Department of Energy Announces $7 Million for Quantum Technology Outposts in Fundamental Physics

Announcement Number: *DE-FOA-0003600* *List Posted:* *8/12/2026*

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
Winter, Peter	Quantum Vector Magnetometry for Precision Field Mapping in High Energy Physics	Argonne National Laboratory (ANL)	Lemont	IL	60439-4803
Szafron, Robert	Quantum Information Signatures at Colliders	Brookhaven National Laboratory (BNL)	Upton	NY	11973-5000
Peña, Cristian	QUADRA: Quantum-Accelerated Detector Research for Applications in HEP	Fermi National Accelerator Laboratory (FNAL)	Batavia	IL	60510-5011
Bauer, Christian	Testing Hadronization Models with Near-Term Quantum Hardware	Lawrence Berkeley National Laboratory (LBNL)	Berkeley	CA	94720-8099
Ivanov, Vsevolod	Exploring the Feasibility of Recoilless Resonant Neutrino Absorption	Virginia Polytechnic Institute and State University	Blacksburg	VA	26061-0001
Meurice, Yannick	Quantum computing in lattice field theory for high energy physics	University of Iowa	Iowa City	IA	52242-1320
Demina, Regina	Quantum Decoherence and New Physics Searches in High-Energy Systems Using Quantum Information Science Tools	University of Rochester	Rochester	NY	14611-3847
Febres Cordero, Fernando	Seeking Quantum Advantage in High-Energy QCD	Florida State University	Tallahassee	FL	32306-4166