

Start period	Tue 1/12	Wed 2/12	Thu 3/12	Fri 4/12	Sat 5/12	Sun 6/12	Mon 7/12	Tue 8/12	Wed 9/12
	<b>ARRIVAL/BEGINNERS</b>	<b>INTRO CHAIR:</b>	<b>DATA COLL/PROC CHAIR:</b>	<b>DATA COLL/PROC CHAIR:</b>	<b>EXP PHASING CHAIR:</b>	<b>MR CHAIR:</b>	<b>REFINEMENT CHAIR:</b>	<b>MODEL BUILDING CHAIR:</b>	<b>ANALYSIS/DEPOSITION CHAIR:</b>
09:00									
09:15			Note: data coll from about 10:00 interleaved with lectures, student teams report back on return to the computer room						
09:30									
09:45		Welcome to the course M. Walsh	BEST data collection strategies (all attendees) A. Popov	Data proc	Data proc with XDS K. Diederichs	SHARP C. Vornrhein	Intro to CCP4i2 A. Lebedev	Ligands P. Collins	CCP4MG S. McNicholas
10:00									
10:15									
10:30		Diamond showcase 5 * "ignite" talks	DATA COLLECTION	DATA COLLECTION	XDS	Introduction to Coot J. Debreczeni	Model building K. Cowtan	ARP/wARP for ligands Lamzin team	CCP4MG S. McNicholas
10:45									
11:00									
11:15		COFFEE	COFFEE	COFFEE	COFFEE	COFFEE	COFFEE	COFFEE	COFFEE
11:30									
11:45		Introduction to SR/beamlines K. McAuley	Introducing data processing using iMosflm A. Leslie	Introducing data processing using iMosflm A. Leslie	Data quality statistics K. Diederichs	MR intro A. McCoy	Refinement R. Nicholls & O. Kovalevskiy	ARP/wARP Lamzin team	PISA E. Krissinel
12:00									
12:15									
12:30		Data collection G. Evans	iMosflm	iMosflm	Phase problem G. Leonard	MR methods A. McCoy	Refinement R. Nicholls & O. Kovalevskiy	Coot and Lidia (ligands) P. Emsley	hands on
12:45									
13:00									
13:15									
13:30		LUNCH	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH
13:45									
14:00									
14:15		MX Pipelines G. Winter	Data proc with DIALS DIALS team	Data proc with DIALS DIALS team	EP N. Pannu	DM K. Cowtan	Privateer K. Cowtan	hands on	student presentations
14:30									
14:45									
15:00	Where do the spots come from and what do they mean? G. Winter	Optimising the Diamond experience D. Lawson	DIALS	DIALS	SHELX for EP G. Sheldrick	SHELXE & ARCIMBOLDO for MR I. Uson	ARP/wARP Lamzin team	Model validation and optimisation R. Joosten	student presentations
15:15									
15:30									
15:45		COFFEE	COFFEE	COFFEE	COFFEE	COFFEE	COFFEE	COFFEE	COFFEE
16:00									
16:15	Introduction to symmetry and structure factors TBC	Best practice data collection with Pilatus detectors A. Förster	Data reduction P. Evans	Data reduction P. Evans	hands on	MrBump & BALBES R. Keegan	BUSTER C. Vornrhein	ACEDrg F. Long	student presentations
16:30									
16:45									
17:00	Introduction to Linux and the command line TBC	ISPyB P. Aller	Multi-crystal work R. Gildea	Multi-crystal work R. Gildea	Twinning A. Thorn	AMPLE D. Rigden / J. Thomas	Advanced Coot P. Emsley	hands on	student presentations
17:15									
17:30	Cryo-crystallography and radiation damage E. Garman	Student posters / drinks	BLEND J. Foadi	BLEND J. Foadi	Check your space group / intensity stats A. Lebedev	Manual MR (Phaser/Molrep)	Coot hands on	hands on	SR, Past, Present & Future - International Year of Light C. Nave
17:45									
18:00									
18:15									
18:30			Data proc	Data proc	hands on	SOCIAL EVENT	Scientific communication S. Curry	MEAL OUT	Q/A
18:45									
19:00									
19:15									
19:30		DINNER	DINNER	DINNER	DINNER				
19:45									
20:00									
20:15									
20:30		hands on	Data proc	Data proc	hands on		hands on		hands on
20:45									
21:00		BUS TO WANTAGE	BUS TO WANTAGE	BUS TO WANTAGE	BUS TO WANTAGE		BUS TO WANTAGE		BUS TO WANTAGE