

Session Program

17 October 2023

Workshop on Methods and Applications of Quantum Computing with Light and Qubits

Morning session

Břehová 7 -- Faculty of Nuclear Sciences and Physical Engineering, B-111

Tuesday 17 October

09:00

Morning session: Presentations and discussions

Session | **Location:** Břehová 7 -- Faculty of Nuclear Sciences and Physical Engineering, B-111 | **Convener:** Aurél Gábris

09:00–09:20 **Two-particle Hadamard quantum walk on dynamically percolated line**

Speaker

Magdalena Parýzková

09:20–10:05 **Gaussian Boson Sampling**

Speaker

Craig Hamilton

10:05–10:25 **What we do in the shadows (in Olomouc)**

Speaker

Jan Provazník

10:25–10:40 **Coffee break**

10:40–11:25 **Single-qubit gate teleportation provides a quantum advantage**

Speaker

Libor Caha

11:25–12:10 **Iterated non-linear maps of qubit states**

Speaker

Igor Jex

12:10