

School on Quantum Optical Technologies: Quantum Communication and Quantum Sensors

July 25 - 26 2023, Gebze, TÜRKİYE

Program

July 25, Tuesday

09:00 – 09:50	Breakfast	Breakfast
10:00 – 10:10	Alikram Nuhbalaoğlu	Opening Speech
10:10 – 11:00	Alexander Sergienko	Quantum Entanglement as a Central Element of Quantum Physics
11:10 – 12:00	Alexander Sergienko	Quantum Optics and Modern Approaches to Engineering Photonics Entangled States Mutation
12:00 – 14:00	Lunch	Lunch
14:00 – 15:00	Alexander Sergienko	Public Lecture: Could Quantum Mechanics Make Technology and Our Life Better?

July 26, Wednesday

09:00 – 09:50	Breakfast	Breakfast
10:00 – 10:50	Alexander Sergienko	Quantum Communication with Single-Photon and Entangled-Photon States
11:10 – 12:00	Alexander Sergienko	Precise Quantum Measurement (Quantum Metrology) and High-Resolution Optical Sensors
12:00 – 14:00	Lunch	Lunch