

Postgraduate Research Opportunities in Quantum
Communications
University of Pretoria

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Posted Sep. 17, 2025, set to expire Oct. 30, 2025

Job Title	Postgraduate Research Opportunities in Quantum Communications
Department	Electrical, Electronic and Computer Engineering
Institution	University of Pretoria Pretoria, Gauteng, South Africa
Date Posted	Sep. 17, 2025
Application Deadline	Oct. 30, 2025
Position Start Date	Jan. 1, 2026
Job Categories	Graduate Student
Academic Field(s)	Electrical and/or Electronics Computer Engineering
Apply By Email	mduduzi.hlophe@tuks.co.za
Job Description	

The Broadband Wireless and Multimedia Communication (BWMC) research group in the Department of Electrical, Electronic and Computer Engineering at the University of Pretoria is looking for enthusiastic MEng/PhD in Engineering candidates to conduct research in Quantum Communications (Information, Coding and Computing Engineering Sciences).

Through Quantum Communications, the BWMC research group aims at advancing state-of-the-art research in technology and next generation communications.

Applicants are kindly requested to submit a CV (include academic record, copy of thesis or dissertation with contact details of contactable references) and a 1 A4 page statement of purpose under the subject line MEng or PhD position in Quantum Communications.

Successful candidates will be fully funded for the duration of their studies which include tuition,

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laboratory costs, accommodation, and living costs.

Required experience: Previous experience in either Quantum Physics or Wireless Communications.

Application deadline: 30 October 2025

Enquiry: Professor Sunil Maharaj (sunil.maharaj@up.ac.za)

Applications to be submitted to: Dr. Mduduzi Hlophe, University of Pretoria

e-mail: mduduzi.hlophe@tuks.co.za

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact Prof. Sunil Maharaj
Electrical, Electronic and Computer Engineering
University of Pretoria
Pretoria, Gauteng
South Africa

Phone Number +27 83 276 4687

Contact E-mail sunil.maharaj@up.ac.za