

## **Session Program**

**17 October 2023**

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

## ***Afternoon session***

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

# Tuesday 17 October

14:00

## Afternoon session: Presentations and discussions

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

14:00–14:45 **Report from NTU hackathon: lessons and experiences**

**Speakers**

Antonín Kříž, Aurél Gábris, Eliška Krátká, Jakub Kučera

14:45–15:30 **SQUANDER: a classical framework to train quantum circuits**

**Speaker**

Péter Rakyta

15:30–15:45 **Coffee break**

15:45–16:15 **The simples quantum codes**

**Speaker**

Áron Rozgonyi

16:15–17:00

**Nonlinear squeezing as a non-Gaussian resource for quantum technologies**

**Speaker**

Petr Marek

17:30