

Session Program

May 15 - 20, 2022



LEAPS

League of European
Accelerator-based
Photon Sources

LEAPS meets Quantum Technology

POSTER SESSION 2 - Cheese and wine

Hotel Hermitage, La Biodola Bay, Elba Island, Italy
Biodola Bay 57037 Portoferraio (LI) Isola d'Elba - Italy

Tue, May 17

6:50 PM

POSTER SESSION 2 - Cheese and wine

Session |

Location: Hotel Hermitage, La Biodola Bay, Elba Island, Italy, Biodola Bay 57037 Portoferraio (LI) Isola d'Elba - Italy

6:50 - 8:00 PM

The SXP instrument at the European XFEL, a novel tool to investigate quantum materials

Speaker

Manuel Izquierdo

6:50 - 8:00 PM

The pump-probe laser infrastructure of the SXP instrument at the European XFEL

Speaker

Patrik Grychtol

6:50 - 8:00 PM

Imaging band structure of novel quantum materials by ARPES

Speaker

Lukasz Plucinski

6:50 - 8:00 PM

Magnetic field optimization for HTS Staggered Array Undulator samples

Speaker

Xiaoyang Liang

6:50 - 8:00 PM

Instrumentation for experiments in quantum materials at ALBA XMCD&XRMS beamline BOREAS, present status and vision

Speaker

Manuel Valvidares

6:50 - 8:00 PM

The NFFA-SPRINT user facility for ultrafast photoelectron spectroscopy in the 17-31 eV photon energy range based on a coherent narrowband light source up to 200KHz repetition rate*

Speaker

Mr Pietro Carrara

6:50 - 8:00 PM

LOREA: the ARPES beamline at ALBA for quantum materials

Speaker

Massimo Tallarida

6:50 - 8:00 PM

The Training Catalogue for Photon and Neutron Data Services

Speaker

Oliver Knodel

6:50 - 8:00 PM

The NFFA-APE integrated platform for growth and all-resolved synchrotron radiation spectroscopy studies on quantum materials

Speaker

Ivana Vobornik

6:50 – 8:00 PM

Nano focused synchrotron radiation for the thorough characterization of avalanche photodiodes and quantum well detectors with engineered band gap based on III-V semiconductors**Speaker**

Gianoncelli Alessandra

6:50 – 8:00 PM

SAM-APDs based on quantum-engineered semiconductors for X-ray detection**Speaker**

Dr Giorgio Biasiol

6:50 – 8:00 PM

Sensing quantum materials with X-ray nano diffraction: Beamline ID01 of the new Extremely Brilliant Source of the ESRF**Speaker**

Tobias Schulli

6:50 – 8:00 PM

Time resolved optical and Raman spectroscopy under ultra-high vacuum conditions: a novel apparatus for pump-probe multi-messenger investigations**Speaker**

Pietro Carrara

6:50 – 8:00 PM

Emergent quantum states visualized by the cutting-edge ARPES instruments at BESSY II**Speaker**

Rui Lou

6:50 – 8:00 PM

Inertial spin dynamics in epitaxial cobalt films**Speaker**

Dr Vivek Unikandanunni

6:50 – 8:00 PM

Mammalian rhodopsin dynamics using an X-ray free electron laser.**Speaker**

Gebhard F.X. Schertler

6:50 – 8:00 PM

Quantum Computing for Optimization Problems in Synchrotron Radiation Facilities**Speaker**

George Kourousias

6:50 – 8:00 PM

The spatio-temporal coherence and x-ray wavefront investigation at the European XFEL**Speaker**

Mikako Makita

8:20 PM