



	App Number	Principal Investigator	Experimental Title
Vulcan	18110001	Neely D	Intense THz field-driven lattice dynamics probed with ultrafast X-ray diffraction
	18110041	Kar S	All-optical, staged acceleration of proton beams using helical coils
	18210019	Antonelli L	High resolution phase contrast imaging of strong shock-cloud interactions
	18110017	Woolsey N	Measuring the dynamics of magnetic fields in high energy-density plasmas
	18210022	Borghesi M	Irradiation of 3D cell models with high-flux, high-energy laser-driven protons
	18210003	Keenan F	Generation of high photoionisation parameter plasmas to simulate accretion-powered astronomical X-ray sources
	18210011	Hicks G	Ion acceleration from optically shaped gas-jets
	18210002	Norreys P	Monoenergetic Ion Beam from Collisionless Shocks
	19210020	Borghesi M	Sub-lethal effects of proton irradiation of cellular media at ultra-high dose rate
	19210003	Scott G	Direct Laser Acceleration of Electrons to Superponderomotive Energies
	19210011	Palmer C	Laboratory investigation of dust charging and destruction in shocked plasma
	19210019	Carroll D	Investigation of EMP emissions for understanding the source mechanisms and the rules for tuning and employing them in
	19210010	McKenna P	Optimisation of a hybrid ion acceleration mechanism towards a stable, high-energy ion source
Gemini & TA2	17210011	Mangles S	Precision measurements of strong-field radiation reaction
	18110023	Mangles S	Electromagnetic cascades in high-intensity laser fields
	18110022	Najmudin Z	Staged acceleration of narrow energy spread GeV electron beams
	18210015	Symes D	Development of laser-driven betatron x-rays for high resolution industrial tomography
	18210006	Hooker S	Multi-GeV Electron Acceleration in Hydrodynamic Optical Field Ionization Plasma Channels
	18210012	Streeter M	Feedback optimisation of a laser wakefield accelerator x-ray source for rapid tomography
	18210027	Jaroszynski D	Laser pulse control by excitation of plasma photonic crystals using counter-propagating laser beams
	18210005	McKenna P	Relativistic plasma photonics: polarising effects of relativistically transparent, anisotropic plasma
	19210013	Higginbotham A	Probing high pressure melting and kinetics via novel high-energy diffraction
	19210012	Kettle B	Ultrafast absorption spectroscopy of warm dense matter: measuring electron-ion equilibration rates
	19210006	Sarri G	Collisionless evolution of Weibel-like magnetic fields on kinetic scales
	19210005	Neely D	Time-resolved diagnostics of relativistic plasma singularities and BISER
19210001	Hooker S	Investigation of Plasma Waves Driven by Long Trains of Laser Pulses	
Artemis	17220004	Powis I	Time-Resolved Photoelectron Circular Dichroism in alpha-Pinene
	17120011	Cacho C	Ultrafast demagnetization in ferromagnetic oxides: exciting the phonons vs the electrons