**John Martinis, Professor at the University of California, Santa Barbara**

Received the 2014 Fritz London Memorial Prize, shared with Michel Devoret and Robert Schoelkopf, for his fundamental and pioneering experimental advances in quantum control, quantum information processing and quantum optics with superconducting qubits and microwave photons. His research focusses on building a quantum computer using superconducting qubits. He recently teamed up with Google’s Quantum Artificial Intelligence Lab to join efforts in building quantum information processors.

