

Monday 29 August : Electron Diffraction and structural crystallography		
09:00-09:15	Philippe Boullay	Welcome and Introduction to the school
09:15-09:45	Joke Hadermann	Complementarities between X-ray and electron based techniques
09:45-10:30	Christophe Lepoittevin	Symmetry in direct and reciprocal space
10:30-10:45	<i>Break</i>	
10:45-11:30	Damien Jacob	Unit cell and space group determination from PED and CBED
11:30-12:15	Ute Kolb	From ED to 3DED : introduction to the methods – historical perspective
12:15-13:30	<i>Lunch</i>	
13:30-14:15	Mauro Gemmi	Data collection of 3DED data : introduction to the instruments
14:15-15:00	Hongyi Xu	3DED data analysis : introduction to the tools – software review
15:00-16:00	Sponsor session	Flash presentations from sponsors
16:00-16:15	<i>Break</i>	
16:15-17:30	Poster session	Participants present their work and discuss with lecturers and sponsors
Tuesday 30 August : Accurate crystallography using 3DED		
09:00-09:45	Mauro Gemmi	Development of EDT/ADT/RED/PEDT and its applications
09:45-10:30	Pascal Roussel	Methods for phasing diffraction data I : inorganics and small molecules
10:30-10:45	<i>Break</i>	
10:45-11:30	Lukas Palatinus	Kinematical refinement : X-ray vs electrons
11:30-12:15	Lukas Palatinus	Dynamical refinement against 3DED data
12:15-13:30	<i>Lunch</i>	
13:30-14:00	Joke Hadermann	A glimpse at challenges for in-situ 3DED
14:00-17:30	<i>TD on computer and/or software demos on data acquisition and reduction</i>	
19:00	ECS Social Event I	
Wednesday 31 August : 3DED for life science		
09:00-09:30	Jan Pieter Abrahams	Development of cRED and its applications for organics and life science
09:30-10:00	Hongyi Xu	Sample preparation methods for 3DED: from inorganics to proteins
09:30-10:00	Stéphanie Kodjikian	Detectors for electron crystallography
10:30-10:45	<i>Break</i>	
10:45-11:30	Dominique Housset	Methods for phasing diffraction data II : macromolecules
11:30-12:15	Jan Pieter Abrahams	Refinement of macromolecular structures against 3DED data
12:15-13:30	<i>Lunch</i>	
13:30-14:00	Philippe Boullay	Perspectives on Electron Nanocrystallography
14:00-17:30	<i>TD on computer and/or software demo on structure solution and refinement</i>	
19:30	ECS Social Event II : dinner	
Thursday 01 September : Pair Distribution Function analyses		
09:00-09:45	Ute Kolb	single crystal: 3DED and diffuse scattering
09:45-10:30	Tatiana Gorelik	Beyond single crystal :ePDF
10:30-10:45	<i>Break</i>	
10:45-12:00	<i>Round table discussions, poster award and concluding remarks</i>	