

| Sunday, 1 <sup>st</sup> September 2019 – Arrival   |  |   |
|--|--|---|
| 18:00 – 21:00 Welcome Buffet & Get Together with Tutors in the ILL/ESRF Common restaurant (Guest room) |  |   |
| Monday, 2 <sup>nd</sup> September – Oral Sessions - ILL Chadwick Amphitheatre                          |  |   |
| 09:00-12:00  | Administrative formalities for the ESRF Students | Leila Van Yzendoorn (ESRF CB office 424)        |
|  | Lunch  | Common restaurant on site                       |
| 13:00-14:00  | Administrative formalities for the ILL Students  | Anita Schober (ILL4 - 51/52)                    |
| 14:00-15:00  | Welcome address and presentation of the ILL      | Mark Johnson (ILL Director of Science Division) |
| 15:00-15:30  | Coffee Break                                     |   |
| 15:30-16:30  | Welcome address and presentation of the ESRF     | Francesco SETTE (ESRF Director General)         |
| Tuesday, 3 <sup>rd</sup> September – Oral Sessions - ILL Chadwick Amphitheatre                         |  |   |
| 09:00-10:00  | Neutrons and their interaction with matter 1     | Mark Johnson (ILL)                              |
| 10:00-10:30  | Coffee break                                     |   |
| 10:30-11:30  | Neutron Production                               | Ulli Koester (ILL)                              |
|  | Lunch  | Common restaurant on site                       |
| 13:30-14:30  | Neutron instrumentation                          | Eddy Lelièvre-Berna (ILL)                       |
| 14:30-15:00  | Coffee Break                                     |   |
| 15:00-16:00  | Neutrons and their interaction with matter 2     | Mark Johnson                                    |
| Wednesday, 4 <sup>th</sup> September – Oral Sessions - ILL Chadwick Amphitheatre                       |  |   |
| 09:00-10:00  | X-rays and their interaction with matter 1       | Luigi Paolasini (ESRF)                          |
| 10:00-10:30  | Coffee break                                     |   |
| 10:30-11:30  | X-rays and their interaction with matter 2       | Luigi Paolasini                                 |
|  | Lunch  | Common restaurant on site                       |
| 14:00-15:00  | Principles of Synchrotron Radiation              | Nicola Carmignani (ESRF) (tbc)                  |
| 15:00-15:30  | Coffee Break                                     |   |
| 15:30-16:00  | X-ray Instrumentation                            | Raymond Barrett (ESRF)                          |
| Thursday, 5 <sup>th</sup> September - ILL 4 Room 121   |  |   |
| 08:30-12:00  | RP Formation for the ILL Students                |   |
| Friday, 6 <sup>th</sup> September – ILL 4 Room 121   |  |   |
| 09:00-11:00  | Safety training for the ILL Students             |   |
| Monday, 9 <sup>th</sup> September - Oral Sessions - ILL Chadwick Amphitheatre                          |  |   |
| 09:00-10:00  | Neutron diffraction                              | Juan Rodriguez-Carvajal (ILL)                   |
| 10:00-10:30  | Coffee break                                     |   |
| 10:30-12:00  | Visit of the ILL reactor                         |   |
| Wednesday, 11 <sup>th</sup> September - Oral Sessions - ILL Chadwick Amphitheatre                      |  |   |
| 09:00-10:00  | Inelastic Neutron scattering                     | Mechthild Enderle (ILL)                         |
| 10:00-10:30  | Coffee break                                     |   |
| 10:30-11:30  | Soft matter studies with neutrons                | Giovanna Fragneto (ILL)                         |
| Monday 16 <sup>th</sup> September - Oral Sessions - ILL Chadwick Amphitheatre                          |  |   |
| 09:00-10:00  | X-Ray Imaging                                    | Alexander Rack (ESRF)                           |
| 10:00-10:30  | Coffee break                                     |   |
| 10:30-11:30  | X-ray studies under extreme conditions           | Mohamed Mezouar (ESRF)                          |
| Wednesday 18 <sup>th</sup> September - Oral Sessions - ILL Chadwick Amphitheatre                       |  |   |
| 09:00-10:00  | X-Ray coherence                                  | Julio Cesar Da Silva (ESRF)                     |
| 10:00-10:30  | Coffee break                                     |   |
| 10:30-11:30  | Neutron spectroscopy                             | Andrew Wildes (ILL)                             |

### Thursday 19<sup>th</sup> September - Oral Sessions - ILL Chadwick Amphitheatre

|             |  |               |
|-------------|--|---------------|
| 17:00-18:00 | Chadwick, Meitner, and the history of Neutrons | Gerard Lander |
| 18:00-20:00 | Barbecue                                       | Chalet ESRF   |

### Friday 20<sup>th</sup> September - Oral Sessions - ILL Chadwick Amphitheatre

|             |  |                              |
|-------------|--|------------------------------|
| 09:00-10:00 | Soft matter studies with x-Rays              | Narayanan Theyencheri (ESRF) |
| 10:00-10:30 | Coffee break                                 |                              |
| 10:30-11:30 | Synchrotron Radiation and structural biology | Gordon Leonard (ESRF)        |

### Tuesday 24<sup>th</sup> September - Oral Sessions - ILL Chadwick Amphitheatre

|             |                               |                             |
|-------------|-------------------------------|-----------------------------|
| 09:00-10:00 | Nuclear & Particle Physics    | Oliver Zimmer (ILL)         |
| 10:00-10:30 | Coffee break                  |                             |
| 10:30-11:30 | Magnetism and X-ray dichroism | Andrej Rogalev (ESRF) (tbc) |

### Thursday 26<sup>th</sup> September - Students' workshop - ESRF Amphitheatre

|             |                      |  |
|-------------|----------------------|--|
| 14:00-15:30 | Presentations part 1 |  |
| 15:30-16:00 | Coffee Break         |  |
| 16:00-17:00 | Presentations part 2 |  |

### Friday 27<sup>th</sup> September - Students' workshop - ESRF Amphitheatre

|             |                      |                               |
|-------------|----------------------|-------------------------------|
| 09:00-10:00 | Presentations part 3 |                               |
| 10:00-10:30 | Coffee Break         |                               |
| 10:30-12:00 | Presentations part 4 |                               |
| 20:00       | Farewell Dinner      | Restaurant du Téléphérique 02 |

### Saturday, 28<sup>th</sup> September 2019 – Departure