

	HSC4: IERCULES Specialised Courses: Application of neutron and synchrotron radiation to magnetism						normal operation for ESRF
	Sunday 6/05/2007	Monday 7/05/2007	Tuesday 8/05/2007	Wednesday 9/05/2007	Thursday 10/05/2007	Friday 11/05/2007	
08:30	<div>08:30</div> <div>08:45</div> <div>09:00</div> <div>10:00</div> <div>10:30</div> <div>11:00</div> <div>11:30</div> <div>12:00</div> <div>12:30</div> <div>13:30</div> <div>14:00</div> <div>15:00</div> <div>15:30</div> <div>16:00</div> <div>18:00</div> <td>Welcome (José BARUCHEL)</td> <td rowspan="2">Magnetic X-ray scattering</td> <td rowspan="2">Practicals - 8h30-12h30</td> <td rowspan="2">Practicals - 8h30-12h30</td> <td></td>	Welcome (José BARUCHEL)	Magnetic X-ray scattering	Practicals - 8h30-12h30	Practicals - 8h30-12h30		
08:45		Welcome (Andrew WILDES)					
09:00		Introduction to scattering techniques (overview) (Bill STIRLING)	(Des MCMORROW)	Neutron Powder diffraction (D1B) Group [1]	Polarized Neutron Diffraction (D7) Group [1]	Applications and complementarity: Superconductivity, strongly correlated electrons (Gerry LANDER)	
10:00			COFFEE/ TEA			Applications and complementarity: Quantum phase transitions (Beatrice GRENIER)	
10:30		COFFEE/ TEA	Magnetic Dichroism and PEEM (Jan VÖGEL)	Neutron Inelastic Scattering (IN3) Group [2]	X-ray dichroism (ID8) Group [2]		
11:00		Neutron elastic scattering (Gerry LANDER)		Polarized Neutron Diffraction (D7) Group [3]	Neutron Powder diffraction (D1B) Group [3]	COFFEE/ TEA	
11:30				X-ray dichroism (ID8) Group [4]	Neutron Inelastic Scattering (IN3) Group [4]	Applications & CMR materials (Dimitri ARGYRIOU)	
12:00							
12:30		LUNCH ESRF Canteen	LUNCH ESRF Canteen !!! open 12h00 - 13h00 only !!!	LUNCH ESRF Canteen	LUNCH ESRF Canteen	LUNCH ESRF Canteen	
13:30			ILL SAFETY TRAINING in room 427				
14:00		Neutron inelastic scattering (Henrik RØNNOW)	Dynamical scattering with neutrons and X-rays (Sean LANGRIDGE)	Practicals - 14h00-18h00	Practicals - 14h00-18h00	Applications and complementarity: Thin films & patterned samples (Sean LANGRIDGE)	
15:00				X-ray dichroism (ID8) Group [1]	Neutron Inelastic Scattering (IN3) Group [1]		
15:30		COFFEE/ TEA	COFFEE/ TEA	Neutron Powder diffraction (D1B) Group [2]	Polarized Neutron Diffraction (D7) Group [2]	Applications and complementarity: Molecular magnetism (Grégory CHABOUSSANT)	
16:00		ESRF SAFETY TRAINING - 30 mn (in ESRF Computer Training room)	Analysis of x-ray dichroism	Neutron Inelastic Scattering (IN3) Group [3]	X-ray dichroism (ID8) Group [3]		
		Analysis of neutron powder diffraction <i>Tutorial</i> (Clemens RITTER) use of computer programs (in front of the screen)	<i>Tutorial</i> (Peter BENCOK) use of computer programs (in front of the screen)	Polarized Neutron Diffraction (D7) Group [4]	Neutron Powder diffraction (D1B) Group [4]	Applications and Frustrated magnetism (Andrew HARRISON)	
18:00		Registration followed by a cold buffet at Hotel Suisse et Bordeaux	use of computer programs (in front of the screen)	Wine and Cheese + Poster session followed by dinner in ESRF canteen		Conclusion (Andrew WILDES)	
		DINNER ESRF canteen		DINNER ESRF canteen	20h00: HSC 4 DINNER at the Hotel Europole	18h30: Farewell BBQ ESRF Chalet	

Lectures will take place in ILL4, room 427

Tutorials will take place in the ESRF computing training room