

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 06th 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