



Undergraduate School
on **Experimental Quantum**
Information Processing



EXPLORE QUANTUM INFORMATION SCIENCE



Gain hands-on experience at a world-class quantum research institute

UNDERGRADUATE SCHOOL ON EXPERIMENTAL QUANTUM INFORMATION PROCESSING

MAY 31 to JUNE 11, 2027

- Two weeks of in-depth lectures and lab activities at the Institute for Quantum Computing (IQC)
- Paid summer research opportunities available through Undergraduate Research Awards
- Open to undergraduates worldwide in physics, math, chemistry, engineering, and computer science
- Held annually at the University of Waterloo since 2009 with over 380 program alumni
- Opportunities spanning theory and experiment
- No cost to students and travel bursaries available

TOPICS INCLUDE

- Quantum algorithms
- Entanglement
- Photonic qubits
- Quantum error correction
- Quantum cryptography
- Trapped-ion systems
- Superconducting circuits
- Nuclear magnetic resonance

APPLICATION DEADLINE: JANUARY 3, 2027

For questions or inquiries, email iqc-useq@uwaterloo.ca



uwaterloo.ca/iqc/useqip



Transformative
Quantum
Technologies

