

Oxford School on Neutron Scattering, 2024, Week 1

	Tue 3rd Sep 2024	Wed 4th Sep 2024	Thu 5th Sep 2024	Fri 6th Sep 2024
08:30	Intro and Welcome			
09:00	The Neutron (Boothroyd)	Introductory Theory II (Boothroyd)	Introductory Theory III (Boothroyd)	Introductory Theory IV (Boothroyd)
10:00	Introductory Theory I (Boothroyd)	Practical Neutron Scattering I (Stewart)	Practical Neutron Scattering II (Stewart)	Polarized Neutrons (Stewart)
11:00	Coffee Break			
11:30	Diffraction from crystalline materials I (Clark)	Diffraction from crystalline materials II (Clark)	Diffraction from non-crystalline materials I (Bouwman)	Diffraction from non-crystalline materials II (Bouwman)
12:30	Lunch			
14:00	<b>Maths Drop-In session</b>	<b>Tutorials</b>		
	Stewart	Stewart	Stewart	Stewart
	Boothroyd	Boothroyd	Boothroyd	Boothroyd
	Clark	Clark	Clark	Clark
15:00	Coffee Break	Garcia Sakai	Bouwman	Bouwman
15:30	<b>Neutron Tutorials</b>	Coffee Break		
16:00	Stewart	Student Presentations	Student Presentations	Proposal Writing (Garcia Sakai)
	Boothroyd			
	Clark			
	Garcia Sakai			
Evening	17:30 <b>Drinks Reception</b>		20:00 <b>Chadwick and Meitner</b> <i>Prof Gerry Lander</i>	20:30 <b>Pub Quiz</b> <i>(St Anne's College Bar)</i>

Oxford School on Neutron Scattering, 2024, Week 2

	Mon 9th Sep 2024	Tue 10th Sep 2024	Wed 11th Sep 2024	Thu 12th Sep 2024	Fri 13th Sep 2024			
09:00	SANS and NR (Steinke)		Inelastic Neutron Scattering (Garcia)	Epithermal Neutron Scattering (Seel)	Neutron Imaging (Kardjilov)	Engineering (Vasileiou)		
10:00	Magnetic Scattering (Johnson)	SANS Soft Matter (Edler)	Magnetic Refinement (Johnson)	WANS for Amorphous Materials (Edkins)	Vibrational Spectroscopy (Parker)	Measuring Spin Waves (Wildes)	Diffusion in solids (Karlsson)	Density Functional Theory (Jackson)
11:00	Coffee Break							
11:30	Nano-Magnetism (Kinane)	Chemical Applications (Clarke)	Phonons (Voneshen)	Dynamics in Soft Materials (Foglia)	Neutron Sources (Quintieri)	Modelling Spin Waves (Wildes)	Neutrons for Life Sciences (Gerelli)	MD simulations (Armstrong)
12:30	Lunch							
14:00	<b>Tutorials</b>							
	Soft Matter (Edler)		Soft Matter (Edkins)		Imaging (Kardjilov)			
	Magnetism (Johnson)		Magnetism (Johnson)		Magnetism (Wildes)			
	Nano-magnetism (Kinane)		Soft Matter (Foglia)		Neutrons for Life Sciences (Gerelli)			
	Chem Apps (Clarke)		Phonons (Voneshen)		Diffusion (Karlsson)			
15:30	Coffee Break		Tour of ISIS	Coffee Break		Proposal Review Panel and Close of School		
16:00	Proposal Writing Session			Proposal Writing and Submission				
Evening	20:00 <b>Clever Coatings</b> <i>Dr Stuart Clarke</i>				20:00 <b>When the chips are down...</b> <i>Dr Chris Frost</i>		18:30 <b>Drinks</b> 19:00 <b>Gala Dinner</b>	

Materials    Soft Matter    Simulation    Techniques    Magnetism