

Quantum Technologies Overview Course

12.05.2023

Time	Topic
9:00 am – 9:45 am	Welcome & Introduction
9:45 am – 10:30 am	Basics: What is Quantum?
Coffee Break - Networking - Quantum Experiments	
11:00 am – 12:15 pm	Quantum Computing and Simulation: the Potential, Reality and Future Prospects of Quantum Computing
12:15 pm – 1:00 pm	Choose your Topic: <ul style="list-style-type: none"> • Run a Quantum Program • Hardware • Shor algorithm
Lunch break - Networking - Quantum Experiments	
2:15 pm – 3:15 pm	Lab Tour
Coffee Break - Networking - Quantum Experiments	
3:30 pm – 4:10 pm	Quantum Communication: How will Cryptography Change in the Future?
4:10 pm – 4:45 pm	Quantum Sensing: a Quantum Technology Already Utilized
Coffee Break - Networking - Quantum Experiments	
5:15 pm – 6:00 pm	Choose your Topic: <ul style="list-style-type: none"> • Quantum Experiments • Quantum Computing Use Case • Quantum Simulation