

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