

Introduction to Quantum Computing and Quantum Algorithms

Wednesday 7 May 2025 10:30 (1 hour)

This lecture introduces quantum computing, focusing on the fundamental principles that differentiate it from classical computing. Key topics include the basic concepts of quantum mechanics underlying quantum computation and the structure of quantum algorithms. Participants will gain insight into the potential of quantum computing for solving complex computational problems and its significance for future technologies. By the end of the lecture, attendees will have a foundational understanding of this emerging field and its possible impact.

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