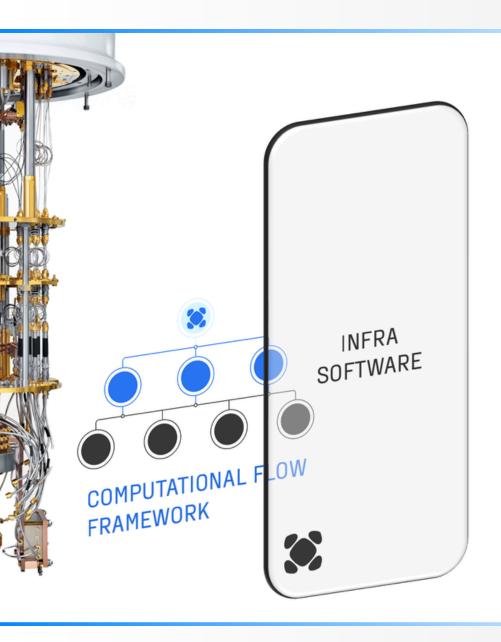
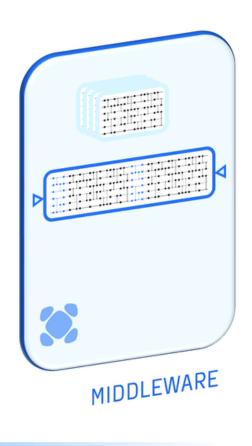
Vladyslav Los Research Scientist



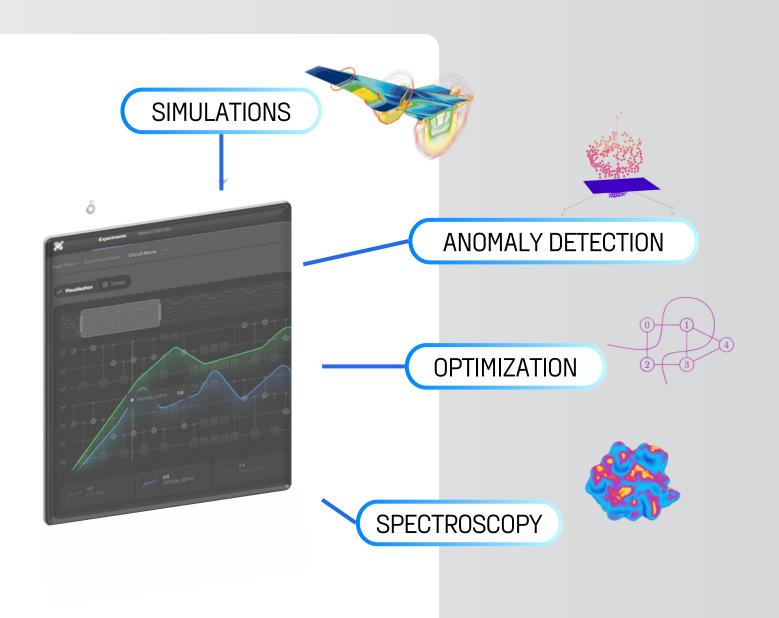
Yuriy Pryyma Engineering Lead











Platform-agnostic

IBM Quantum

QIONQ AWS

IQM rigetti

Unmatched performance boost

100x More Operations

1000X Lower Cloud Consumption 50X Fewer QPU Runs World-record applications components



#### Data Loading

**QML READY** 

Largest scale quantum data loading.

• Up to ~7M features on 156 qubits (IBM Heron QPU).

## Optimisation

**QML READY** 

Leading optimisation of application circuits.

- Up to 100x circuit operations reduction.
- Runs in minutes vs hours at 100+ qubits.

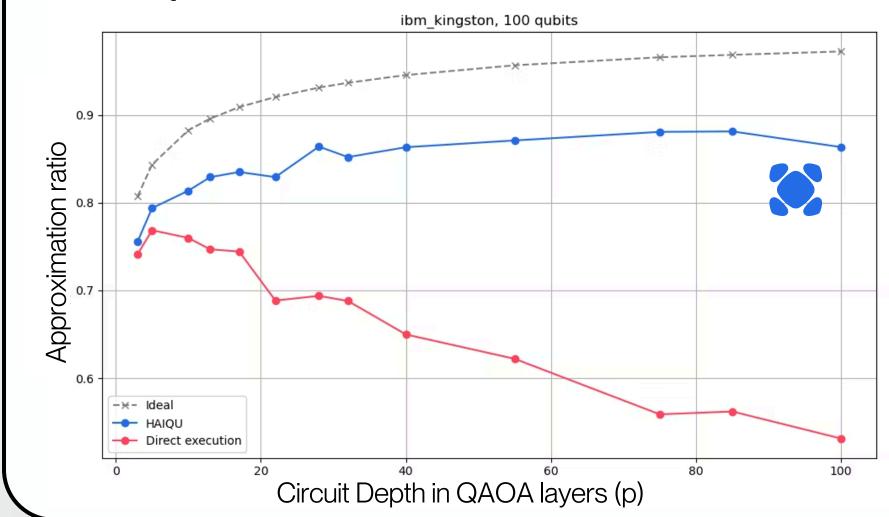
### Mitigation

**QML READY** 

The most lightweight error shielding stack for time and resource-sensitive applications.

- 50x saving on IBM's utility experiment (127 qubit Ising model).
- Run 1000s of gates on 100s of qubits.

#### LR-QAOA PERFORMANCE VS DEPTH



# READY TO BREAK PERFORMANCE BARRIERS?

SIGN UP FOR EARLY ACCESS!

