



# AFLSC2019

## Tuesday 29 January 2019

### AfLS2: Block 2b (11:00-13:00)

**-Conveners: Kenenth Evans-Lutterodt**

time	[id] title	presenter
11:00	[96] XTech-SD: a unique regional training initiative within the Sèmè City hub in Benin	Dr D'ALMEIDA, Thierry
11:30	[104] Nanostructured Cuprous Oxide Powder via High Energy Milling	Dr DAVID, Dodoo-Arhin
11:45	[172] PZN-4.5PT single crystals and nanoparticles thin Films Characterization using XRD and Synchrotron Light Sources	Prof. KOBOR, Diouma
12:00	[87] Synchrotron science applied to the Earth Sciences	Dr VON DER HEYDEN, Bjorn
12:15	[83] Characterization of HVOF Inconel 625 Coating by X-ray diffraction and Synchrotron XRD	Dr OLADIJO, Philip Oluseyi
12:30	[266] The impact of CryoEM and the centre for cryoEM at Diamond	Prof. FLAIG, Ralf

### AfLS2: AfLS2 : Block 3b (14:00-16:00)

**-Conveners: Philip Oluseyi Oladijo**

time	[id] title	presenter
14:00	[102] Palaeontology: Highlights of X-ray computed tomography at the synchrotrons	Dr JAKATA, Kudakwashe
14:30	[126] Bioscience Highlights from South Africa	Prof. SCHUBERT, Wolf-Dieter
15:00	[71] Science communication: from the CERN example to a wider audience	Prof. CAMPANELLI, mario
15:15	[261] Kinoforms for High Energy Photons	EVANS-LUTTERODT, Kenenth
15:30	[151] Structural changes of swift heavy ion irradiated spark plasma sintered ZrC/SiC solid solution	Dr BIIRA, Saphina
15:45	[257] Thermoresponsive behaviour of (NH <sub>4</sub> ) <sub>0.5</sub> Co <sub>1.25</sub> (H <sub>2</sub> O) <sub>2</sub> [BP <sub>2</sub> O <sub>8</sub> ].(H <sub>2</sub> O) <sub>0.5</sub> with CZP framework topology	Dr MOGODI, Mashikoane

# Wednesday 30 January 2019

## AfLS2: Block 6b (10:30-12:30)

**-Conveners: Lawrence Norris**

time	[id] title	presenter
10:30	[81] IAEA support to utilization of large scale facilities by developing countries.	Dr SWAINSON, Ian
11:00	[108] START - Synchrotron Techniques for African Science and Technology	Dr TUMAINI, Mkwizu
11:15	[306] Irradiation effects of swift heavy ions on palladium films deposited on 6H-SiC substrate	Dr THABETHE, Thabsile
11:30	[247] Laser Sources and their Applications - An Overview	Prof. BUAH-BASSUAH, Paul Kingsley
11:45	[90] Understanding Complex Metal Hydrides via Synchrotron X-ray Studies	Prof. DOBBINS, Tabbetha
12:00	[115] Model membrane systems to elucidate cell-membrane processes: from signalling proteins to extracellular vesicles interaction.	Dr CASALIS, Loredana
12:15	[111] Expression, purification and preliminary crystallization of Schistosomal universal stress G4LZ13 protein towards new schistosomide discovery	Prof. KAPPO, Abidemi Paul

## AfLS2: Block7b (14:00-16:00)

**-Conveners: Tabbetha Dobbins**

time	[id] title	presenter
14:00	[100] Synchrotron x-rays: helping build communities and get drugs to market	Prof. BILLINGE, Simon
14:30	[106] OPEN SESAME: European support to the SESAME Light Source in the Middle East	Dr MITCHELL, Edward
15:00	[110] Suggested steps towards funding an Advanced Light Source Facility on the African Continent	Dr MALAMUD, Ernest Ms DIAZ, Olivia
15:30	[118] BAMline 2.0 – further technical developments for a broader multipurpose hard X-ray beamline @ BESSY II (Berlin, Germany)	Dr YUSENKO, Kirill
15:45	[302] Hard X-ray Spectroscopy and Imaging at the BAMline and $\mu$ Spot beamlines @BESSY II (Berlin, Germany)	Dr GUILHERME, Ana Buzanich

# Thursday 31 January 2019

## AfLS2: Block 10c (10:30-12:30)

time	[id] title	presenter
10:30	[127] The European Synchrotron Radiation Facility - 30 years of Science	Dr SETTE, Francesco
11:00	[136] Science at ALBA : Research highlights, Socio-economic impacts and insights the AfLS	BISCARI, Katerina
11:25	[113] XAFS as a tool to obtain chemical states and local structures	Prof. ABE, Hitoshi
11:50	[139] Science at SESAME : Research highlights, Socio-economic impacts and insights for the AfLS	Dr PAOLUCCI, Giorgio
12:15	[283] SYNCHROTRON RADIATION STUDIES of STRUCTURE and REACTIVITY in CATALYTIC and ENERGY MATERIALS	Prof. RICHARD, Catlow