

MSc and PhD positions in Experimental Quantum Information in South Africa (QICSA-NICIS e-Research)

Positions: 1 PhD (3 years) and 1 MSc (1 year)

Application deadline: 14 February 2020

Research group: Quantum Research Group, School of Chemistry and Physics, University of KwaZulu-Natal (UKZN), Durban, South Africa (<https://quantum.ukzn.ac.za/>)

Keywords: Quantum communication, quantum optics

The quantum research group at the University of KwaZulu-Natal has two fully NICIS funded MSc/PhD positions available. QICSA (Quantum Information and Computing in South Africa) aims at advancing South Africa's cyberinfrastructure to drive state-of-the-art research, technology and expertise in different areas quantum information and computing science. The suitable candidates will work on the development and assembly of quantum optical systems geared towards applications within the field of quantum information science with a preference in quantum communication.

We are looking for enthusiastic candidates with previous experience in quantum physics as well as optical design and assembly.

For further information please visit the Group's website or contact me directly. Applicants are kindly requested to submit a CV and the contact details of a reference under the subject line MSc or PhD position in Quantum Information and Computing in South Africa (NICIS Research).

Contact details:

Prof. F. Petruccione (petruccione@ukzn.ac.za)