

Programme

Sunday, 6th July – Arrival

18:00 – 21:00 Welcome Buffet & Get Together with Tutors in the ESRF/ILL Cafeteria

Monday, 7th July – Oral Sessions - ILL Chadwick Amphitheatre

09:00 – 09:30	Welcome addresses by W.G. Stirling (DG ILL) and F. Sette (DG ESRF)	
09:30 – 10:30	Neutron Production	Uli Köster (ILL)
10:30 – 11:00	<i>Coffee Break</i>	
11:00 – 12:30	Visit of ILL Reactor	Peter Geltenbort Gabriel Cuello
12:30 – 13:15	<i>Lunch in the common restaurant on site</i>	
13:15 – 14:00 14:00 – 15:15 15:15 – 16:00	ESRF students 1 st part administrative formalities (ESRF, office 424) Safety Training (Room BEL 1-02) 2 nd part Administrative formalities (office 424)	Leila van Yzendoorn
14:00 – 16:00	ILL students: Administrative formalities (ILL4, room 52)	Anita Schober
16:00 – 17:00	Introduction to Synchrotron Radiation	Jean Susini (ESRF)

Tuesday, 8th July – Oral Sessions - ILL Chadwick Amphitheatre

09:00 – 10:00	X-ray Instrumentation	Ray Barrett (ESRF)
10:00 – 10:30	<i>Coffee Break</i>	
10:30 – 12:30	Visit of ESRF Source and X-ray Instrumentation	Jean Susini, Ray Barrett
12:30 – 14:00	<i>Lunch in the common Restaurant on site</i>	
14:00 – 15:00	Neutron Instrumentation	Eddy Lelievre-Berna (ILL)
15:00 – 16:30	Visit of Neutron Instrumentation	
16:30	Personal Study	

Wednesday, 9th July – Oral Sessions - ILL Chadwick Amphitheatre

09:00 – 10:00	Interaction of Neutrons with Matter (part 1)	Christian Vettier (ESRF)
10:00 – 10:30	<i>Coffee Break</i>	
10:30 – 11:30	Interaction of Neutrons with Matter (part 2)	Christian Vettier
11:30 – 13:00	<i>Lunch in the common Restaurant on site</i>	
13:15 – 13:45	PSS Safety Training for ESRF students	Beamline BM18
14:00 – 15:00	Interaction X-Ray Matter (part 1)	Luigi Paolasini (ESRF)
15:30 – 16:00	<i>Coffee Break</i>	
16:00 – 17:00	Interaction X-Ray Matter (part 2)	Luigi Paolasini
17:00	Personal Study	

Thursday, 10 th July – Laboratory Work	14:00 – 16:30 : Safety training for the ILL Students Chadwick Amphitheatre
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Friday, 11th July – Laboratory Work

Sunday, 13th July – Hiking in the Vercors with P. Bruno (*according to weather conditions & your registrations*)

Tuesday, 15th July – Oral morning session – ILL Chadwick Amphitheatre

09:00 – 10:00	Neutron Elastic Scattering	Laurent Chapon (ILL)
10:00 – 10:30	<i>Coffee Break</i>	
10:30 – 11:30	X-Ray Diffraction as a key to the Structure of Materials	Tobias Schulli (ESRF)
11:30 – 12:30	X-Ray Imaging	Alexander Rack (ESRF)
12:30 – 13:30	<i>Lunch in the common Restaurant on site</i>	
Afternoon	Laboratory Work	

Wednesday, 16th July – Laboratory Work

Thursday, 17th July – Oral morning session– ILL Chadwick Amphitheatre

09:00 – 10:00	Structural Biology at ESRF	Gordon Leonard (ESRF)
10:00 – 10:30	<i>Coffee Break</i>	
10:30 – 11:30	Neutron Time-of-Flight Spectroscopy	Andrew Wildes (ILL)
11:30 – 12:30	<i>Lunch in the common Restaurant on site</i>	
Afternoon	Laboratory Work	

Friday, 18th July – Laboratory Work

Sunday, 20th July – Accrobranche (Tree climbing) in Le Sappey en Chartreuse
(according to weather conditions & your registrations)

Monday, 21st July – Laboratory Work

Tuesday, 22nd July - Oral morning session - ILL Chadwick Amphitheatre

09:00 – 10:00	X-Ray Dichroism and Magnetism	Raffaella Torchio (ESRF)
10:00 – 10:30	<i>Coffee Break</i>	
10:30 – 11:30	Nuclear Physics at ILL	Michael Jentschel (ILL)
11:30 – 12:30	<i>Lunch in the common Restaurant on site</i>	
Afternoon	Laboratory Work	

Wednesday, 23rd July – Laboratory Work

Wednesday, 23rd July, 18:30 – 21:30 – BBQ at the “Chalet” on Site

Thursday, 24th July - Oral morning session - ILL Chadwick Amphitheatre

09:00 – 10:00	Inelastic X-Ray Scattering	Michael Krisch (ESRF)
10:00 – 10:30	<i>Coffee Break</i>	
10:30 – 11:30	Inelastic Neutron Scattering	Mechthild Enderle (ILL)
11:30 – 12:30	<i>Lunch in the common Restaurant on site</i>	
Afternoon	Laboratory Work	

Friday, 25th July – Laboratory Work

Monday, 28th July - Oral morning session - ILL Chadwick Amphitheatre

09:00 – 10:00	Soft Matter Studies with X-Rays	Narayanan Theyencheri (ESRF)
10:00 – 10:30	<i>Coffee Break</i>	
10:30 – 11:30	Soft Matter Studies with Neutrons	Giovanna Fragnetto (ILL)
11:30 – 12:30	<i>Lunch in the common Restaurant on site</i>	
Afternoon	Laboratory Work	

Tuesday, 29th July – Laboratory Work

Wednesday, 30th July - Oral morning session - ILL Chadwick Amphitheatre

09:00 – 10:00	Its not all junk DNA: Noncoding RNAs and Gene Expression Control	Ramesh Pillai (EMBL)
10:00 – 11:00	<i>EMBL Visit</i>	
11:30 – 12:30	<i>Lunch in the common Restaurant on site</i>	
Afternoon	Laboratory Work	

Thursday Morning, 31st July – Laboratory Work

Thursday, 31st July – Students' Workshop – Chadwick Amphitheatre

14:00 – 14:20	Supramolecular Electrostatic Self-Assembly of PAMAM and Organic Dyes	Alberto Ciarrocchi (Università di Pisa / ILL)
14:20 – 14:40	Conductive Polymers	Martí Gibert (Universitat Autònoma de Barcelona / ESRF)
14:40 – 15:00	The Preparation of a Protein Complex for Structural Studies using Small-Angle Neutron Scattering	Vittorio Ferrara (University of Catania / ILL)
15:00 – 15:20	Polymers and Viscosity at the ILL	Aritz Herrero Hernandez (Basque Country University / ILL)
15:20 – 15:40	Non-Equilibrium Aspects of Polyelectrolyte-Surfactant Films at the Air-Water Interface	Jutta Toscano (University College London / ILL)
15:40 – 16:00	<i>Coffee Break</i>	
16:00 – 16:20	Study of Ultra-Fast Processes of I₂ Relaxation after Laser Excitation	Guillaume Fleury Université Catholique de Louvain / ESRF)
16:20 – 16:40	Modelling Hydrogen Diffusion on Graphite Surfaces	Jack Law (University of Bath / ILL)
16:40 – 17:00	The Dynamics of Protein	John Charlton (University of Manchester / ILL)
17:00 – 17:20	V2 Gafchromic Film Characterisation for MRT Applications	Benjamin Gan (Imperial College London / ESRF)

Thursday, 31st July, 19:00 – Farewell Dinner in town at the restaurant “Au village”

Friday, 1st August – Students' Workshop - – Chadwick Amphitheatre

09:00 – 09:20	Phase Transition in NaFe(WO₂)₄	Petr Opletal (Charles University Prague / ILL)
09:20 – 09:40	Magnetic Excitations in NdFe₃(BO₃)₄	Mayank Singh (University of Mumbai / ILL)
09:40 – 10:00	Can SCBO be treated as a 2D Quantum Magnet?	Alejandro Uría Álvarez (Universidad de Oviedo / ILL)
10:00 – 10:20	A Comparison of the XMCD-Effect at Zr-L23 Edges in ZrFe₂ and ZrZn₂	Maximilian Kusch (Technische Universität Bergakademie Freiberg / ESRF)
10:20 – 10:40	<i>Coffee Break</i>	
10:40 – 11:00	Rheological Study of Fayalite at High Pressure and High Temperature	Damien Freitas (University Blaise Pascal / ESRF)
11:00 – 11:20	Energy Dispersive X-ray Absorption Spectroscopy	Caroline Ball (University College London / ESRF)
11:20 – 11:40	Production of Crystals for Serial Crystallography and Multicrystal Data Collection	Urszula Antczak (Jagiellonian University / ESRF)
11:40 – 12:15	Pair Distribution Function Technique (Structural Investigation of Bismuth and Gold Clusters)	Petra Erdely (Montanuniversität Leoben / ESRF) & Valérie Schwanen (University of Liège / ESRF)
12:15 – 12:30	Conclusions (Patrick Bruno & Paul Steffens)	
12:30 – 14:00	<i>Lunch in the common Restaurant on site</i>	
Afternoon	Laboratory Work & Administrative formalities	

Saturday, 2nd August: Departure