

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

Announcement Number: DE-FOA-0003253

List Posted: 7/12/2024

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 super conducting 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	General Atomics, San Diego, CA	San Diego	CA	92121-1122