



MIMIQ

The world's most powerful virtual quantum computer

Pushing the boundaries of quantum algorithm emulation
with tensor networks

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Fast, accurate, and in a
league of its own

- Inside Quantum Technology



Why Quantum Emulators ?

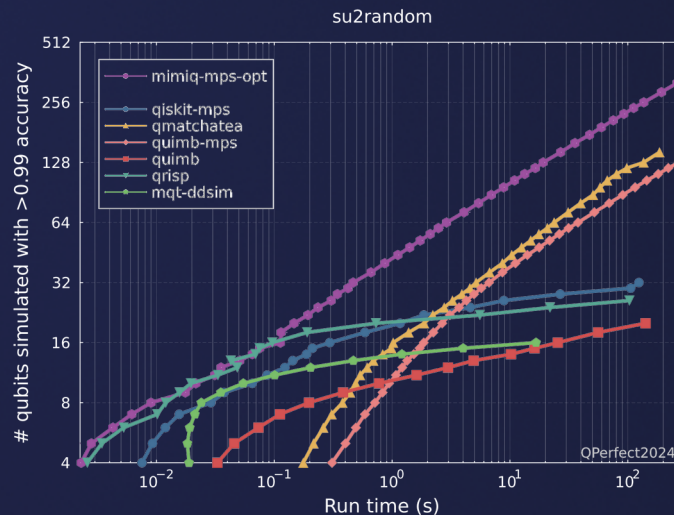
Design, benchmark and optimize quantum algorithms and quantum hardware

MIMIQ

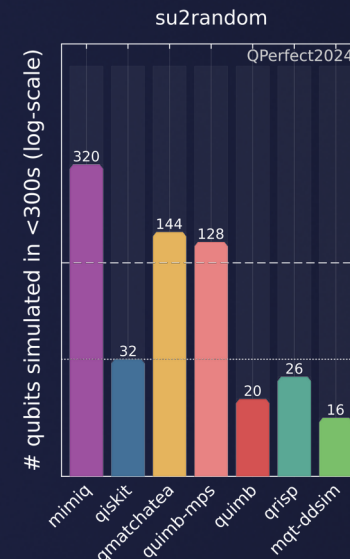
Universal quantum simulator powered by highly-optimized **Matrix Product State engines**, providing fast, large-scale emulation with full support for noise models, mid-circuit measurements, and all-to-all connectivity.



Comparative benchmarks



Find out more in arXiv: 2504.14027



Simulating the building blocks of **fault-tolerant** quantum computing



Design, test and optimization of quantum **cryptographic** protocols.