

Institute



Finland's National Quantum Institute

Innovation | Research | Education

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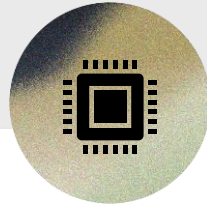


Quantum Technologies



Computing

- Simulation of material properties and interactions
- Modeling complex systems
- Operational optimization



Sensing

- Sensing in micro and macro scale
- Quantum metrology
- Position, Navigation, Timing



Communications

- Advanced secure communication
- Post-quantum cryptography
- Quantum Key Distribution

Future Quantum ready society

- Quantum is expected to influence multiple facets of the society

