10⁰ 10⁻¹ 12 12 Var(En) Var(En) 10⁻¹⁰ 10-2 10-20 0 25 50 75 100 0 20 40 60 Layers Layers **ADAPT VQE 2L** VQE 10⁰ $\begin{array}{ccc} & 10^{-0.4} \\ & 10^{-0.6} \\ & 10^{-0.8} \end{array}$ 12 -12 Var(En) 10⁻¹⁰ 10-0.6 10-20 10 -0.8 7 2 3 5 6 0 100 200 300 400 4 Layers Layers

QAOA

ADAPT QAOA 2L