

June 12th through June 19th

	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 (4:00pm)	Opening Welcome Reception
Monday	Crystallography Overview & Radiation Safety	Crystallographic Fundamentals	Space Groups and Symmetry	PXRD Sample Prep ppt	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 or Advanced ShelX / Diffractometer Training	Beginners or Advanced ShelX / Diffractometer Training
Wednesday	Patterson Methods / Intrinsic Phasing	Direct Methods / Charge Flipping	Structure Refinement (Fourier & Least Squares)	FREE TIME – Data collection, 1:1 help	Structure Solution / Refinement Hands-On (Olex2)	Olex2 Sandbox time
Thursday	Data Validation and Structure Finalization	Synchrotrons/ Neutrons	Hands-on Structure Solution/Refinement	Hands-on Structure Solution/Refinement	Database Workshop	Finalization Workshop
Friday	PXRD – Overview	Rietveld Refinement	Le Bail Approach: PXRD to Single crystal	Error Analysis	Indexing Workshop ; GSAS Workshop	FOX Workshop
Saturday	Difficult Refinements / Twinning / Modulation	Hands-on Structure Solution/ Refinement	Hands-on Structure Solution/Refinement	Hands-on Structure Solution/Refinement	Hands-on Structure Solution/Refinement	PICNIC
Sunday	Student Presentations	Student Presentations	Student Presentations		Departures	