

Pete Shadbolt is cofounder and Chief Scientific Officer at PsiQuantum. He has a PhD in experimental quantum photonics from the University of Bristol, where he implemented the first public API to a quantum processor, and made the first demonstration of the Variational Quantum Eigensolver — a quantum algorithm for computational chemistry which has since become widely adopted. He worked on the theory and architecture of fault-tolerant optical quantum computing at Imperial College, London before moving to California in 2016 to found PsiQuantum. The company has since gone on to raise over a billion dollars in capital and grown to more than 400 people. Pete has been awarded the EPSRC “Rising Star” award and the European Physical Society Thesis Prize.