

## Department of Energy Announces \$11 Million for Research on Quantum Information Science for Fusion Energy Sciences

Principal Investigator	Title	Institution	City	State	9-digit zip code
Schenkel, Thomas	Qubit synthesis far from equilibrium	Lawrence Berkeley National Laboratory	Berkeley	California	94720-8099
Rabitz, Herschel	Exploiting Quantum Superposition and Entanglement for achieving High Selectivity and Sensitivity for Species Detection in Magnetic Fusion Devices	The Trustees of Princeton University	Princeton	New Jersey	09544-2020
DuBois, Jonathan	Exploiting Quantum Superposition and Entanglement for achieving High Selectivity and Sensitivity for Species Detection in Magnetic Fusion Devices	Lawrence Livermore National Laboratory	Livermore	California	94550-9698
Walsworth, Ronald	High-Field Quantum Diamond Magnetometers	University of Maryland	College Park	Maryland	20742-5141
Reagor, Matthew	Recreating Fusion Plasma Dynamics on an Intermediate Scale Quantum Processor	Rigetti Computing	Berkeley	California	94710-2704
DuBois, Jonathan	Recreating Fusion Plasma Dynamics on an Intermediate Scale Quantum Processor	Lawrence Livermore National Laboratory	Livermore	California	94550-9698
Vahala, George	Unitary Qubit Lattice Algorithms for Plasma Physics	The College of William and Mary	Williamsburg	Virginia	23187-8795
Ram, Abhay	Unitary Qubit Lattice Algorithms for Plasma Physics	Massachusetts Institute of Technology	Cambridge	Massachusetts	02139-4307
Vahala, Linda	Unitary Qubit Lattice Algorithms for Plasma Physics	Old Dominion University Research Foundation	Norfolk	Virginia	23508-2561
Soe, Min	Unitary Qubit Lattice Algorithms for Plasma Physics	Rogers State University	Claremore	Oklahoma	74017-3259