

Department of Energy Announces \$65 Million for Research in Quantum Computing

Announcement Number:

DE-FOA-0003265

List Posted:

9/10/2024

Selection for award negotiations is not a commitment by DOE to issue an award or provide funding.

Principal Investigator	Title	Institution	City	State	ZIP Code
Aaronson, Scott	Accelerated Research in Quantum Computing	The University of Texas at Austin	Austin	TX	78712
Barnes, Edwin	Quantum Utility with hardware- and application- Informed Near-Term Algorithms (QUINTA)	Virginia Polytechnic Institute and State University	Blacksburg	VA	26061-0001
Bennink, Ryan	Algorithms for Quantum Utility: Intelligent, Robust, and Efficiently Distributed (AQUIRED)	Oak Ridge National Laboratory (ORNL)	Oak Ridge	TN	37831-6118
Bethel, E. Wes	AQuA-DATA: Advanced Quantum Algorithms for Diverse Applications and Theoretical Advancements in Science	San Francisco State University	San Francisco	CA	94132-1722
Chan, Garnet	Quantum Utility Through Advanced Computational Quantum Algorithm (QUACQ)	California Institute of Technology	Pasadena	CA	91125-0001
Childs, Andrew	FAR-Qu: Fundamental Algorithmic Research toward Quantum Utility	University of Maryland	College Park	MD	20742-5141
Chong, Frederic	MACH-Q: Modular and Error-Aware Software Stack for Heterogeneous Quantum Computing Ecosystems	The University of Chicago	Chicago	IL	60637-5418
Chong, Frederic	SMART Stack: Scalable, Modular, Adaptable, Reconfigurable, error-Targeted approaches to quantum stack design	The University of Chicago	Chicago	IL	60637-5418
Cincio, Lukasz	MACH-Q: Modular and Error-Aware Software Stack for Heterogeneous Quantum Computing Ecosystems	Los Alamos National Laboratory (LANL)	Los Alamos	NM	87544-0600
De Jong, Wibe	MACH-Q: Modular and Error-Aware Software Stack for Heterogeneous Quantum Computing Ecosystems	Lawrence Berkeley National Laboratory (LBNL)	Berkeley	CA	94720-8099
Freericks, James	Algorithms for Quantum Utility: Intelligent, Robust, and Efficiently Distributed (AQUIRED)	Georgetown University	Washington	DC	20057-1168
Garcia-Pintos, Luis Pedro	FAR-Qu: Fundamental Algorithmic Research towards Quantum Utility	Los Alamos National Laboratory (LANL)	Los Alamos	NM	87544-0600
Gokhale, Pranav	SMART Stack: Scalable, Modular, Adaptable, Reconfigurable, error-Targeted approaches to quantum stack design	ColdQuanta, Inc.	Boulder	CO	80301-2338
Hovland, Paul	MACH-Q: Modular and Error-Aware Software Stack for Heterogeneous Quantum Computing Ecosystems	Argonne National Laboratory (ANL)	Lemont	IL	60439-4803
Humble, Travis	MACH-Q: Modular and Error-Aware Software Stack for Heterogeneous Quantum Computing Ecosystems	Oak Ridge National Laboratory (ORNL)	Oak Ridge	TN	37831-6118
Kemper, Alexander	Algorithms for Quantum Utility: Intelligent, Robust, and Efficiently Distributed (AQUIRED)	North Carolina State University	Raleigh	NC	27695-7514
Klymko, Katherine	Achieving Quantum Utility with Hybrid Discrete Continuous Variable Quantum Processors	Lawrence Berkeley National Laboratory (LBNL)	Berkeley	CA	94720-8099
Larson, Jeffrey	FAR-Qu: Fundamental Algorithmic Research towards Quantum Utility	Argonne National Laboratory (ANL)	Lemont	IL	60439-4803
Leyton Ortega, Vicente	FAR-Qu: Fundamental Algorithmic Research towards Quantum Utility	Oak Ridge National Laboratory (ORNL)	Oak Ridge	TN	37831-6118
Liu, Yuan	Achieving Quantum Utility with Hybrid Discrete Continuous Variable Quantum Processors	North Carolina State University	Raleigh	NC	27695-7514
Marvian, Milad	FAR-Qu: Fundamental Algorithmic Research towards Quantum Utility	University of New Mexico	Albuquerque	NM	87131-0001

Parekh, Ojas	FAR-Qu: Fundamental Algorithmic Research toward Quantum Utility	Sandia National Laboratories, New Mexico (SNL-NM)	Albuquerque	NM	87185-0100
Perciano Costa Leite, Talita	AQuA-DATA: Advanced Quantum Algorithms for Diverse Applications and Theoretical Advancements in Science	Lawrence Berkeley National Laboratory (LBNL)	Berkeley	CA	94720-8099
Petersson, Anders	SMART Stack: Scalable, Modular, Adaptable, Reconfigurable, error-Targeted approaches to quantum stack design	Lawrence Livermore National Laboratory (LLNL)	Livermore	CA	94551-0808
Preskill, John	FAR-Qu: Fundamental Algorithmic Research towards Quantum Utility	California Institute of Technology	Pasadena	CA	91125-0001
Quiroz, Gregory	SMART Stack (Scalable, Modular, Adaptable, Reconfigurable, error-Targeted approaches to quantum stack design)	The Johns Hopkins University	Baltimore	MD	21218-2686
Ravi, Gokul Subramanian	SMART Stack: Scalable, Modular, Adaptable, Reconfigurable, error-Targeted approaches to quantum stack design	Regents of the University of Michigan	Ann Arbor	MI	48109-1274
Rieffel, Eleanor	Algorithms for Quantum Utility: Intelligent, Robust, and Efficiently Distributed (AQUIRED)	NASA	Moffett Field	CA	94035-1000
Saleem, Zain	AQuA-DATA: Advanced Quantum Algorithms for Diverse Applications and Theoretical Advancements in Science	Argonne National Laboratory (ANL)	Lemont	IL	60439-4803
Sarovar, Mohan	MACH-Q: Modular and Error-Aware Software Stack for Heterogeneous Quantum Computing Ecosystems	Sandia National Laboratories, California (SNL-CA)	Livermore	CA	94551-0969
Stavenger, Timothy	Achieving Quantum Utility with Hybrid Discrete Continuous Variable Quantum Processors	Pacific Northwest National Laboratory (PNNL)	Richland	WA	99352-1793
Tubman, Norman	Achieving Quantum Utility with Hybrid Discrete Continuous Variable Quantum Processors	NASA	Moffett Field	CA	94035-1000
Van Beeumen, Roel Maria Franciscus	FAR-Qu: Fundamental Algorithmic Research towards Quantum Utility	Lawrence Berkeley National Laboratory (LBNL)	Berkeley	CA	94720-8099
Wang, Chen	Achieving Quantum Utility with Hybrid Discrete Continuous Variable Quantum Processors	University of Massachusetts Amherst	Amherst	MA	01003-9242
Whaley, Birgitta	Quantum Computing for Partial Differential Equations	The Regents of University of California	Berkeley	CA	94710-1749
Yang, Chao	Quantum Utility Through Advanced Computational Quantum Algorithm (QUACQ)	Lawrence Berkeley National Laboratory (LBNL)	Berkeley	CA	94720-8099
Zeng, William	SMART Stack: Scalable, Modular, Adaptable, Reconfigurable, error-Targeted approaches to quantum stack design	Unitary Fund	San Francisco	CA	94104-1856
Zhang, Zheng	Achieving Quantum Utility with Hybrid Discrete Continuous Variable Quantum Processors	Rutgers, The State University of New Jersey	Piscataway	NJ	08854-3925