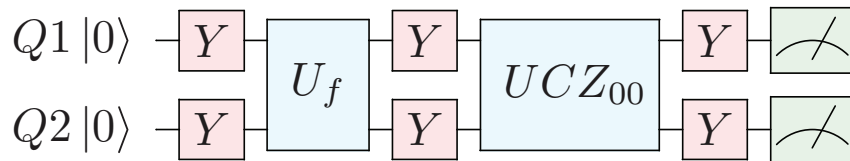
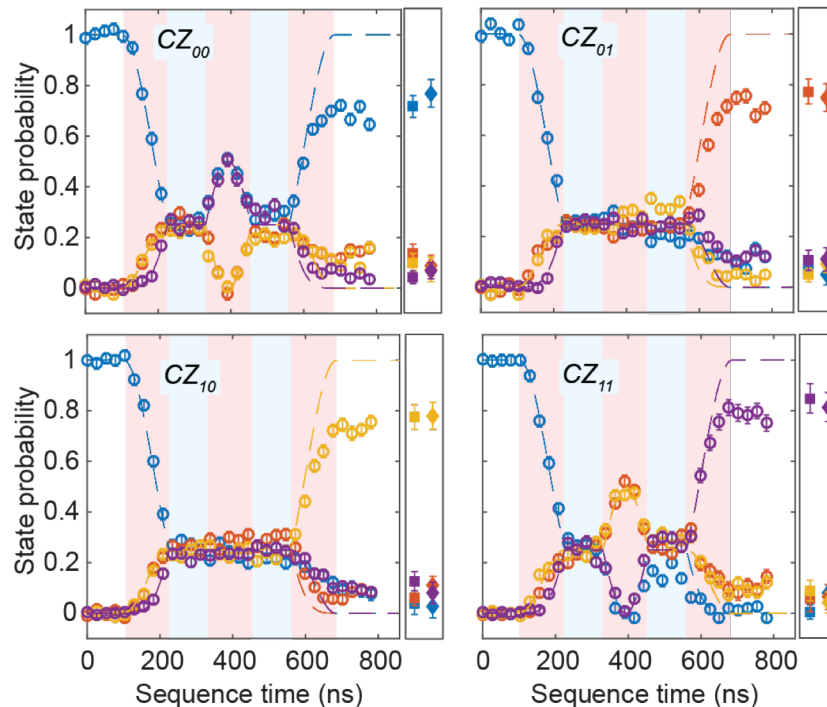


# A programmable two-qubit device in silicon



Grover and Deutsch-Jozsa algorithms  
successfully implemented



T.F. Watson, S.G.J. Philips, E. Kawakami, D.R. Ward, P. Scarlino, M. Veldhorst, D.E. Savage, M.G. Lagally, M. Friesen, S.N. Coppersmith, M.A. Eriksson, L.M.K. Vandersypen. "A programmable two-qubit quantum processor in silicon." *Nature* 555, 633-637 (2018).