

Week beginning		VULCAN		Gemini		ARTEMIS	Week beginning			
		TA West	TAP	TA2						
25-Dec-17	2017 Period 2	Christmas 2017						25-Dec-17		
01-Jan-18				Commercial Access				01-Jan-18		
08-Jan-18				17210041 (cont.)				08-Jan-18		
15-Jan-18		Commercial Access 17210040	Kar 17210025	Joint magnet installation		Carley 16220022		15-Jan-18		
22-Jan-18								22-Jan-18		
29-Jan-18								29-Jan-18		
05-Feb-18								05-Feb-18		
12-Feb-18				Mangles 17210012	Hooker (part 1) 17210008	Gierz 17220003	12-Feb-18			
19-Feb-18							26-Feb-18			
26-Feb-18									05-Mar-18	
05-Mar-18	Borghesi 17210032	McKenna 17210017								
12-Mar-18							19-Mar-18			
19-Mar-18			Extension			Powis 17220004	26-Mar-18			
26-Mar-18			Beamline switchover					02-Apr-18		
02-Apr-18			Zepf 17210015	Hooker (part 2) 17210008	Powis 17220004		09-Apr-18			
09-Apr-18							16-Apr-18			
16-Apr-18	Read 17210021	System Access (EMP, x-ray BKG Rad measurements) Dielectric parab Defocus work			Beamline switchover		Minns 17220009		23-Apr-18	
23-Apr-18									30-Apr-18	
30-Apr-18					Mangles 17210011	Hooker (part 3) 17210008			07-May-18	
07-May-18									14-May-18	
14-May-18							21-May-18			
21-May-18							28-May-18			
28-May-18	2018 Period 1	System Access Replace TAW Roughing pump	LA4 Table change TAE Clear (partial)	XPW/ Grating change				04-Jun-18		
04-Jun-18								11-Jun-18		
11-Jun-18				Plasma mirror setup			Crepaldi 17120003		18-Jun-18	
18-Jun-18							Ulstrup 17220002		25-Jun-18	
25-Jun-18		Beam recomission						02-Jul-18		
02-Jul-18		Najmudin 17210014 (DC)				Borghesi 17210027	Norreys (part 1) 18110024	Castiglioni 17220007	09-Jul-18	
09-Jul-18									16-Jul-18	
16-Jul-18									23-Jul-18	
23-Jul-18									30-Jul-18	
30-Jul-18						Vallance 17120001		06-Aug-18		
06-Aug-18			Quantel service beamline setup				13-Aug-18			
13-Aug-18							20-Aug-18			
20-Aug-18			Dromey 18110012		Norreys (part 2) 18110024		27-Aug-18			
27-Aug-18							03-Sep-18			
03-Sep-18	2018 Period 2	Neely 18110001	Margarone 18110037	Pulse train setup				10-Sep-18		
10-Sep-18								17-Sep-18		
17-Sep-18								24-Sep-18		
24-Sep-18						Hooker 18110004	System access			01-Oct-18
01-Oct-18								08-Oct-18		
08-Oct-18								15-Oct-18		
15-Oct-18								22-Oct-18		
22-Oct-18								29-Oct-18		
29-Oct-18		Comp bypass setup						05-Nov-18		
05-Nov-18		Gizzi 18110033	McKenna 18110002	Magnet installation				12-Nov-18		
12-Nov-18						19-Nov-18				
19-Nov-18						26-Nov-18				
26-Nov-18						03-Dec-18				
03-Dec-18	LP setup 18110017			Mangles 18110023				10-Dec-18		
10-Dec-18				Beam stabilisation				17-Dec-18		
17-Dec-18	Christmas 2018						24-Dec-18			
24-Dec-18	2018 Period 2							31-Dec-18		
31-Dec-18								07-Jan-19		
07-Jan-19				Beam stabilisation Dual F/50 setup				14-Jan-19		
14-Jan-19		Read 18110017	Training Weeks					21-Jan-19		
21-Jan-19								28-Jan-19		
28-Jan-19					Najmudin 18110022			04-Feb-19		
04-Feb-19								11-Feb-19		
11-Feb-19						18-Feb-19				
18-Feb-19						25-Feb-19				
25-Feb-19		Kar 18110041					04-Mar-19			
04-Mar-19					11-Mar-19					
11-Mar-19					18-Mar-19					
18-Mar-19					25-Mar-19					

	App Number	Principal Investigator	Experimental Title
Vulcan	17210025	Kar S	Advanced schemes for Light-sail acceleration by employing PW pulses at moderate intensities
	17210032	Borghesi M	Thin shell instabilities in collisionless plasmas
	17210017	McKenna P	Highly-efficient direct laser acceleration of electrons in self-generated magnetic channels
	17210021	Read M	An All-Optical Platform for Magnetised High Energy Density Physics Research
	17210014	Najmudin Z	Development of a bright betatron backlighter for Vulcan Target Area West
	18110037	Margarone D	Brilliant, Fast Neutron Source employing Cryogenic Ribbons of Solid Deuterium
	18110001	Neely D	Intense THz field-driven lattice dynamics probed with ultrafast X-ray diffraction
	18110002	McKenna P	Laser-solid interaction physics at intensities up to 10 ²² W/cm ² and tight focusing conditions
	18110033	Gizzi L	Role of Laser Plasma Interactions in the Shock Ignition regime
	18110017	Read M	Measuring the dynamics of magnetic fields in high energy-density plasmas
	18110041	Kar S	All-optical, staged acceleration of proton beams using helical coils
Gemini & TA2	17210012	Mangles S	First observation of two-photon pair production
	17210008	Hooker S	Investigation of Novel OFI-Heated Plasma Channels
	17210015	Zepf M	Photo-induced pair production and non-perturbative QED on Gemini
	17210011	Mangles S	Precision measurements of strong-field radiation reaction
	17210027	Borghesi M	Biological Effectiveness of Laser Accelerated Carbon ions in Radioresistant Cancer Models
	18110024	Norreys P	Coupling orbital angular momentum with plasma waves through stimulated Raman scattering
	18110012	Dromey B	Dual-beam ultrafast pulsed ion radiolysis on Astra Gemini: Nonlinear response of the radiolytic yield of radical/excited species in H2O with
	18110004	Hooker S	Investigation of Plasma Waves Driven by Long Trains of Laser Pulses
	18110023	Mangles S	Electromagnetic cascades in high-intensity laser fields
	18110022	Najmudin Z	Staged acceleration of narrow energy spread GeV electron beams
Artemis	16220022	Carley R	Ultrafast demagnetization of Gd and Tb driven by infrared laser pulses
	17220003	Gierz I	Resolving spin polarized photocarriers in WS2/graphene van-der-Waals stack
	17220004	Powis I	Time-Resolved Photoelectron Circular Dichroism in alpha-Pinene
	17120001	Vallance C	Covariance-map ion imaging of Coulomb explosions: an exploratory study into new methods for investigating molecular structure and dynamics
	17220009	Minns R	Time Resolved XUV Photoelectron Spectroscopy of Roaming Dynamics in Acetaldehyde
	17120003	Crepaldi A	Exploring the optical manipulation of the extreme magnetoresistance in the transition metal dichalcogenide WTe2
	17220002	Ulstrup S	Transient Many-Body Interactions in Single-Layer 1T-VSe2
	17220007	Castiglioni L	Following molecular wavepacket dynamics by time- and angle-resolved photoelectron spectroscopy