

National Institute for Theoretical and Computational Sciences

University of KwaZulu Natal Node

Postdoctoral Fellow (One-year Contract)

The University of KwaZulu-Natal node of the South African National Institute for Theoretical and Computational Sciences (NITheCS) has a postdoctoral vacancy in the fields of Quantum Information Processing and Communication. Specifically, we are looking for candidates with experience in the application of quantum computing algorithms to the simulation of chemical reactions.

The appointment will be made within the structure of the University of KwaZulu-Natal.

Duties: Maintaining a vigorous research programme.

Requirements: A doctorate of high standing in the relevant fields • a developing research record and demonstrated research potential. PhD must have been obtained within the past five years

Commencement of duties: 1 August 2021 or as soon as possible thereafter.

Closing date: 27 July 2021

Value of fellowship: The value of the fellowship will be commensurate with experience and research profile.

Enquiries: Prof Francesco Petruccione at petruccione@ukzn.ac.za

Applications: Applications must include a complete CV, publication list, description of present and future research interests and copies of relevant qualifications. Applications to be e-mailed together with names and addresses/e-mail details of 2 referees to: Ms Nelisiwe Mncube at mncubene@ukzn.ac.za

Webpage: <http://www.nithecs.ac.za>

NITheP reserves the right not to make an appointment and continue searching after the closing date and only short-listed candidates will be contacted.