



INVITATION



PUBLIC LECTURE ON NUCLEAR SAFETY

*(hosted by the **Department of Physics** and the **Department of Electrical Engineering** at UCT)*

Dr Mzubanzi Bismark Tyobeka

CEO of the National Nuclear Regulator of South Africa

“Nuclear Safety Regulation in South Africa”

South Africa has a long history in using nuclear energy and nuclear technology for peaceful purposes. Whilst nuclear has tremendous benefits for human health, economic development and general advancement of the country, it also comes with risks. There are international measures that have been brought into being to counterbalance such risks. International Nuclear Safety Standards recognizes that an independent nuclear Regulator is a necessary precondition for any country considering the use of nuclear energy and related technologies. These standards are one such instruments to mitigate risks associated with the use of radiation and nuclear technology. This public lecture will cover South Africa's journey and role nationally and internationally towards a safe and secure use of nuclear energy and radiation technologies, through a credible and independent National Nuclear Regulator, the NNR.

Wednesday 14 August 2019, 17h30 for 18h00 *
RW James LT4A, RW James Building, Upper Campus, UCT

Dr Tyobeka was appointed as CEO of the National Nuclear Regulator (NNR) in September 2013. He started his nuclear career 19 years ago as a reactor Physicist at Eskom Enterprises, before moving on to the roles of Senior Physicist at Eskom Enterprises and Chief Nuclear Engineering Analyst at the PBMR Pty Ltd. He joined the International Atomic Energy Agency in Vienna, Austria in 2008 as Nuclear Engineer and Unit Head: Gas-Cooled Reactors. Dr Tyobeka holds a Masters and PhD in Nuclear Engineering from the Pennsylvania State University (USA), a Masters degree in Management from the Colorado Technical University (USA), a Master's degree (Applied Radiation Science and Technology) and a BSc {Ed} Physics and Chemistry from the North-West University

** Light snacks and drinks will be served from 17h30 in the foyer of the venue.
RSVP by 10 August to Jill.Patel@uct.ac.za*