

SA-SENS2022

Thursday 03 November 2022

Invited talks (11:00-12:35)

-Conveners: Tshepo Ntsoane

time	[id] title	presenter
11:00	[8] Neutron techniques and applications: Neutrons - a unique analytical probe for science and innovation	Dr JOHNSON, Mark
11:55	[9] Catalyses: The application of neutron scattering techniques in heterogeneous catalysis research	Prof. LENNON, David

Invited talks (13:50-15:15)

-Conveners: Robert Nshimirimana

time	[id] title	presenter
13:50	[10] Lifesciences: Neutron scattering in life science: capabilities & sample requirements	Dr FISHER, Zoë
14:35	[11] Energy storage: Neutrons to understand improvement in battery performance upon anode modification	Dr PAUL, Neelima

Invited talks (15:35-17:00)

-Conveners: Zeldah Sentsho

time	[id] title	presenter
15:35	[12] Magnetism: Magnetic order and disorder probed by neutron scattering	Dr BOEHM, Martin Dr SAERBECK, Thomas
16:20	[21] Magnetism & NI: Neutron imaging on magnetic materials	Dr KARDJILOV, Nikolay
16:50	[22] Summary and announcements	Prof. VENTER, Andrew

Friday 04 November 2022

Invited talks (09:00-10:35)

-Conveners: Tjatji Tjebane

time	[id] title	presenter
09:00	[15] Agriculture: Water quantification measurement of therapeutic roots in soil for analyzing hydrology using neutron imaging under smart agriculture - Review and Perspective of neutron imaging for Agriculture	Dr SIM, Cheul Muu
09:45	[16] Engineering: Neutrons, the perfect tool to study materials in engineering applications	Dr GILLES, Ralph

Invited talks (10:55-13:05)

-Conveners: Lunga Bam

time	[id] title	presenter
10:55	[25] Geosciences	Dr WALTER, Jens
11:40	[17] Inorganic Chemistry: POROUS (GUEST@HOST) SYSTEMS: « sorption » vs « confinement » points of view	Dr PORCHER, Florence
12:25	[18] Paleo & Cultural Heritage: Neutron imaging in paleontology and technical applications	Dr SCHILLINGER, Burkhard