

	Monday 2 nd September		Tuesday 3 rd September		Wednesday 4 th September		Thursday 5 th September		Friday 6 th September	
	CX	PX	CX	PX	CX	PX	CX	PX	CX	PX
8 AM	Welcome		-	-	Data Collection	Protein Crystallisation I	-	CryoEM data Processing tutorial	-	Model building / refinement tutorial
9 AM			Structure Factors & Electron Density		Software & Workflow	Protein Crystallisation II	Refinement II – Basic Modelling		Refinement Tutorial IV	
9:30 AM			Introduction to Crystallography		Structure Factors Tutorial	Indexing & Integration	Data Collection	Refinement Tutorial I	Alpha Fold for MR tutorial	Refinement Tutorial V
10 AM	Morning Tea		Morning Tea		Morning Tea		Morning Tea		Morning Tea	
10:30 AM	Maths for Crystallography		Symmetry I		Processing Workshop	Data Integration & Reduction	Refinement III - Restraints	MR tutorial	Publication, CCDC	Validation PX + cryoEM
11 AM	Lunch		Lunch		Lunch		Lunch		Closing Remarks & Lunch	
11:30 AM	Principles of Diffraction		Symmetry II		Space Group Determination	Data Processing tutorial (XDS)	Preparing CIFs & Validation	Phasing I - SAD/MAD		
12 PM	Reciprocal Space & Bragg's Law		Introduction to Twinning		Solution Methods		Refinement Tutorial II	Phasing II-SIR/MIR		
12:30 PM	Afternoon Tea		Afternoon Tea		Afternoon Tea		Afternoon Tea			
1 PM	Radiation Sources		Symmetry Tutorial Beers and Pizza		Powder I	Data Processing tutorial (other methods)	Refinement IV - Spotting Problems	SHELX tutorial		
1:30 PM	Free time-Networking				Powder II	Data reduction tutorial	Refinement Tutorial III	Model building and refinement		
2 PM	Welcome BBQ				Refinement I - Overview		Break	Break		
2:30 PM					Free time - dinner (own expense)	School Dinner (7pm onwards)				
3 PM										
3:30 PM										
4 PM										
4:30 PM										
5 PM										
5:30 PM										
6 PM										
6:30 PM										
7 PM										