

## **Session Program**

28-29 May 2026

# **GPU Day 2026**

## ***Session V***

HUN-REN Centre  
1054 Budapest Alkotmány utca 29.

# Friday 29 May

08:55

## Session V

Session | Location: HUN-REN Centre, 1054 Budapest Alkotmány utca 29.

09:00–09:20

### Fermionic Born Machines: Classical training of quantum generative models based on Fermion Sampling

Speaker

Bence Bakó

09:20–09:40

### Generative modeling with Gaussian Boson Sampling: classically trainable Bosonic Born Machines

Speaker

Zoltán Kolarovszki

09:40–10:00

### Search-Driven Quantum Circuit Decomposition

Speaker

Gregory Morse

10:00–10:20

### Toward Autonomous Scientific Instrumentation: Real-Time AI Denoising and Control on FPGA–Groq Platforms

Speaker

Peter Rakyta

10:20