

AFLSC2019

Tuesday 29 January 2019

AfLS2 Poster Session: Block 4b - Ernest Aryeetery Hall (16:30-18:00)

| time | [id] title | presenter |
|-------|---|-----------------------------|
| 16:30 | [88] Influence of temporal pulse manipulation on quality of nonlinear imaging | Mr DWAPANYIN, George Okyere |
| 16:35 | [79] A Widely Tunable 10- μ m QCL Locked to a Metrological Mid-IR Reference for Precision Molecular Spectroscopy | Dr SOW, Papa Lat Tabara |
| 16:40 | [98] Development of a pelvic prosthesis phantom using 3D printing technology for the radiotherapy dosimetry of cancer patients with hip Ti prostheses | Dr ADE, Nicholas |
| 16:45 | [82] In Situ Characterization Tools for Quantum Materials | Dr NGABONZIZA, Prosper |
| 16:50 | [103] Magnetic properties of the layered structure Pr ₃ Os ₄ Al ₁₂ compound | Mr OGUNBUNMI, Michael |
| 17:00 | [97] Luminescent materials for enhanced silicon solar cell performance | Dr YAGOUB, Mubarak |
| 17:15 | [85] Induced defect levels of P and Al vacancy-complexes in 4H-SiC: A hybrid functional study | Dr IGUMBOR, Emmanuel |
| 17:25 | [91] The Study of the Residual stresses and Wear performance of WC-Co thin film deposition by Magnetron Sputtering | Mr COLLIEUS, L.L. |
| 17:30 | [93] Influence of hydrogenation on residual stresses in oxygen-implanted Ti-6Al-4V alloy | Dr NSENGIYUMVA, Schadrack |
| 17:35 | [101] Impact and solutions for electrical pollution and harmonics in Linac Accelerators used as injector in Synchrotrons | Mr TRABELSI, Mohamed Hedi |
| 17:40 | [116] Optical properties of PZN-4.5PT thin film deposited on silicon nanowires for photovoltaic application | Mr NDIOUKANE, Rémi |
| 17:45 | [305] The Lyncean Compact Light Source, A Multi-Discipline Source for the Modern X-ray Facility | Dr KASAHARA, Jack |