



Contribution ID: 235

Type: **Presentation**

## **Radiometric analyses of iThemba LABS dam water samples by gamma-ray spectrometry**

The iThemba LABS dam water samples were radiometrically analysed using the low-background high-resolution gamma-ray spectrometry for traces of anthropogenic radionuclides. The samples were prepared in a 1-l Marinelli beaker geometry. Traces of anthropogenic radionuclides have been recorded in samples with activity concentrations ranging from 0.3 to 40 Bq/l.

**Primary author:** Dr MALEKA, Peane Peter (iThemba LABS and University of the Western Cape)

**Co-authors:** Mr HLATSHWAYO, Israel N. (iThemba LABS); Dr NEWMAN, Richard T. (iThemba LABS)

**Presenter:** Dr MALEKA, Peane Peter (iThemba LABS and University of the Western Cape)

**Track Classification:** Track B - Nuclear, Particle and Radiation Physics