



# Advanced Nuclear Science and Technology Techniques (ANSTT2) Workshop

## Tuesday 19 March 2019

### Environmental Measurements - Auditorium (09:00-11:00)

**-Conveners: Robbie Lindsay**

time	[id] title	presenter
09:00	[30] Environmental Radioactivity Laboratory of iThemba LABS	Dr MALEKA, Peane
09:30	[46] Characterisation, Performance Assessment and Improvement of a Small Anode Germanium (SAGe) Well Detector for Environmental Applications.	BOSTON, Helen
10:00	[5] Measurement of activity concentration of $^{238}\text{U}$ and $^{232}\text{Th}$ series radionuclides in beach sand with a multidetector (LaBr <sub>3</sub> :Ce) gamma-ray spectrometer	Ms BASHIR, M.
10:15	[8] Natural Radioactivity in soils of Ijero, Nigeria: measurements and risk assessment	Ms BAILEY, Tarryn

### Environmental Measurements - Auditorium (11:20-12:50)

**-Conveners: Daniel BONGUE**

time	[id] title	presenter
11:20	[42] Overview of environmental radioactivity studies in South Africa and neighboring countries	TSHIVHASE, Makondelele Victor
11:50	[35] Design of a national indoor radon survey for South African Homes: review of existing indoor radon concentration data and associated measurement techniques	MAHESO, Abbey Matimba
12:05	[19] Assessment of radium and radon activity concentrations in water sources near selected former uranium mines in the West-Rand area of Johannesburg.	Ms TSEWU, Ayabulela
12:20	[10] Measuring Radon emanation from soil in South Africa to inform a survey of radon in houses.	Ms PHEFO, Lebogang
12:35	[41] Improvement of Methods for Establishing Baseline Data for Uranium Mines in Tanzania	Ms LOLILA, Farida