

Department of Energy Announces \$5.25 Million for Research on High Energy Density Laboratory Plasmas

Announcement Number: DE-FOA-0002884

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Principal Investigator	Title	Institution	City	State	9-digit zip code
Tracy, Sally	High Energy Density Physics of Inertial Confinement Fusion Ablator Materials	Carnegie Institution of Washington	Washington	DC	20005-1910
Gatu Johnson, Maria	Study of Non-Maxwellian ion-velocity distributions and their impact on Fusion Product Spectra in Inertial Confinement Fusion plasmas	Massachusetts Institute of Technology	Cambridge	MA	02139-4307
Golovkin, Igor	Enhanced Modelling Capabilities for Short-Pulse Laser Experiments: Short-Time-Scale Laser Deposition Physics and Consistent Treatment of Dense Plasma Effects on Atomic Structures and Collisions	Prism Computational Sciences, Inc.	Madison	WI	53711-1067
Krushelnick, Karl	CONTROL OF MAGNETIC FIELD DYNAMICS AND RECONNECTION IN HIGH POWER LASER PLASMA INTERACTIONS	Regents of the University of Michigan	Ann Arbor	MI	48109-1274
Jeanloz, Raymond	Tuning Dynamic-Compression Experiments: From Quantum Crystals to Planets	The Regents of University of California	Berkeley	CA	94704-5940
Fox, Will	Ion Stopping Power measurements in Warm Dense Matter	The Trustees of Princeton University	Princeton	NJ	08544-2020
Ji, Hantao	Particle Acceleration and Heating by Magnetically Driven Reconnection at Low Beta Using Lasers ⁰	The Trustees of Princeton University	Princeton	NJ	08544-2020
Milchberg, Howard	Physics and Applications of kHz Few-Cycle Laser Interaction in Near-Critical Density Plasmas	University of Maryland	College Park	MD	20742-5141
Shaw, Jessica	Flying-Focus-Driven Laser-Plasma Accelerator for Single-Stage TeV Electron Beams	University of Rochester	Rochester	NY	14611-3847
Betti, Riccardo	Rarefaction waves and shock release in high energy-density convergent plasmas	University of Rochester	Rochester	NY	14611-3847
Oleynik, Ivan	High Energy Density Physics of Novel Inertial Fusion Energy Amorphous Ablator Materials	University of South Florida	Tampa	FL	33620-9951
Fisch, Nathaniel	Fundamental issues in the interaction of intense lasers with plasma	The Trustees of Princeton University	Princeton	NJ	08544-2020