

## Monday 05th February – Day 1 / SOLEIL Auditorium - Main Building

- 09:00 - 09:35 ***Come together***
- 09:35 - 09:50 ***Welcome from SOLEIL scientific director***  
*Jean SUSINI, SOLEIL*
- 09:50 – 10:05 ***Welcome and Introduction from the workshop committee***
- 10:05 - 10:50 ***Status of IAXO and BabyIAXO***  
*Dr Jaime RUZ*
- 10:50 - 11:15 *Coffee break*
- 11:15 - 12:00 ***X-ray cameras for future space applications***  
*Dr Aline MEURIS*
- 12:00 - 12:45 ***X-ray detectors and imaging for nuclear medicine***  
*Dr Miho KATSURAGAWA*
- 12:45 - 14:00 *Lunch at SOLEIL restaurant*
- 14:00 - 17:15** ***Session 2 - Detection of rare events with DALPS technologies***
- 14:00 – 14:25 ***Developments of Micromegas detectors for the BabyIAXO experiment***  
*Dr Ana QUINTANA*
- 14:25 – 14:50 ***GridPix detector developments for BabyIAXO***  
*Dr Johanna VON OY*
- 14:50 – 15:15 ***Pulsed, compact, low-background X-ray generator***  
*Dr Laura SEGUI*
- 15:15 – 15:40 ***Metallic Magnetic Calorimeters developments for BabyIAXO***  
*Dr Andreas FLEISCHMANN*
- 15:40 – 16:00 *Coffee break*
- 16:00 – 16:25 ***A low background setup for the background study of MMC X-ray detectors for BabyIAXO/IAXO - Dr Martin LOIDL***
- 16:25 – 16:50 ***DALPS low temperature TES bolometers for Axion rare event detection***  
*Dr Stefanos MARNIEROS*
- 16:50 – 17:15 ***Towards low-background silicon drift detectors for IAXO***  
*Dr Christoph WIESINGER*
- 17:15 – 19:00 **Poster session**
- 19:00 – 21:00 **Diner at SOLEIL restaurant**

## Tuesday 06<sup>th</sup> February – Day 2 / SOLEIL Auditorium - Main Building

### 09:00 – 10:45 **Session 3 - Spatial Applications**

09:00 – 09:20 **CdTe and CdZnTe detectors for Hard X-ray imaging spectroscopy**  
Dr Olivier LIMOUSIN

09:20 – 10:00 **Xrism, Athena issue and technology in X micro-calorimetry**  
Dr Jean Luc SAUVAGEOT

10:00 – 10:20 **SDD for eXTP space mission**  
Dr Francesco CERAUDO

10:20 – 10:40 **Commercial CMOS sensors for soft X-ray astronomy**  
Dr Benjamin SCHNEIDER

10:45 - 11:05 Coffee break

### 11:05 - 11:45 **Session 4 - Medical Applications**

11:05 – 11:25 **Microstrip detector for online monitoring during synchrotron microbeam radiation therapy** - Dr Jayde LIVINGSTONE

11:25 – 11:45 **X-ray detectors with ultrahigh sensitivity based on high performance printed Organic Field Effect Transistors** - Dr Laura BASIRICO

11:45 - 12:50 **General presentation of SOLEIL and beamline visits**  
SOLEIL Communication group

12:50 – 14:00 Lunch at SOLEIL restaurant

### 14:00 - 15:00 **Session 5 - Industrial Applications**

14:00 – 14:20 **X-ray detector performance at MIRION**  
Dr Michael GINSZ

14:20 - 14:40 **X-ray fluorescence measurements for Pu accountancy in Spent Nuclear Fuel using hard X-ray reflective optics** - Dr Jaime RUZ

14:40 - 15:00 **High-Rate X-ray Spectrometers based on Monolithic Silicon Drift Detectors Arrays**  
Dr Giacomo TICCHI

15:00 - 15:20 Coffee break

### 15:20 - 16:40 **Session 6 - X-ray Facilities**

15:20 – 15:40 **Spectroscopy with solid state energy resolved X-ray detectors at SOLEIL: finding the needles in the haystack** - Dr Emiliano FONDA

15:40 - 16:00 **Integrating-pixel detectors development at SPring-8 and SACLA**  
Dr Fabienne ORSINI

16:00 - 16:20 **The PANTER long beam X-ray Test Facility**  
Dr Vadim BURWITZ

16:20 – 16:40 **Absolute calibration of monochromatic photons fluxes. Application to the efficiency calibration of detectors** - Dr Marie-Christine LEPY