

James S. Clarke, Director of Quantum Hardware, Intel Labs



Jim Clarke is the director of the Quantum Hardware research group within Intel's Components Research Organization.

Jim launched Intel's Quantum Computing effort in 2015, as well as a research partnership with QuTech (TU Delft and TNO). His group's primary focus is to use Intel's process expertise to develop scalable qubit arrays.

Prior to his current role, Jim managed a group focused on interconnect research at advanced technology nodes as well as evaluating new materials and paradigms for interconnect performance.

He has co-authored more than 50 papers and has several patents.

Prior to joining Intel in 2001, Jim completed a B.S. in chemistry at Indiana University, a Ph.D. in physical chemistry at Harvard University and a post-doctoral fellowship in physical organic chemistry at ETH, Zürich.