

2023 African Light Source Conference

Monday 13 November 2023

AfLS Contribution: AfLS Session (15:30-15:45)

-Conveners: Philip Oluseyi Oladijo

time	[id] title	presenter
15:30	[126] Using X-PEEM and XANES to explore barnacle exoskeleton mineralization	METZLER, Rebecca

Tuesday 14 November 2023

AfLS Contribution: AfLS Contribution (15:30-15:45)

-Conveners: Lawrence Norris

time	[id] title	presenter
15:30	[113] The influence of cation disorder on the mineral physics of ankerite: new HP synchrotron X-ray diffraction data	ZUCCHINI, Azzurra

AfLS Contribution: IMA (17:15-18:00)

-Conveners: Michele Zema

time	[id] title	presenter
17:15	[117] Exploration of the deep Earth water cycle: a collaboration of first-principles calculations and synchrotron x-ray diffraction studies	TSUCHIYA, Jun
17:30	[129] Quantifying trace metal stoichiometry of marine microalgae by synchrotron x-ray fluorescence spectroscopy (SXRF)	SOFEN, Laura
17:45	[133] Experiences in several synchrotrons as a user and as staff using infrared spectroscopy and X-ray microscopy	Dr BEDOLLA, Diana E.

Wednesday 15 November 2023

AfLS Contribution (15:30-15:45)

-Conveners: Prosper Ngabonziza

time	[id] title	presenter
15:30	[132] New opportunities on the studies of matter at extreme conditions in the ESRF-EBS	GARBARINO, Gaston

AfLS Contribution: AfLS Contributions (17:45-19:00)

-Conveners: Gihan Kamel

time	[id] title	presenter
17:45	[121] Exploring grain-scale chemistry of African meteorites using Synchrotron X-ray Fluorescence Microprobes	NORTHRUP, Paul
18:00	[136] Instrumentation Neutron Activation Analysis & Proton Induced X-RAY Emission techniques supported with Machine learning analysis for rare earth/macro/micro elements correlation from O. Sativa Rice varieties in Senegal River valley	TRAORE, Alassane
18:15	[125] Synchrotron X-ray studies of superconducting vacancy-ordered monoclinic Titanium monoxide films during synthesis	KUMAH, Divine
18:30	[116] Phytoremediation using mangroves and iron nanomaterials to remove heavy metals	Dr SOTO HIDALGO, Keyla
18:45	[115] Spectroscopy capabilities in the VUV - Soft X-ray region at the Canadian Light Source, the Variable Line Spacing-Plane Grating Monochromator beamline	ZUIN, Lucia

Thursday 16 November 2023

AfLS Contribution (18:15-19:00)

-Conveners: Marielle AGBAHOUNGBATA

time	[id] title	presenter
18:15	[178] Commonwealth Chemistry - The Federation of Commonwealth Chemical Sciences Societies	Prof. MALLON, Peter
18:30	[175] Status of Hefei light source II, a recently constructed IR-FEL, and the new 4th generation diffraction limited storage ring	Prof. LI, Heten
18:45	[174] Finnish Synchrotron Radiation User Organisation (FSRUO)	Prof. HUOTARI, Simo J

Friday 17 November 2023

AfLS Contribution: AfLS Contribution (15:30-15:45)

-Conveners: Marielle AGBAHOUNGBATA

time	[id] title	presenter
15:30	[95] Temperature and Moisture Triggered Crystallization of Triple Cation-Mixed Halide Perovskite Cells to Reduce Phase Segregations	Mr SHATSALA, Elly Miller