

6/25 – 7/2	8:30 – 9:30	9:30 – 10:30	10:45 – 11:45	1:00-2:00	2:00-4:00; 4:15-6:15	6:30-8:30
Sunday					Arrivals and accommodation	Opening Welcome Reception (Willens Wing Atrium, 2 nd Floor Tech)
Monday	Crystallography Overview & Radiation Safety	Crystallographic Fundamentals	Space Groups and Symmetry	PXRD Sample Prep lecture	Point groups; International Tables; Sample Prep	Point groups; International Tables; Sample Prep
Tuesday	Ewald Sphere & Reciprocal Space	Systematic Absences	Data Collection Techniques	Data Reduction Techniques	Beginners SHELX (Mac/PC) Advanced SHELX Diffractometer Training	Beginners SHELX (Mac/PC) Advanced SHELX Diffractometer Training
Wednesday	Structure solution	Refinement (Fourier & Least Squares)	FREE TIME – Data collection, 1:1 help	FREE TIME – Data collection, 1:1 help	Olex2 Workshop	Olex2 Sandbox time
Thursday	Data Validation and Structure Finalization	Synchrotrons / Neutrons	Difficult Refinements / Twinning / Modulation	Hands-on Structure Solution/Refinement	Database Workshop Finalization Workshop	Finalizations
Friday	PXRD – Overview	Indexing /LeBail/Pawley methods	Rietveld Refinement	Error Analysis	Indexing Workshop; GSAS Workshop	FOX Workshop
Saturday	LeBail powder to single crystal	ICDD	Total scattering (PDF) High Pressure	Hands-on Structure Solution/Refinement	Hands-on Structure Solution/Refinement	PICNIC
Sunday	Student Presentations	Student Presentations	Student Presentations		Departures	