

Programme

Monday, January 27th, 2025

SOLEIL Auditorium - Main Building

- 09:00 - 10:00 *Registration & coffee*
- 10:00 - 10:10 Welcome / Introduction, S2UO Chair – **Amélie BORDAGE**
- 10:10 - 10:50 The word of SOLEIL General Director – **Jean SUSINI**
- 10:50 - 11:35 **PLENARY TALK** – Cultural Heritage
Jose TAPIA – Lab-BC UAR3506 CNRS-C2RMF-Chimie ParisTech PSL, Paris, France
“Chemical characterization using a combination of in-situ, laboratory and Synchrotron-based technics of prehistoric coloring matter from the Franco-Cantabrian region. From Font-de-Gaume to Altamira.”
- 11:35 - 12:05 **Marine VERSEILS** – Synchrotron SOLEIL – AILES Beamline, France
“High pressure in SOLEIL: tools and science”
- 12:05 – 12:30 **AFURS / ESUO / S2UO / PRC (PRC4 Erwan)**
- 12:30 - 13:45 *Lunch*
- 14:00 – 15:45 **Parallel sessions** – 5 different rooms
- *Biology and Health*
 - *Diluted matter*
 - *Geosciences / Environment / Cultural Heritage*
 - *Chemistry & Soft Matter (Characterization of structure and properties of chemical materials, reactivity, catalysis, chemical surfaces and interfaces / Soft matter)*
 - *Physics & Advanced Materials (Structural, electronic and magnetic properties of matter / Physical surfaces and interfaces)*
- 15:45 - 16:15 *Coffee break*
- 16:15 - 18:00 **Parallel sessions** – 5 different rooms
- *Biology and health*
 - *Diluted matter*
 - *Geosciences / Environment / Cultural Heritage*
 - *Chemistry & Soft Matter (Characterization of structure and properties of chemical materials, reactivity, catalysis, chemical surfaces and interfaces / Soft matter)*
 - *Physics & Advanced Materials (Structural, electronic and magnetic properties of matter / Physical surfaces and interfaces)*
- 18:00 - 20:00 Posters session / Commercial Exhibitors / Aperitif
- 20:00 - 21:30 *Award of the best student poster / Dinner*

Programme

Tuesday, January 28th, 2025

SOLEIL Auditorium - Main Building

- Parallel sessions** on technic / methodology
- X-ray Absorption Spectroscopy (soft / tender / Hard X-ray)
 - Imaging / Microscopy / Tomography
 - Photoelectron Spectroscopies
 - Diffraction & Scattering / Coherence
- 9:00 - 10:00
- Network for Students & Postdocs**
- 10:00 – 10:30 *Coffee break – Cafeteria Space*
- 10:30 – 11:15 **PLENARY TALK** – Electronic and magnetic properties of matter
Federico MAZZOLA – *University Ca'Foscari - Venice, Italy*
Probing chiral phases in quantum matter.
- 11:15 -12:30 **ROUND TABLE** – “Experimental environments at SOLEIL: status, on-going projects, our dreams for SOLEIL 2” (Amélie Bordage, Charlotte Catrouillet, Valérie Briois, Denis Menut, Stéphanie Blanchandin ?)
- 12:30 - 13:45 *Lunch*
- 14:00 - 15:00 Visit of 3 Beamlines (PLEIADES / ROCK / SWING)
- Satellite 1** – The last developments of FASTOSH
Gautier LANDROT – *Synchrotron SOLEIL (SAMBA beamline) - Pav. Accueil*
- 14:00 - 17:00 **Satellite 2** – The new CryoEM
Paloma FERNANDEZ-VARELA, Pierre Legrand, Eric Larquet, Heddy SOUFARI –
S2UO – Amphi SOLEIL
- Tutorial** – Surface diffraction - Data treatment and analysis
Fabien CHEYNIS, Alessandro COATI, Andrea RESTA, Alina VLAD, Yves GARREAU – *S2UO*