



SYNERGIES WITH PORTUGAL

18-19 JULY 2019 - TECNOLÓGICO E NUCLEAR CAMPUS, LISBOA

The Institut Laue Langevin (ILL) is a world leading facility in neutron science & technology due to its long track record of cutting-edge instrumentation and outstanding experimental support including, for example, sample environment, deuterium labelling and state-of-the-art software for data analysis.

Within the frame of the European project FILL2030, the ILL aims to identify emerging user groups and refine its services for an evolving user community. The landscape of neutron sources is also changing with the closure of major national facilities. FILL2030 therefore opens new neutron perspectives for the European research and innovation community, leading up to the full operation of the European Spallation Source (ESS).

In collaboration with the **Platform for Nanotechnology and Materials of Instituto Superior Técnico (IST-NM)**, the ILL is organising a workshop to inform the Portuguese scientific community about current and future opportunities for research using neutrons and to identify the main points of interests of the Portuguese community.

18 JULY: WELCOMING LUNCH | PORTUGUESE PRESENTATIONS | DINER

19 JULY: ILL PRESENTATIONS | DISCUSSIONS | CLOSING LUNCH

The ILL delegation:

- ▶ **Mark Johnson:** ILL Director, Head of the Science Division, General ILL presentation
- ▶ **Maria Theresa Fernández-Díaz:** Leader of the Diffraction Group Neutron Diffraction [chemistry and magnetism]
- ▶ **Isabelle Grillo:** D33 instrument responsible Small Angle Neutron Scattering (SANS) [soft matter]
- ▶ **Monica Jimenez Ruiz:** IN1 TAS/Lagrange instrument responsible Inelastic Neutron Scattering (INS) [chemistry & catalysis]
- ▶ **Armando Maestro:** Figaro instrument co-responsible Reflectometry [soft matter & biology]
- ▶ **Tobias Weber:** IN20 instrument co-responsible Inelastic Neutron Scattering (INS) [phonons and magnetism]
- ▶ **Ulli Köster:** PN1 instrument responsible & Radioisotope production Radioisotopes for medicine and science, neutron activation, gamma spectroscopy, emission channeling [nuclear & particle physics]
- ▶ **Stephanie Monfront:** Communication and event manager for FILL2030 Opportunities offered by the EU H2020 project

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