

## Measure it! Nuclear science and the science of measurement

*Monday, 18 March 2019 14:00 (30 minutes)*

I will explore the growing relationship between measurement in nuclear science and the science of measurement. In recent times metrology is relying more on fundamental science and in November 2018 the SI units were redefined with direct traceability to the fundamental constants of nature. I will illustrate how metrology is playing a more central role in nuclear physics, including at iThemba LABS, and discuss the research domains of the Metrological and Applied Sciences Research Unit (MeASURE) within the Department of Physics at UCT.

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