



X-Ray and Neutron Science

12th ESRF/ILL International Student Summer Programme

1th – 29th September 2026



Tuesday, 1st September – Arrival on site

18:00 – 20:00	Welcome reception & get together at the “Chalet”	Students, tutors, organisers
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Wednesday, 2nd September – Oral Sessions –

08:30 – 10:15	Administrative Formalities	ESRF students 8:30 ESRF –room 248a ILL students: 8:30 in ILL50 – 110-111
	ILL50 – room 110-111	
10:30 – 11:00	Welcome address and presentation of the ESRF	Michael Krisch (ESRF Research Director)
11:00	Coffee break	
11:15 – 11:45	Welcome address and presentation of the ILL	Ken Andersen (ILL Director General)
12:00 – 13:30	Lunch break (common restaurant on site)	
	ILL50 – room 110-111	
13:30 – 14:30	X-rays and their Interaction with Matter (part 1)	Luigi Paolasini (ESRF)
14:30	Coffee break	
14:45 – 15:30	X-rays and their Interaction with Matter (part 2)	Luigi Paolasini (ESRF)
15:45 – 17:15	Safety training for ESRF students (room BEL 1-02)	

Thursday, 3rd September – Oral Sessions – ILL50 – room 110-111

08:30 – 09:30	Neutrons and their Interaction with Matter (part 1)	Mark Johnson (ILL)
09:30	Coffee break	
10:00 – 11:00	Neutrons and their Interaction with Matter (part 2)	Mark Johnson (ILL)
	Lunch break	
14:00 – 15:00	Principles of Synchrotron Radiation	Kevin André (ESRF)
15:00	Coffee break	
15:30 – 16:30	Neutron production	Jacques Olivier (ILL)

Friday, 4th September – Oral Sessions – ILL50 – room 110-111

09:00 – 10:00	Synchrotron instrumentation	Thomas Roth (ESRF)
10:00	Coffee break	
10:30 – 11:30	Neutron instrumentation	Eddy Lelièvre-Berna (ILL)
	Lunch break	
13:30 – 17:00	Visit of ILL	Paul Steffens (ILL)

Monday, 7th September

13:30 – 17:00	Visit of ESRF	Kirstin Colvin ESRF
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Tuesday, 8th September – Laboratory work (project)

Wednesday, 9th September – Oral morning session – ILL50 – room 110-111

09:00 – 10:00	Neutron Diffraction	Oscar Fabelo Rosa (ILL)
10:00	<i>Coffee break</i>	
10:30 – 11:30	X-ray Diffraction and Diffuse Scattering	Artem Korshunov (ESRF)
Afternoon	Laboratory work (project)	

Thursday, 10th September – Laboratory work (project)

Friday, 11th September – Oral morning session – ILL50 – room 110-111

09:00 – 10:00	Synchrotron radiation and Structural Biology	Johannes Kamps (ESRF)
10:00	<i>Coffee break</i>	
10:30 – 11:30	Neutron Spectroscopy	David Tam
Afternoon	Laboratory work (project)	

Monday, 14th September – Laboratory work (project)

Tuesday, 15th September – Laboratory work (project)

Wednesday, 16th September – Oral morning session – ILL50 – room 110-111

09:00 – 10:00	2D and 3D Imaging at the Nano-Probe	Mateus Gruener Lima (ESRF)
10:00	<i>Coffee break</i>	
10:30 – 11:30	X-ray Studies under Extreme Conditions	Max Gerin (ESRF)
Afternoon	Laboratory work (project)	

Thursday, 17th September – Laboratory work (project)

Friday, 18th September – Oral morning session – ILL50 – room 110-111

09:00 – 10:00	Resonant Inelastic X-ray scattering	Giuseppe Buccoliero (ESRF) Marli Dos Reis Cantarino (ESRF)
10:00	<i>Coffee break</i>	
10:30 – 11:30	Soft Matter Studies with X-rays	Gabriel Sgarbiero Montanha & Julien Couturier (ESRF)
Afternoon	Laboratory work (project)	

Monday, 21nd September – Laboratory work (project)

Tuesday, 22rd September – Laboratory work (project)

Wednesday, 23th September – Oral morning session – ILL50 – room 110-111

09:00 – 10:00	Soft Matter Studies with Neutrons	Leonardo Chiappisi (ILL)
10:00	<i>Coffee break</i>	

10:30 – 11:30	Neutron Imaging	Markus Strobl (ILL)
Afternoon	Laboratory work (project)	

Thursday, 24th September – Laboratory work (project)

Friday, 25th September – Oral morning session – ILL50 – room 101

09:00 – 10:00	X-rays absorption spectroscopies	Vasyl Marchuk (ESRF)
10:00	<i>Coffee break</i>	
10:30 – 11:30	The atomic nucleus studied at a neutron facility	Caterina Michelagnoli (ILL)
Afternoon	Laboratory work (project)	

Monday, 28th September – Students' Workshop – ILL50 – room 110-111

Session 1: chair		
13:45 – 14:00	Welcome + Introduction	Paul Steffens (ILL)
14:00 – 15:15	Presentations part 1	
15:15-15:45	<i>Coffee break</i>	
Session 2: chair		
15:45 – 17:00	Presentations part 2	

Tuesday, 29th September – Students' Workshop – ILL50 – room 110-111

Session 3: chair		
09:00 – 10:15	Presentations part 3	
10:15-10:45	<i>Coffee break</i>	
Session 4: chair		
10:45 – 12:00	Presentations part 4	
12:00 – 12:15	Closing remarks	Luigi Paolasini (ESRF)
20:00	<i>Farewell dinner in town</i>	