## ADAPT QAOA 2L QAOA Mean(Grad) 3 Mean(Grad) 1.75 1.50 2 1.25 1.00 0.75 5 15 20 2.5 5.0 7.5 10.0 12.5 10 Layers Layers **ADAPT VQE 2L** VQE 0.80 Mean(Grad) Mean(Grad) 5 0.75 3 0.70 0.65 0.60 0 1.50 300 1.00 1.25 1.75 2.00 0 100 200 400 Layers Layers