

Week beginning		VULCAN		Gemini		ARTEMIS		Week beginning																																								
		TA West	TAP			Gemini	TA2																																									
03-Apr-17	Period 1 2017		16110045		Extension System Access (HAMS) 17110040		16120015	03-Apr-17																																								
10-Apr-17							System Access (XUV Beamline)	10-Apr-17																																								
17-Apr-17								17-Apr-17																																								
24-Apr-17								24-Apr-17																																								
01-May-17		Neely 16110035	Training Weeks &		McKenna 17110003			Minns 16120015	01-May-17																																							
08-May-17								08-May-17																																								
15-May-17			TAO course					22-May-17																																								
22-May-17								Matsuda 17120002	22-May-17																																							
29-May-17							Laser Service	29-May-17																																								
05-Jun-17		Period 1 2017									05-Jun-17																																					
12-Jun-17													12-Jun-17																																			
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07-Aug-17																																																
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	App Number	Principal Investigator	Experimental Title
Vulcan	16110045	Margarone D	Proton acceleration from thin cryogenic ribbons
	16110035	Neely D	Intense terahertz radiation from picosecond laser-produced plasmas
	17110021	White S	K-edge shifts for shock compressed matter
	17110029	Booth N	Anisotropy measurements of resistive plasmas for investigating the microphysics of warm dense matter
	17110019	Willingale L	Relativistic Magnetic Reconnection Field Dynamics
	17110009	Lancaster K	Production of hot dense plasmas via resistive guiding of fast electrons
	17110011	Glize K	Characterization of the density modulation driven by crossing beams
	17110005	Hicks G	Ion acceleration from low-Z over-critical gas jets
	17210021	Read M	An All-Optical Platform for Magnetised High Energy Density Physics Research
	17210025	Kar S	Advanced schemes for Light-sail acceleration by employing PW pulses at moderate intensities
	17210014	Mangles S	Development of a bright betatron backlighter for Vulcan Target Area West
	17210017	McKenna P	Highly-efficient direct laser acceleration of electrons in self-generated magnetic channels
	17210032	Borghesi M	Thin shell instabilities in collisionless plasmas
Gemini & TA2	17110003	McKenna P	Relativistic plasma photonics via self-induced transparency
	17110015	Thomas A	Femtosecond Pump-Probe Laue Diffraction of Lattice Dynamics using Betatron Radiation
	17110022	Brenner C	Laser-driven positron annihilation lifetime spectroscopy (PALS) as an advanced source for
	17110008	Mangles S	Femtosecond Time-Resolved Opacity Measurements of Hot Dense Matter
	17110004	Najmudin Z	Acceleration of electrons in consecutive GeV energy gain laser wakefield accelerator stages
	17210012	Mangles S	First observation of two-photon pair production
	17210015	Zepf M	Photo-induced pair production and non-perturbative QED on Gemini
	17210008	Hooker S	Investigation of Novel OFI-Heated Plasma Channels
	17210011	Cole J	Precision measurements of strong-field radiation reaction
	17210027	Borghesi M	Biological Effectiveness of Laser Accelerated Carbon ions in Radioresistant Cancer Models
Artemis	16120015	Minns RS	High Harmonic Spectroscopy Study of transiently aligned and dissociating CS ₂
	17120002	Matsuda I	Valley selected optical excitation of single-layer WSe ₂ by time-resolved and angle-resolved photoemission spectroscopy
	16120004	Giannetti C	Unfolding the relation between charge order and the dynamics of quasiparticles and oxygen states in cuprate superconductors
	17120006	O'Keeffe K	Soft x-ray interferometry for pump-probe spectroscopy and hyperspectral imaging
	17120000	Ulstrup S	Layer Dependent Dynamics in Two-Dimensional Transition Metal Dichalcogenides
	17120003	Crepaldi A	Exploring the optical manipulation of the extreme magnetoresistance in the transition metal dichalcogenide WTe ₂
	17120001	Vallance C	Covariance-map ion imaging of Coulomb explosions: an exploratory study into new methods for investigating molecular structure and dynamics
	16220022	Carley R	Ultrafast demagnetization of Gd and Tb driven by infrared laser pulses
	17220003	Gierz	Resolving spin polarized photocarriers in WS ₂ /graphene van-der-Waals stack
	17220009	Minns	Time Resolved XUV Photoelectron Spectroscopy of Roaming Dynamics in Acetaldehyde
	17220004	Powis	Time-Resolved Photoelectron Circular Dichroism in alpha-Pinene
	17220002	Ulstrup	Transient Many-Body Interactions in Single-Layer 1T-VSe ₂
	17220007	Castiglioni	Following molecular wavepacket dynamics by time- and angle-resolved photoelectron spectroscopy
	17120011	Beaurepaire E	Ultrafast demagnetization in ferromagnetic oxides: exciting the phonons vs the electrons