

Department of Energy Announces \$8.6 Million for Research on Accelerator R&D for Nuclear Physics

Announcement Number: DE-FOA-0002670

List Posted: 11/17/2022

Principal Investigator	Title	Institution	City	State	9-digit zip code
Xie, Daniel	Development of a MARS superconducting cold mass for future generations of ECRIS	LBNL - 88 inch	Berkeley	CA	94720-8202
Marsillac, Sylvain	Enhancing the Design of Photocathodes with 90% polarization and QE > 1% for DOE NP	ODU	Norfolk	VA	23508-2561
Poelker, Mathew	Same as above/ Subcontract	TJNAF	Newport News	VA	23606-4468
Bazarov, Ivan	Long lifetime spin-polarized electron sources: high current performance of alternative GaAs activation materials and novel spin-polarized sources via epitaxial growth	Cornell University	Ithaca	NY	14850-2820
Kelly, Michael	A Practical Niobium-Tin Cavity for the ATLAS Superconducting Linac	ANL-ATLAS	Lemont	IL	60439-4801
Posen, Sam	Same as above	FNAL	Batavia	IL	60510-5011
Kutsaev, Sergey	Same as above	Radiabeam Technologies	Santa Monica	CA	90404-4021
Powers, Tom	In situ plasma processing of superconducting cavities	TJNAF	Newport News	VA	23606-4468
Saito, Kenji	Development of Transformative Preparation Methods to Push up High Q&G Performance of FRIB Spare HWR Cryomodule Cavities	MSU	East Lansing	MI	48824-2601
Okamura, Masahiro	Development of high current highly charged laser ion source	BNL	Upton	NY	11973-5000
Qiang, Ji	Advanced Modeling of Beam Physics and Performance Optimization for Nuclear Physics Colliders	LBNL	Berkeley	CA	94720-8202
Hao, Yue	Same as above	MSU	East Lansing	MI	48824-2601
Gu, Xiaofeng	Same as above	BNL	Upton	NY	11973-5000
Jordan, Kevin	1497 MHz Vertical Slice Test of Magnetron & Superconducting Cavity	TJNAF	Newport News	VA	23606-4468