Wednesday 15th					
08:30	09:00	Registration			
09:00	09:10	Welcome			
Theory session					
09:10	09:45	Physics of Scattering			
09:45	10:30	Crystal lattices			
10:30	coffee break				
10:45	11:30	Diffraction, Bragg's law, Laue conditions			
11:30	12:00	Reciprocal lattice and Ewald sphere			
12:00	lunch break				
12:45	13:30	Data collection single crystals			
13:30	14:00	Data collection powders			
Practical session					
single crystals			*powders*		
14:00	17:00	Data processing	14:00	17:00	Data processing
Evening program - diner					

Thursday 16th					
Theory session					
09:00	09:45	Intensity and Structure Factors			
09:45	10:30	Electron Density and Fourier Transform			
10:30	coffee break				
10:45	12:00	Phasing			
12:00	lunch break				
12:45	14:00	Symmetry, International Tables			
Practical session					
Single crystals			*powders*		
14:00	17:00	phasing for small molecules and proteins	14:00	17:00	find model for cubic structure profile fitting
Evening program - diner					

Friday 17th					
Theory session					
single crystals			*powders*		
09:00	09:45	Electron diffraction of nanocrystals	09:00	10:30	Rietveld refinement
09:45	10:30	Refinement	10:30	coffee break	
10:30	coffee break		10:45	11:15	Databases: indentification
10:45	11:30	Structural interpretation	11:15	12:00	Profile analysis: crystallite size microstress, texture
11:30	12:30	Databases	12:00	12:30	Non-ambient condidtions
12:00	12:30	lunch break			
Practical session					
single crystals			*powders*		
13:15	16:15	Protein model building refinement and validation	13:15	16:15	Rietveld refinement quantification, mixtures
Closure and drinks					