Spring School on Theoretical and Computational Foundations of Quantum Technologies
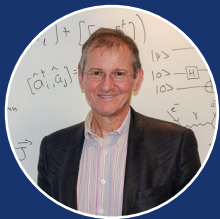## 24-28 October 2023
Alpine Heath Resort, Northern Drakensberg

AIM OF THE SCHOOL

We provide an introduction to Quantum Computing, Machine Learning for Quantum Physics, Quantum Communication and Quantum Machine Learning. Tutorials will follow lectures to put theoretical material into practice.

Speakers and Tutors

Francesco Petruccione

Yaseera Ismail

Ilya Sinayskiy

Shivani Pillay

Ian Joel David

Matt Lourens

The School is aimed at postgraduate students in physics, mathematics, applied mathematics and computer science who are interested in both the theoretical and computational aspects of quantum technologies.

Apply for a scholarship to attend the School by **29 September 2023**. The deadline for self-sponsored applicants is **6 October 2023**.

For links to the application and registration as well as more information visit **https://quantum.ukzn.ac.za/event/qt2023/**

UNIVERSITY OF KWAZULU-NATAL
INYUVESI YAKWAZULU-NATALI

Quantum Research Group

Stellenbosch UNIVERSITY IYUNIVESITHI UNIVERSITEIT

NITheCS
National Institute for Theoretical and Computational Sciences

nicis
NATIONAL INTEGRATED CYBERINFRASTRUCTURE SYSTEM

SA QuTI
South African Quantum Technology Initiative