

## Department of Energy Announces \$11.4 Million for Research on Quantum Information Science for Fusion Energy Sciences

Announcement Number: DE-FOA-0002891 Quantum Information Science Research for

List Posted: 10/30/2023

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

Principal Investigator	Title	Institution	City	State	9-digit zip code
Choy, Jennifer	All-optical quantum techniques for fusion research	University of Wisconsin-Madison	Madison	WI	53715-1218
Loureiro, Nuno	Quantum algorithms for fusion-plasma dynamics	Massachusetts Institute of Technology	Cambridge	MA	02139-4307
Novikova, Irina	Plasma In-situ Non-invasive Quantum-Enhanced Diagnostics(PINQuED)	The College of William and Mary	Williamsburg	VA	23187-8795
Collins, Gilbert	High Energy Density Quantum Matter	University of Rochester	Rochester	NY	14611-3847
Baczewski, Andrew	Foundations for quantum simulation of warm dense matter	Sandia National Laboratories	Albuquerque	NM	87123-3453
Tang, Xianzhu	Quantum Computing of Atomic and Molecular Processes in Fusion Plasmas	Los Alamos National Laboratory	Los Alamos	NM	87545-0001