

SR School 2018, Timetable

Sunday 16th September	
Jesus College, Oxford	
16:00	Registration and coffee
16:30 17:30	Communications Event (<i>students to make own dinner arrangements</i>)

Monday 17th September	
Jesus College, Oxford	
09:00	Course Introduction - <i>Fred Mosselmans</i>
09:05	Fundamentals of X-ray diffraction - <i>Steve Collins</i>
10:00	The Diamond Synchrotron - <i>Lorraine Bobb</i>
10:55	Coffee Break
11:25	Diffraction and Symmetry - <i>Bill Clegg</i>
12:20	Tutorial - Crystal Symmetry
12:50	Lunch
13:45	What's on a Synchrotron Beamline - <i>Lucia Alianelli</i>
14:40	Imaging with X-rays - <i>Christoph Rau</i>
15:30	Coffee Break
16:00	Scanning Nano-Imaging - <i>Paul Quinn</i>
16:40	Powder X-ray diffraction - <i>Julia Parker</i>
17:30	Beamtime Proposals - <i>Fred Mosselmans</i>
19:00	Dinner

Tuesday 18th September	
Jesus College, Oxford	
09:00	X-ray Absorption Spectroscopy - <i>Fred Mosselmans</i>
09:55	Resonant and Magnetic Scattering - <i>Paul Steadman</i>
10:45	Coffee Break
11:15	Synchrotron Infrared Microspectroscopy - <i>Gianfelice Cinque</i>
12:10	Synchrotron Web Resources - <i>Steve Collins</i>
12:45	Lunch
13:40	Macromolecular Crystallography - <i>Katherine McAuley</i>
14:15	Transmission Electron Microscopy - <i>Manfred Schuster</i>
15:05	X-ray Photoelectron Spectroscopy - <i>Rosa Arrigo</i>
15:55	Coffee Break
16:25	Small Angle Scattering including both Materials SAXS and BioSAXS - <i>Claire Pizzey</i>
17:20	Surface Diffraction - <i>Chris Nicklin</i>
19:00	Dinner

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Wednesday 19th September	
Diamond Light Source	
07:30	Early breakfast
08:15	Transport to Diamond Light Source
09:15	First Practical Session
12:30	Lunch
13:20	Second Practical Session
16:50	Transport back to Jesus College
17:55	Introduction to the DAWN analysis program - <i>Jake Filik</i>
19:00	Dinner

Thursday 20th September	
Diamond Light Source	
07:30	Early breakfast
08:15	Transport to Diamond Light Source
09:15	First Practical Session
12:30	Lunch
13:20	Second Practical Session
16:50	Transport back to Oxford.
19:00	Workshop Dinner at Jesus College

Friday 21st September	
Symposium Day - Jesus College, Oxford	
09:10	TBC - <i>Edman Tsang, University of Oxford</i>
10:05	TBC- <i>Katharine Thompson, Birkbeck College, University of London</i>
11:00	Coffee Break
11:25	TBC - <i>Elizabeth Blackburn, University of Birmingham</i>
12:20	Lunch
13:15	Understanding aerospace alloys with synchrotron diffraction - <i>Howard Stone, University of Cambridge</i>
14:10	Corrosion: Fun with Synchrotron Radiation - <i>Rob Lindsay, University of Manchester</i>
15:15	End