



Quantum 101

A quantum science workshop covering foundations of quantum mechanics to experimental quantum physics and **building your own mini quantum computer!**

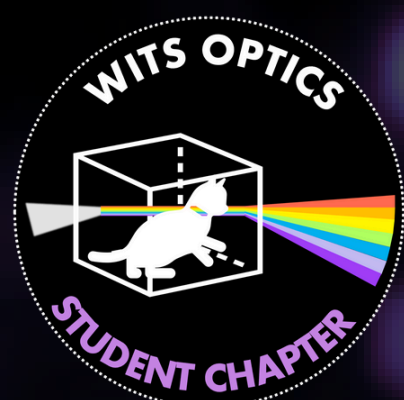
8 – 12 September 2025
9 am to 5pm

CM4, Chamber of Mines Building
University of the Witwatersrand

Talks	8 SEPT	FOUNDATIONS OF QUANTUM MECHANICS	Explore the mind-bending foundations of quantum mechanics with top theorists Speakers: Prof Goldstein, Dr. Kolbe, Dr. Joseph, Dr. van Leuven
	9 SEPT	MODERN DAY QUANTUM EXPERIMENTS	See how today's experimental physicists are shaping the future of quantum technology Speakers: Prof Forbes, Dr Nape, Dr Ismail, Dr Pandey
Hands-on workshop	10 SEPT	QUANTUM COMPUTING BASICS	Introducing the fundamentals of quantum computing and coding in Qiskit
	11 SEPT	MICROCONTROLLER BASICS	Learn to program and control microcontroller devices for quantum applications
	12 SEPT	BUILD A MINI QUANTUM COMPUTER	Combine your Qiskit programs with microcontroller hardware to run simulations and create your own quantum computer

**Due to limited space,
kindly register by 1 September**

[**REGISTER HERE**](#)



INTERNATIONAL YEAR OF
Quantum Science
and Technology



South African
Quantum
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