Department of Energy Announces \$5.65 Million for Research on High Energy Density Laboratory Plasmas

Announcement Number:	DE-FOA-0003222			List Posted:	9/12/2024
Principal Investigator	Title	Institution	City	State	9-digit zip code
Hollinger, Reed	Enhancing MeV x-ray generation through tailored relativistic interactions with structured targets	Colorado State University	Fort Collins	со	80523-2002
Mariscal, Christine	Photopumped Backlighter Platform Development for Laser- driven High-Energy-Density Science X-ray Probes	General Atomics	San Diego	CA	92121-1122
Gatu Johnson, Maria	Studies of Non-Maxwellian ion-velocity distributions and their signatures in Fusion Product Spectra in Inertial Confinement Fusion plasmas	Massachusetts Institute of Technology	Cambridge	MA	02139-4307
Schmidt, Oliver	Multi-physics optimization of amplifier heads for next- generation high-average-power lasers	The Regents of the University of California - UCSD	La Jolla	CA	92093-0934
Hill, Wendell	Full-power, in situ focal-spot assessment of petawatt lasers	University of Maryland	College Park	MD	20742-5141
Portillo, Salvador	Time Resolved Turbulence Studies on LTD Driven Gas Puff and HEDP loads	University of New Mexico	Albuquerque	NM	87131-0001
Bailly-Grandvaux, Mathieu	Driving plasmas to extreme magnetizations using strong laser compression and high initial magnetic field	The Regents of the University of California - UCSD	La Jolla	CA	92093-0934
Schumacher, Douglass	Novel plasma optics for relativistic plasma physics and new experiments using novel polarization	The Ohio State University	Columbus	ОН	43210-1016
Beg, Farhat	Magnetic field distribution in multi liner gas puff Z-pinches using 700 kA Linear Transformer Driver	The Regents of the University of California - UCSD	La Jolla	CA	92093-0934
Willingale, Louise	Direct Laser Acceleration of electrons for bright, directional radiation sources	Regents of the University of Michigan	Ann Arbor	MI	48109-1274
Bruce, Sandra	Observing Quantum Effects in Hole-Boring and Photon Jet Production in Petawatt Laser-Solid Target Interaction	The University of Texas at Austin	Austin	ТХ	78759-5316