

Variational Quantum Eigensolver

Quantum expectation estimation

QPU

CPU

STATE PREPARATION

AVERAGING

AVERAGING

AVERAGING

AVERAGING

AVERAGING

$$\langle P_N^1 \rangle$$

$$\langle P_N^2 \rangle$$

$$\langle P_N^3 \rangle$$

$$\langle P_N^4 \rangle$$

$$\langle P_N^p \rangle$$

EXPECTATION ADDER

$$\langle P_N \rangle$$

OPTIM. DECIDER

Adjusted parameters

