

LASERS for SCIENCE FACILITY 2008/09

IMAGING			DYNAMICS		
Date	ASPID	Confocal Microscopy	Tweezers	Ultrafast	Date
Jun 09				TRIR TESTS	Jun 09
Jun 16				ULTRA IMPLEMENTATION	Jun 16
Jun 23			J SANDERSON (Durham) 81,052 Raman Tweezing on super-repellent surfaces	S MEECH (UEA) 72,022 Unravelling mechanisms in blue light sensing proteins	Jun 23
Jun 30	C BALLESTREM (Manchester) 81,051 Conformational changes of integrins			ULTRA IMPLEMENTATION	Jun 30
Jul 07		P O'NEILL (MRC) 81,048 Dynamics of assembly of repair proteins to genomic DNA damage.	A WARD (STFC/MSF) Cloud Chamber Atmospheric aerosols		Jul 07
Jul 14			TWEEZERS NANOPROBE DEVELOPMENT		P PORTIUS (Sheffield) 81,066 TRIR study of the photochemistry of energetic compounds
Jul 21		R BISBY (Salford) 81,037 Intracellular Imaging of Serotonin		Jul 21	
Jul 28				Jul 28	
Aug 04	MAINTENANCE				Aug 04
Aug 11			A WARD (STFC/MSF) Cloud Chamber Atmospheric	S QUINN (Trinity College Dublin) 81,030 Unravelling the photodynamics of nucleic acid base systems using Transient IR spectroscopy	Aug 11
Aug 18			M KING (Royal Holloway) 81,069 Oxidation of naturally occurring surfactants		Aug 18
Aug 25	T NG (King's College London) 81,009 Unravelling supra-molecular rules in signal receptor networks		A WARD (STFC/MSF) Cloud Chamber Atmospheric aerosols	2DIR preparation	Aug 25
Sep 01	K SADER (SuperSTEM) 81,018		M KING (Royal Holloway) 81,069	S QUINN (Trinity College Dublin) 81,030	Sep 01
Sep 08	A JACKSON (Cambridge) 81,026 Voltage-gated sodium channel subunits in live cells			2DIR preparation	Sep 08
Sep 15				N HUNT (Strathclyde) 81,020 Transient 2D-IR spectroscopy – real time observation of to chemical reactions	Sep 15
Sep 22	A SHRIVE (Keele) 81,039 Structural studies of human CRP interaction with C-polysaccharide.				Sep 22
Sep 29		R BISBY (Salford) 81,037			Sep 29
Oct 06	A SHRIVE (Keele) 81,039				Oct 06
Oct 13	T NG (King's College London) 81,009 Unravelling supra-molecular rules in signal receptor networks	I MUELLER-HARVEY (Reading) 81,072 Lasers to probe the nuclear binding of flavanols and flavonols			Oct 13
Oct 20	K SADER (SuperSTEM) 81,018			ULTRA DEVELOPMENT	Oct 20

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Date	ASPID	Confocal Microscopy	Tweezers	Ultrafast	Date		
Oct 27	C BALLESTREM (Manchester) 81,051 Conformational changes of integrins			ULTRA DEVELOPMENT	Oct 27		
Nov 03	K SADER (SuperSTEM) 81,018 TEM validation for high resolution biological STEM imaging		J SANDERSON (Durham) 81,052	A PARKER (CLF) 81,043 Characterisation of intermediates in serotonin and 5-hydroxytryptophan by ps vibrational spectroscopy	Nov 03		
Nov 10	A SHRIVE (Keele) 81,039 Structural studies of human CRP interaction with C-polysaccharide.	A JESHTADI (Brookes) 81,007 Fowlpox virus putative			Nov 10		
Nov 17		C STUBBS (Brookes) 81,033 Protein Signalling Pathways Involving PI3K, mTOR and MEK	C NEYLON (ISIS) 81,070 Single molecule studies of the Tus-Ter protein DNA interaction	A VLCEK (QMUL) 81,005 Electron hopping in proteins	Nov 17		
Nov 24	T NG (King's College London) 81,009 Unravelling supra-molecular rules in signal receptor networks	Training			Nov 24		
Dec 01	K SADER (SuperSTEM) 81,018				Dec 01		
Dec 08	A SHRIVE (Keele) 81,039		A WAGNER (Diamond) 81,057 Sorting of cypovirus and baculovirus polyhedra crystals	I CLARK (STFC) 81,061 Temperature and time resolved spectroscopy on the ultrafast timescale	Dec 08		
Dec 15					Dec 15		
Dec 22	Christmas Break				Dec 22		
Dec 29	Christmas Break				Dec 29		
Jan 05	RELOCATION OF ASPID		BT-LIBRA DEVELOPMENT	CLARK 81,061	M KUIMOVA (Imperial) 81,071 Electron and energy transfer from 2-aminopurine to guanine	Jan 05	
Jan 12					ULTRA DEV		Jan 12
Jan 19							
Jan 26		C STUBBS (Brookes) 81,033					Jan 26
Feb 02		A JESHTADI (Brookes) 81,007 Fowlpox virus putative structural protein interactions			ULTRA DEVELOPMENT		Feb 02
Feb 09			C PFRANG (Reading) 81,025 Exploring NO _x chemistry in levitated aqueous aerosol				Feb 09
Feb 16		C STUBBS (Brookes) 81,033 Protein Signalling Pathways Involving PI3K, mTOR and MEK			J KELLY (TCD) 81,028 TR ³ spectroscopy of quantum dots		Feb 16
Feb 23					ULTRA DEV.	S ELLIOTT (Cambridge) 81,015 TA studies of chalcogenide glasses	Feb 23
Mar 02				CALL FOR ACCESS AUTUMN 2008	ULTRA DEVELOPMENT		Mar 02
Mar 09							
Mar 16				ULTRA DEV.		Mar 16	
Mar 23					P MATOUSEK (STFC) 81,063 NIR Kerr Gate	Mar 23	
Mar 30						Mar 30	
Colour key:	Diamond Coupling	Collaborative link	Development	STFC Project	DV Standing programmes	Colour key:	