

LASERS for SCIENCE FACILITY RAL-BASED SCHEDULE PERIOD II 2007

Date	Confocal Microscopy Laboratory	Raman Tweezers Laboratory	SNURF Laboratory	Ultrafast Spectroscopy Laboratory	Date
Sep 24	DEVELOPMENT/ INSTALLATION			MAINTENANCE/PIRATE	Sep 24
Oct 01				N HUNT (Strathclyde) 72,018 Transient 2D-IR of hydrogenase enzyme system	Oct 01
Oct 08					Oct 08
Oct 15	P O'NEILL (MRC) 72,036 Dynamics of assembly of repair proteins to genomic DNA damage		SORS DEVELOPMENT		Oct 15
Oct 22	M KUIMOVA (IC) 72,035 Cellular mechanism of photodynamic therapy with aluminium phthalocyanines			Oct 22	
Oct 29				INTERLOCK INSTALLATION	Oct 29
Nov 05		P GARDNER (MIB) 72,019 Optical tweezers Raman spectroscopy of cell lines		PIRATE UPGRADE	Nov 05
Nov 12					Nov 12
Nov 19	MAINTENANCE	BOTCHWAY/BISBY (CLF)72,027 Serotonin detection			Nov 19
Nov 26	R BISBY (Salford) 72,001 Intracellular serotonin	MAINTENANCE	M VOLK (Liverpool) 72,008 UV resonance Raman studies of helical peptide structure	T WELLER (ISIS) 72,038 Graphitisation of diamond using ultrafast lasers	Nov 26
Dec 03	P O'NEILL (MRC) 72,036	D FAIRHURST (NTU) 72,014 Microrheology of non-equilibrium polymer solutions			Dec 03
Dec 10	M KUIMOVA (IC) 72,035				Dec 10
Dec 17			P MATOUSEK (CLF) 72,029	S ELLIOTT (Cambridge) 72,007	Dec 17
Dec 24	CHRISTMAS & NEW YEAR				Dec 24
Dec 31					Dec 31
Jan 07	MAINTENANCE	MAINTENANCE	P MATOUSEK (CLF) 72,029 Laser radiation and Raman/fluorescence signal enhancement in deep spectroscopy of turbid media	S ELLIOTT (Cam) 72,007 TA and fluorescence studies of chalcogenides	Jan 07
Jan 14				A DUTTON (STFC) 72,017 Advanced spectroscopic techniques for the optimisation of photo-electrochemical hydrogen production	Jan 14
Jan 21	M TOWRIE (CLF) 72,040 Optical tweezers "Acoustic Pick"	P GARDNER (MIB) 72,019 Optical tweezers Raman spectroscopy of cell lines			Jan 21
Jan 28			M VOLK (Liverpool) 72,008 UV resonance Raman studies of helical peptide structure		Jan 28
Feb 04	C STUBBS (OBU) 72,010	M KING (RH) 72,031 The uptake of amine on particles in the atmosphere			Feb 04
Feb 11	P O'NEILL (MRC) 72,036			MAINTENANCE/PIRATE	Feb 11
Feb 18	R BISBY (Salford) 72,001 Intracellular imaging of serotonin		T WESS (Cardiff) 72,030 Backbone and domain movements in the elastic response of fibrillin In situ	S MEECH (UEA) 72,022 Unravelling mechanisms in blue light sensing proteins	Feb 18
Feb 25		MAINTENANCE			Feb 25
Mar 03	C STUBBS (OBU) 72,010 Imaging cell membrane dynamics	A WARD (CLF) 72,037 Target delivery using optical levitation		J VAN THOR (IC) 72,025 Photoselection and photoreversibility in the photocycle of the phytochrome photoreceptor	Mar 03
Mar 10			S BELL (Belfast) 72,004 UV Raman of biopharmaceutical protein formulations		Mar 10
Mar 17					Mar 17
Mar 24	P O'NEILL (MRC) 72,036				Mar 24

Deadline for Period II 2007 (for scheduling 31st March 2008 to 15th September 2008) is 3rd December 2007