

High Precision X-Ray Measurements 2023

Monday, 19 June 2023

X-ray applications in various fields: 1 - Aula Salvini (15:00 - 16:00)

-Conveners: Oton Vazquez Doce

time	[id] title	presenter
15:00	[51] Controlling protein orientation in gas phase using strong electric fields	DE SANTIS, Emiliano
15:40	[79] Muonic X-rays for cultural heritage: technique overview and developments	CATALDO, Matteo

X-ray applications in various fields: 1 - Aula Salvini (16:30 - 17:40)

-Conveners: Oton Vazquez Doce

time	[id] title	presenter
16:30	[89] Reverse X-ray Photoemission Spectroscopy with LIXS	BLEINER, Davide
17:00	[68] Fluorescence and Raman micro-spectroscopy of LiF films containing radiation-induced defects for X-ray detection	Dr BONFIGLI, Francesca
17:20	[99] X-ray imaging using compact light sources - Part I	CIPICCIA, Silvia

Wednesday, 21 June 2023

X-ray applications in various fields: 2 - Aula Salvini (14:50 - 16:10)

-Conveners: Davide Bleiner

time	[id] title	presenter
14:50	[50] X-ray imaging using compact light sources - Part II	CIPICCIA, Silvia
15:30	[41] Influence of solution parameters on the XRD studies and optical constant of CeO ₂ films	DEMIROGLU, Arsen
15:50	[97] An advanced X-ray spectromicroscopy of Bi ₂ Se ₃ ultrathin films on SiO ₂ /Si substrates	AZIZINIA, Maryam

Friday, 23 June 2023

X-ray applications in various fields: 3 - Aula Salvini (11:40 - 13:20)

-Conveners: Fabrizio Napolitano

time	[id] title	presenter
11:40	[96] Detectors for beam monitoring and dosimetry at ultra-high dose rates for FLASH Radiotherapy	ROMANO, Francesco
12:20	[63] Design and use of portable X-ray fluorescence devices for the analysis of heritage materials	DONGHIA, Raffaella
12:40	[86] Comparison of different methods for evaluating quantitative XRF data in copper-based artefacts	Dr KONSTANTAKOPOULOU, Eleni
13:00	[65] Investigating Metals' Content and Oxidation States in Edible Liquids using XRF Analysis with VOXES X-ray Spectrometer	MANTI, Simone