
20:15	[11] Distribution of antiferromagnetic domains in Fe-doped NiO thin films on Ru(0001)	MANDZIAK, Anna
20:15	[64] Fast 3D magnetization recovery of 2D magnetic structures	HERGUEDAS ALONSO, Alicia Estela