

SAIP2014

Tuesday 08 July 2014

DPCMM2 - D Les 202 (10:00-10:40)

-Conveners: Tshakane Tshepe

time	[id] title	presenter
10:00	[59] Study of the radiation damage induced by fast neutron and deuterium ions in graphite and zircaloy-4	Mr MAHAFA, Tshepo
10:20	[91] Structural,Electrical and Electronic Properties of Diamond Like Carbon (DLC) and Cabon-Based Materials	Mr MBIOMBI, Wilfred

DPCMM2 - D Les 202 (11:10-12:10)

-Conveners: ABDUSSALAM BALARABE SULEIMAN

time	[id] title	presenter
11:10	[82] Synthesis and characterization of mixed-valence LuFe ₂ O _{4-δ} : Effect of stoichiometry δ ;	Mr PECK, Adli
11:30	[110] Computational Study on Advanced Lithium – Sulphur Battery	Mr MASEDI, Clifton
11:50	[151] Molecular dynamics simulation of TiO ₂ nanoparticles using DFTB+ code	Mr GANDAMIPFA, Mulatedzi

DPCMM2 - D Les 202 (14:00-15:40)

-Conveners: Bhekumusa Mathe

time	[id] title	presenter
14:00	[96] A study of crack formation and its effective internal surface area using Micro-Focus X-ray Tomography (μ X-CT) and Fractal Geometry.	Ms SEAKAMELA, Teffo
14:20	[192] Phase evolution of vanadium oxides obtained through temperature programmed annealing of ammonium vanadate in hydrogen atmosphere	Mr AKANDE, Amos
14:40	[255] Effect of xenon (Xe) 167 MeV Irradiation on Un-implanted 6H-SiC and Poly-SiC implanted with iodine (I), krypton (Kr) and xenon (Xe) at room temperature	Mr MABENA, Chemist
15:00	[75] Ion beam effects in thin metallic films due to Elastic Recoil Detection Analysis using 26 MeV Cu ⁷⁺ ions.	Mr MAVHUNGU, Humbulani