

HPL Schedule

Week beginning		VULCAN		Gemini		ARTEMIS		Week beginning	
		TA West	TAP	Gemini	TA2				
03-Apr-17	Period 1 2017		16110045	Extension		16120015		Period 1 2017	03-Apr-17
10-Apr-17			System Access (HAMS) 17110040	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							15-May-17		
15-May-17							22-May-17		
22-May-17			TAO course			Matsuda 17120002	29-May-17		
29-May-17						Laser Service	05-Jun-17		
05-Jun-17							12-Jun-17		
12-Jun-17						19-Jun-17			
19-Jun-17						26-Jun-17			
26-Jun-17							03-Jul-17		
03-Jul-17	Period 2 2017	White 171100021	Booth 171100029	Thomas 17110015	Brenner Part 1 17110022			Period 2 2017	03-Jul-17
10-Jul-17									extension
17-Jul-17		Interlocks	Interlocks	Mangles 17110008		O'Keeffe 17120006			17-Jul-17
24-Jul-17									24-Jul-17
31-Jul-17							31-Jul-17		
07-Aug-17							07-Aug-17		
14-Aug-17		Willingale 171100019	Lancaster 17110009	Commercial Access 17110041	Brenner Part 2 17110022	Ulstrup 17120000			14-Aug-17
21-Aug-17									
28-Aug-17							28-Aug-17		
04-Sep-17							04-Sep-17		
11-Sep-17						11-Sep-17			
18-Sep-17						18-Sep-17			
25-Sep-17						25-Sep-17			
02-Oct-17	Period 1 2018	Glize 171100011	Hicks 17110005	Najmudin 17110004		Vallance 17120001		Period 1 2018	02-Oct-17
09-Oct-17									
16-Oct-17							16-Oct-17		
23-Oct-17							23-Oct-17		
30-Oct-17							30-Oct-17		
06-Nov-17							06-Nov-17		
13-Nov-17							13-Nov-17		
20-Nov-17		TAO course	System Access	Commercial Access 1721XXXX		Carley 16220022			20-Nov-17
27-Nov-17		Training Weeks							27-Nov-17
04-Dec-17							04-Dec-17		
11-Dec-17						11-Dec-17			
18-Dec-17						18-Dec-17			
25-Dec-17						25-Dec-17			
01-Jan-18	Period 2 2018	Brenner 1721XXXX	Kar 17210025	System Access Beam stabilisation	Magnet set-up	Giannetti 16120004		Period 2 2018	01-Jan-18
08-Jan-18									
15-Jan-18						Beaurepaire 17120011			15-Jan-18
22-Jan-18									22-Jan-18
29-Jan-18							29-Jan-18		
05-Feb-18							05-Feb-18		
12-Feb-18							12-Feb-18		
19-Feb-18			IT-ELLIE Training				19-Feb-18		
26-Feb-18							26-Feb-18		
05-Mar-18			Borghesi 17210032	McKenna 17210017	Beamline switchover				05-Mar-18
12-Mar-18							12-Mar-18		
19-Mar-18				Zepf 17210015	Hooker (part 2) 17210008		19-Mar-18		
26-Mar-18							26-Mar-18		
02-Apr-18	Period 1 2019	Read 17210021		Beamline switchover				Period 1 2019	02-Apr-18
09-Apr-18									
16-Apr-18							16-Apr-18		
23-Apr-18							23-Apr-18		
30-Apr-18							30-Apr-18		
07-May-18					Cole 17210011	Hooker (part 3) 17210008			07-May-18
14-May-18					Beamline switchover				14-May-18
21-May-18									21-May-18
28-May-18									28-May-18
04-Jun-18			Najmudin 17210014		Borghesi 17210027				04-Jun-18
11-Jun-18							11-Jun-18		
18-Jun-18							18-Jun-18		
25-Jun-18							25-Jun-18		
02-Jul-18							02-Jul-18		
09-Jul-18							09-Jul-18		
16-Jul-18							16-Jul-18		

	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
	17120011	Beaurepaire E	Ultrafast demagnetization in ferromagnetic oxides: exciting the phonons vs the electrons
	16220022	Carley R	Ultrafast demagnetization of Gd and Tb driven by infrared laser pulses