

Week beginning	VULCAN	Gemini	ARTEMIS	Week beginning
07-Jan-19	TA West	Gemini	ARTEMIS	07-Jan-19
14-Jan-19		Mangles 17210011		14-Jan-19
21-Jan-19	Training Weeks			21-Jan-19
28-Jan-19	Neely 18110001	Mangles 18110023	Building Work	28-Jan-19
04-Feb-19	TAO Course			04-Feb-19
11-Feb-19				11-Feb-19
18-Feb-19		Commercial Access 18220000	End Station & Source Development	18-Feb-19
25-Feb-19				25-Feb-19
04-Mar-19	Kar 18110041			04-Mar-19
11-Mar-19	TAP Beamline work			11-Mar-19
18-Mar-19				18-Mar-19
25-Mar-19				25-Mar-19
01-Apr-19		Najmudin 18110022	Move to RC@H	01-Apr-19
08-Apr-19				08-Apr-19
15-Apr-19				15-Apr-19
22-Apr-19				22-Apr-19
29-Apr-19	Antonelli 18210019		Equipment Installation	29-Apr-19
06-May-19				06-May-19
13-May-19		Symes 18210015		13-May-19
20-May-19				20-May-19
27-May-19				27-May-19
03-Jun-19	LP setup			03-Jun-19
10-Jun-19	ILOW - (Co-Host)			10-Jun-19
17-Jun-19	LP setup			17-Jun-19
24-Jun-19		Hooker 18210006		24-Jun-19
01-Jul-19	Woolsey 18110017	Borghesi 18210022	Streeter 18210012	01-Jul-19
08-Jul-19				08-Jul-19
15-Jul-19				15-Jul-19
22-Jul-19				22-Jul-19
29-Jul-19		Extn	Extn	29-Jul-19
05-Aug-19	Long pulse & Bypass set-up	Maintenance		05-Aug-19
12-Aug-19		Compressor installation		12-Aug-19
19-Aug-19				19-Aug-19
26-Aug-19		Jaroszynski 18210027	Streeter 18210012	26-Aug-19
02-Sep-19	Keenan 18210003	Beamline work		02-Sep-19
09-Sep-19				09-Sep-19
16-Sep-19				16-Sep-19
23-Sep-19			Streeter 18210012	23-Sep-19
30-Sep-19	Extn			30-Sep-19
07-Oct-19				07-Oct-19
14-Oct-19	3w LP installation	Extn		14-Oct-19
21-Oct-19				21-Oct-19
28-Oct-19				28-Oct-19
04-Nov-19	Norreys 18210002	Borghesi 19210020	Streeter 18210012	04-Nov-19
11-Nov-19				11-Nov-19
18-Nov-19		McKenna 18210005	Commercial Access Part 1	18-Nov-19
25-Nov-19				25-Nov-19
02-Dec-19	TAO Course	Electrical shutdown		02-Dec-19
09-Dec-19				09-Dec-19
16-Dec-19				16-Dec-19
23-Dec-19	Christmas 2019			23-Dec-19
30-Dec-19	Christmas 2019			30-Dec-19
06-Jan-20	Target Fab Plant servicing			06-Jan-20
13-Jan-20	Target Fab Plant servicing			13-Jan-20
20-Jan-20	TAE Building Work	System access	Higginbotham 19210013	20-Jan-20
27-Jan-20			Commercial Access Part 2	27-Jan-20
03-Feb-20				03-Feb-20
10-Feb-20				10-Feb-20
17-Feb-20				17-Feb-20
24-Feb-20				24-Feb-20
02-Mar-20	Palmer 19210011	Carroll 19210019	Hricovini 17120011 (part 1)	02-Mar-20
09-Mar-20				09-Mar-20
16-Mar-20				16-Mar-20
23-Mar-20				23-Mar-20
30-Mar-20				30-Mar-20
06-Apr-20				06-Apr-20
13-Apr-20	Training Weeks	McKenna 19210010	Compressor work	13-Apr-20
20-Apr-20	TAO Course			20-Apr-20
27-Apr-20	ELI Training Weeks			27-Apr-20
04-May-20				04-May-20
11-May-20				11-May-20
18-May-20				18-May-20
25-May-20				25-May-20
01-Jun-20	Scott 19210003	Kar 20110009	System access	01-Jun-20
08-Jun-20				08-Jun-20
15-Jun-20				15-Jun-20
22-Jun-20				22-Jun-20
29-Jun-20				29-Jun-20
06-Jul-20				06-Jul-20
13-Jul-20	LP set-up			13-Jul-20
20-Jul-20	Magnet installation			20-Jul-20
27-Jul-20				27-Jul-20
03-Aug-20				03-Aug-20
10-Aug-20	Fuchs 20110000	Hicks 18210011	Mangles 20110008	10-Aug-20
17-Aug-20			Neely (part 1) 19210005	17-Aug-20
24-Aug-20				24-Aug-20
31-Aug-20				31-Aug-20
07-Sep-20			Probe	07-Sep-20
14-Sep-20				14-Sep-20
21-Sep-20				21-Sep-20
28-Sep-20				28-Sep-20
05-Oct-20	Armstrong 20110006		Commercial Access	05-Oct-20
12-Oct-20				12-Oct-20
19-Oct-20				19-Oct-20
26-Oct-20				26-Oct-20
02-Nov-20				02-Nov-20
09-Nov-20	TAW & TAP offline for beamline work	Hooker 20110003	Neely (part 2) 19210005	09-Nov-20
16-Nov-20				16-Nov-20
23-Nov-20				23-Nov-20
30-Nov-20				30-Nov-20
07-Dec-20				07-Dec-20
14-Dec-20				14-Dec-20
21-Dec-20	Target Fab Plant servicing			21-Dec-20
28-Dec-20	Target Fab Plant servicing			28-Dec-20
04-Jan-21				04-Jan-21
11-Jan-21				11-Jan-21
18-Jan-21				18-Jan-21
25-Jan-21				25-Jan-21
01-Feb-21				01-Feb-21
08-Feb-21				08-Feb-21
15-Feb-21				15-Feb-21
22-Feb-21				22-Feb-21
01-Mar-21				01-Mar-21
08-Mar-21				08-Mar-21
15-Mar-21				15-Mar-21
22-Mar-21				22-Mar-21
29-Mar-21				29-Mar-21
05-Apr-21				05-Apr-21
12-Apr-21				12-Apr-21
19-Apr-21				19-Apr-21
26-Apr-21				26-Apr-21
03-May-21				03-May-21
10-May-21				10-May-21
17-May-21				17-May-21

App Number	Principal Investigator	Experimental Title
<b>Vulcan</b>		
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
20110009	Kar S	Optimising guided post-acceleration of high energy protons by variable-pitch helical coils
20110000	Fuchs J	Investigation of the ion streaming instability in the laboratory and of the associated energy transfer to the background plasma
20110006	Armstrong C	Monoenergetic and micron-scale source size neutron beam generation
<b>Gemini &amp; TA2</b>		
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
20110008	Mangles S	Definitive measurement of quantum radiation reaction in the collision of an intense laser-pulse with a high-energy electron beam
20110003	Hooker S	Multi-GeV Electron Acceleration in HOFI Plasma Channels
20110001	Palmer C	Characterisation of 'hot' electron filamentation in overdense plasmas using large data sets
20110004	McKenna P	High order modes of intense light generated in dense plasma
<b>Artemis</b>		
17220004	Powis I	Time-Resolved Photoelectron Circular Dichroism in alpha-Pinene
17120011	Hricovini	Ultrafast demagnetization in ferromagnetic oxides: exciting the phonons vs the electrons
20120005	Minns R	XUV Photoelectron spectroscopy of Rydberg Valence dynamics
20120010	Wyatt A	High Flux Soft X-Ray Generation in the Water Window
20120006	Thompson J	Photoelectron Imaging in the Molecular Frame
20120002	Da Como E	Mott and Charge Density Wave dynamics in the transition metal dichalcogenide 1T-TaSe2.
20120009	Mathews M	Enhancing and understanding EUV harmonic emission in solids