

Department of Energy Announces \$14.8 Million for Particle Accelerators for Science & Society

Announcement Number: DE-FOA-0002675

List Posted: 8/16/2022

Principal Investigator	Title	Institution	City	State	9-digit zip code
Mustapha, Brahim	Development of scanning magnets to enable compact superconducting carbon-beam gantries	Argonne National Laboratory (ANL), Lemont, IL	Lemont	IL	60439-4801
Rocca, Jorge	Innovation Solutions for Scaling High Energy Ultrafast Lasers to Multi-Kilowatt Average Power for Compact Accelerators and Applications	Colorado State University, Fort Collins, CO	Fort Collins	CO	80523-2002
Polyanskiy, Mikhail	Optical Materials for Ultra-High-Power Long-Wave Infrared Lasers	Brookhaven National Laboratory (BNL), Upton, NY	Upton	NY	11973-5000
Edelen, Jonathan	Novel Automation Methods of RF Systems in Compact Industrial Accelerators	RadiaSoft LLC, Boulder, CO	Boulder	CO	80301-3346
Lee, Dongwook	Simulation of High-Energy-Density Beams	The Regents of the University of California, Santa Cruz, CA	Santa Cruz	CA	95064-1077
Rosenzweig, James	Theoretical and Experimental Studies in Accelerator Physics	Regents of the University of California, Los Angeles, Los Angeles, CA	Los Angeles	CA	90095-1406
Karkare, Siddharth	On-Chip Integrated Photonics based Photocathodes	Arizona Board of Regents for Arizona State University, Tempe, AZ	Tempe	AZ	85281-3670
Schroeder, Walter	FROM THEORY TO PRACTICAL HIGH BRIGHTNESS PHOTOCATHODES	Board of Trustees of the University of Illinois, Chicago, IL	Chicago	IL	60612-4305
Lee, Peter	The Impact of Grain Boundaries and Dislocation Substructures on Functional Properties of Nb for SRF Cavities: Microstructural, Microchemical, and Electromagnetic Characterization	Florida State University, Tallahassee, FL	Tallahassee	FL	32306-4166
Carriere, Paul	Manufacturing full-scale high gradient copper accelerators: Electron beam welding and allied processes	Radiabeam Technologies, LLC., Santa Monica, CA	Santa Monica	CA	90404-4021
Pavlenko, Vitaly	Automated Process Control for Industrial Production of Alkali Antimonide Photocathodes	Los Alamos National Laboratory (LANL), Los Alamos, NM	Los Alamos	NM	87545-0001
Rose, James	Development of the U.S. vendor base for high-power RF klystrons	Brookhaven National Laboratory (BNL), Upton, NY	Upton	NY	11973-5000