

Department of Energy Announces \$6.5 Million for Research on Accelerator Technologies for Science, Medicine, Security, and Industry

Principal Investigator	Title	Institution	City	State	9-digit zip code
Nanni, Emilio	3D High Speed RF Beam Scanner for Hadron Therapy of Cancer	SLAC National Accelerator Laboratory, Menlo Park, CA	Menlo Park	CA	94025-7015
Zhou, Tong	Energy and Power Scaling of Nonlinearly Compressed Ultrashort Laser Pulses using Coherent Pulse Combining	Lawrence Berkeley National Laboratory (LBNL), Berkeley, CA	Berkeley	CA	94720-8099
Krushelnick, Karl	MACHINE LEARNING FOR BEAM QUALITY AND CONTRAST CONTROL OF HIGH REP RATE LASER ACCELERATORS	Regents of the University of Michigan, Ann Arbor, MI	Ann Arbor	MI	48109-1274
Vennekate, John	Design and Prototyping for a Compact 10?MeV SRF Accelerator for Irradiation Purposes	Thomas Jefferson National Accelerator Facility (TJNAF), Newport News, VA	Newport News	VA	23606-4468
Nguyen, Dinh	Energy Recovery Linac with 4K Nb3Sn Superconducting Cavities	SLAC National Accelerator Laboratory, Menlo Park, CA	Menlo Park	CA	94025-7015
Dolgashev, Valery	High Efficiency Tunable Energy Traveling Wave Linac for Medical and Security Applications	SLAC National Accelerator Laboratory, Menlo Park, CA	Menlo Park	CA	94025-7015
Kim, Young-Kee	Noise in Intense Electron Bunches	The University of Chicago, Chicago, IL	Chicago	IL	60637-5418
Baumgart, Helmut	Fundamental Investigation of Beam Exit Interfaces for MW-Class Irradiation Facilities	Old Dominion University Research Foundation, Norfolk, VA	Norfolk	VA	23508-2561
Elsayed-Ali, Hani	Optimization of Nb3Sn sputtering on SRF structures	Old Dominion University Research Foundation, Norfolk, VA	Norfolk	VA	23508-2561
Cooley, Lance	Business Models for Advanced Superconductors and a Sustainable Superconducting Magnet Ecosystem	Florida State University, Tallahassee, FL	Tallahassee	FL	32306-4166
Merrick, Julian	Advancement of Strategic Accelerator Technologies Through Industrial Partnerships	SLAC National Accelerator Laboratory, Menlo Park, CA	Menlo Park	CA	94025-7015