

# WATERLOO'S QUANTUM VALLEY



**Quantum Valley  
INVESTMENTS**

## Quantum Valley Investments

A quantum technology investment fund established in 2013 by Mike Lazaridis and Doug Fregin with a commitment of \$100 million in investment capital. QVI has developed as a quantum technology commercialization incubator with the necessary components to enable and accelerate the commercialization of new transformative quantum technologies in the Quantum Valley.



## RAC Complex

A community of academic, not-for-profit, commercial and startup researchers with access to laboratories and tools for developing and testing quantum devices. A collaborative experiment to speed the development and adoption of quantum technologies. RAC2 is home to QVI Commercialization Labs including the Quiet Labs and will be the home of the Magnetic Field Lab once completed.



## Quantum Valley Ideas Lab

A dedicated application focused research lab that will help address the gap between foundational research done in academic research labs and commercialization. The Ideas Lab will connect with industries to identify strategic opportunities for new quantum technologies with practical applications based on existing foundational physics principles.



**IQC** Institute for  
Quantum  
Computing

## Institute for Quantum Computing at the University of Waterloo

An internationally recognized scientific research institute at the University of Waterloo pushing the frontier of quantum information theory, practice and applications. Scientific research focuses on harnessing the quantum laws of nature to develop powerful new technologies that will transform information technology and drive the 21st century economy. Home of a collaborative training program for areas of computer science, engineering, mathematics and physical science.



**QNF** Institute for  
Quantum  
Computing

## Quantum NanoFab

A fabrication facility of shared tools and expertise for quantum device fabrication. For example, it is used for fabricating superconducting qubits and electronics, for deposition of thin film devices including spintronics, for patterning of semiconductor devices including quantum dot qubits. The facility is open to academic and industrial users across Canada.



**LAZARIDIS  
INSTITUTE**  
for the Management of Technology Enterprises

## Lazaridis Institute for the Management of Technology Enterprises

An institute for developing training and research programs, which will produce exceptional tech-savvy business managers and leaders that Canadian technology companies need to grow and scale globally.



**PERIMETER  
PI** INSTITUTE FOR THEORETICAL PHYSICS

## The Perimeter Institute for Theoretical Physics

A leading centre for scientific research, training and educational outreach in foundational theoretical physics. Founded in 1999 in Waterloo, Ontario, Canada, its mission is to advance our understanding of the universe at the most fundamental level, stimulating the breakthroughs that could transform our future. Perimeter also trains the next generation of physicists through innovative programs, and shares the excitement and wonder of science with students, teachers and the general public.