

SA-ESRF-2019

Wednesday 13 November 2019

Parallel-Chemistry and Materials - Titanium Room (09:00-10:30)

-Conveners: Mashikoane Mogodi

time	[id] title	presenter
09:00	[29] Materials preparation for the future hydrogen economy: PEC water splitting	Dr DIALE, Mmantsae
09:25	[99] The effect of Cs content on the structural and photo physical properties in mixed cation hybrid-perovskites	SHNIER, Adam
09:45	[15] Superionic conductors for solid oxide fuel cells: structure-bulk property relationships in Bi ₂ O ₃ based solid solutions	Mr MASINA, Sikhumbuzo
10:05	[19] Relevance of Synchrotron Radiation in Inorganic Medicinal Chemistry	Dr ODULARU, Ayodele Temidayo

Parallel-Chemistry and Materials - Silver Room (09:00-10:30)

-Conveners: Bjorn von der Heyden

time	[id] title	presenter
09:00	[26] Synchrotron light and ore geology research	Mr VON DER HEYDEN, Bjorn
09:30	[27] Magnetic-electronic studies at a megabar: the new frontier	Prof. HEARNE, Giovanni
10:00	[102] Research Activities: Advanced Manufacturing Technologies	MADA, Fred

Parallel-Chemistry and Materials - Silver Room (11:00-12:40)

-Conveners: Tshepo Ntsoane

time	[id] title	presenter
11:00	[84] Innovations in Energy Materials - Marcus Newton	Dr NEWTON, Marcus
11:25	[8] X-ray and Neutron Radiography/Tomography at Necsa: A success story	Dr DE BEER, Frikkie
11:50	[1] HARPIA: High Resolution Powder X-ray Diffraction beamline at Sirius	Dr BARRETT, Dean
12:15	[6] Complimentary diffraction techniques at Necsa	Dr MARAIS, Deon

Parallel-Chemistry and Materials - Titanium Room (11:00-12:40)

-Conveners: Delia Haynes

time	[id] title	presenter
11:00	[80] Thin films of VC/SiC - Kuda. Jakata	Dr JAKATA, Kudakwashe
11:25	[103] The Search for an Improved SOFC Electrolyte Material: Stabilizing the Fm ₃ m Phase of Bismuth Oxide to Lower Temperatures	MATTIAS, Kiefer
11:50	[33] Dithiadiazolyl radicals as building blocks for functional materials	Prof. HAYNES, Delia
12:15	[4] Micro-Raman and X-ray Diffraction stress analysis of residual stresses in fatigue loaded leached Polycrystalline Diamond	Mr VHARETA, Maxwell