



EVIDEN

Qaptiva HPC

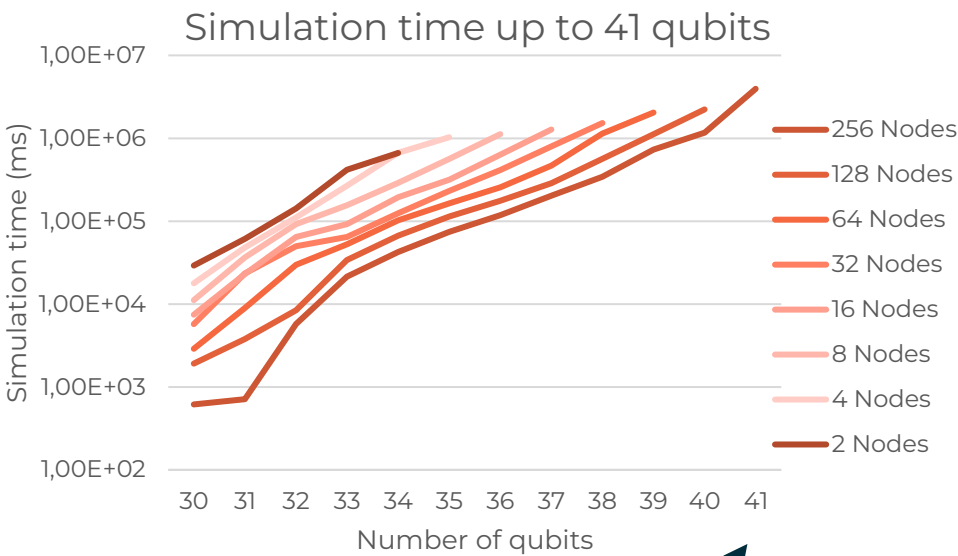
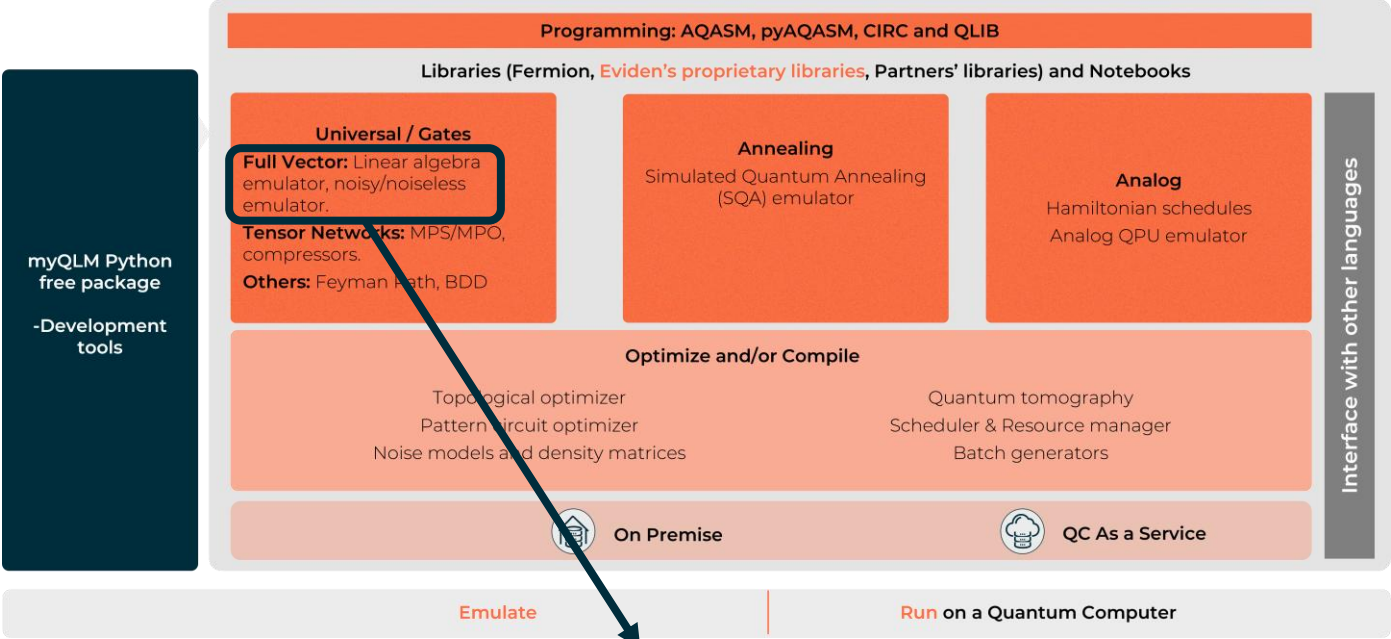
Turning your HPC cluster into a quantum emulator

Dr. Michael Bauer
Senior IT Consultant Quantum Computing
20.10.2025

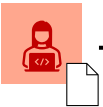
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From Qaptiva Application Platform to Qaptiva HPC



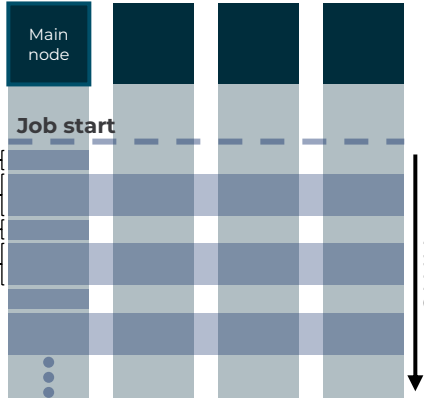
Login node



sbatch

Variational optimization step
Distributed emulation
Variational optimization step
Distributed emulation

Compute nodes



- Faster
- More Qubits