

Advanced Nuclear Science and Technology Techniques (ANSTT2) Workshop

Monday 18 March 2019

Metrology & Applications - Auditorium (09:30-11:00)

-Conveners: Pete Jones

time	[id] title	presenter
09:30	[31] The Ionising Radiation related activities at NMISA	Ms MSIMANG, Zakithi
10:00	[3] Primary Activity Standards and Nuclear Data for Targeted Alpha Therapy	KEIGHTLEY, John
10:30	[13] Commissioning the DT neutron facility at the University of Cape Town	HUTTON, Tanya

Metrology & Applications - Auditorium (11:30-13:00)

-Conveners: Alison Bruce

time	[id] title	presenter
12:00	[7] Producing a standard thoron source.	LINDSAY, Robbie
12:30	[14] Positron Emission Particle Tracking: towards Principled Education, Physics and Technology	LEADBEATER, Thomas

Metrology & Applications - Auditorium (14:00-15:30)

-Conveners: Tanya Hutton

time	[id] title	presenter
14:00	[15] Measure it! Nuclear science and the science of measurement	BUFFLER, Andy
14:30	[43] Excited State Lifetime Nuclear Metrology: Precision Half-life Measurements in ^{164}Dy and ^{166}Dy and Reaction Channel Selection Techniques using the NuBALL Spectrometer	REGAN, Patrick
15:00	[9] A study to investigate the use of natural radionuclides as radiotracers in sedimentation processes	BEZUIDENHOUT, Jacques

Tuesday 19 March 2019

Metrology & Applications - Auditorium (14:00-15:30)

-Conveners: Milton van Rooy

time	[id] title	presenter
14:00	[28] Prompt Gamma Imaging: Verifying Proton Therapy Treatment Dose	PETERSON, Steve
14:30	[23] Monitoring of targets for radionuclide production	PAPKA, Paul
15:00	[18] Pathways of radiotracer development for PEPT	Mr VAN HEERDEN, Michael
15:15	[21] Sub-Millimetre Particle Tracking Using PEPT with the PolarisJ Semiconductor Array	HYSLOP, Nicholas