

**Session Program**

**3-5 Dec 2024**

**DLR visit in Prague**

***CTU contributions***

Břehová 87, B111

## Wednesday 4 December

13:30

### **CTU contributions: Classical simulations of phase-noisy Gaussian Boson Sampling via tensor networks (Parýzková)**

Session | Location: Břehová 87, B111

14:10

14:10

### **CTU contributions: Quantum computing methods for malware detection (Krátká)**

Session | Location: Břehová 87, B111

14:50

15:30

### **CTU contributions: Simulation of Molecules Using the Variational Quantum Eigensolver (Rajeswari)**

Session | Location: Břehová 87, B111

16:10

16:10

### **CTU contributions: Predicting the onset of quantum synchronization using machine learning (Yalcinkaya)**

Session | Location: Břehová 87, B111

17:00

17:00

### **CTU contributions: Identifying topological properties of quantum walks using quantum classification algorithms (Hudeček)**

Session | Location: Břehová 87, B111

17:30

17:30

### **CTU contributions: Quantum-assisted two-photon interferometry for astronomical applications (Nomerotski)**

Session | Location: Břehová 87, B111

17:45