

Department of Energy Announces \$11.5 Million for Particle Accelerators for Science & Society

Announcement
Number:

DE-FOA-0003253

List
Posted:

8/16/2024

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
Mikhailova, Julia	Shaping High-Energy and High-Average-Power Laser Pulses Using Plasma Optics	The Trustees of Princeton University, Princeton, NJ	Princeton	NJ	08544-2020
Reagan, Brendan	High Peak and Average Power Energetic Laser Technology for Accelerator Applications	Lawrence Livermore National Laboratory (LLNL), Livermore, CA	Livermore	CA	94550-0808
Chini, Michael	Hybrid Platform for Ultrafast Waveform-Controlled 2 Micron Laser Amplifier Front-End	The Ohio State University, Columbus, OH	Columbus	OH	43210-1016
Rosenzweig, James	An Ultra-Compact X-ray Free-electron Laser for Ptychographic Tomography-based Inspection	Regents of the University of California, Los Angeles, Los Angeles, CA	Los Angeles	CA	90095-1406
Heinemann, Klaus	Complementary Innovative Methods for Studying Electron Polarization in Storage Rings	University of New Mexico, Albuquerque, NM	Albuquerque	NM	87131-0001
Hoffstaetter de Torquat, Georg	Harnessing the Power of Machine Learning in an Accelerator Simulation Toolkit for Optimization and Automated Operation	Cornell University, Ithaca, NY	Ithaca	NY	14850-2820
Antonsen, Thomas	Adjoint Methods for Advanced Accelerator Design	University of Maryland, College Park, MD	College Park	MD	20742-5141
Palai, Ratnakar	Robust heterostructured photocathodes based on InGaN for bright electron beam sources	University of Puerto Rico at Rio Piedras, Rio Piedras, PR	Rio Piedras	PR	00925-3334
Gurevich, Alex	Unravelling the mechanisms of rf field, frequency, and temperature dependencies of nonlinear surface resistance in superconducting cavities	Old Dominion University Research Foundation, Norfolk, VA	Norfolk	VA	23508-2561
Liepe, Matthias	Next Steps in the Development of Turn-Key SRF Technology	Cornell University, Ithaca, NY	Ithaca	NY	14850-2820
Panton, Boyd	Multi-physics driven fabrication of next generation SRF structures	The Ohio State University, Columbus, OH	Columbus	OH	43210-1016
Edelen, Jonathan	Dynamical Processes in the Work Function of a Thermionic Cathode	RadiaSoft LLC, Boulder, CO	Boulder	CO	80301-3333
Bhandari, Harish	Spin-polarized electron sources based on group II-VI compounds grown by Atomic Layer Deposition	Radiation Monitoring Devices, Inc., Watertown, MA	Watertown	MA	02472-4699
Norausky, Nikolai	Enhancing Domestic Production of Superconducting Undulators (GACP 20020891)	General Atomics, San Diego, CA	San Diego	CA	92121-1122