

ICMM SYNCHROTRON RADIATION SCHOOL

Agenda

14 and 21 May 2024

ICMM-CSIC – Madrid

10:30 – 13:00 How to apply for a beamtime

2 – 6 September 2024

BM25-SpLine/ICMM at the ESRF (Grenoble-France)

2 Sept 2024 – Basic concepts

9:30 – 10:15	X-ray generation and production of synchrotron radiation
10:15 – 11:00	Introduction to synchrotron radiation
11:00 – 11:30	<i>Break</i>
11:30 – 12:15	X-ray Optics
12:15 – 13:00	Detectors and sample environment
14:00 – 15:30	BM25-SpLine visit
15:30 – 17:00	ESRF visit

3 Sept 2024 – Thin film X-ray Diffraction

9:30 – 11:00	Tutorial
11:00 – 11:30	<i>Break</i>
11:30 – 13:00	Practical
14:00 – 17:00	Students hands-on exercise
17:00 – 9:30 (06/09)	Data acquisition with student's samples

4 Sept 2024 – High Resolution X-ray Powder Diffraction

9:30 – 11:00	Tutorial
11:00 – 11:30	<i>Break</i>
11:30 – 13:00	Practical
14:00 – 17:00	Students hands-on exercise
17:00 – 9:30 (07/09)	Data acquisition with student's samples

5 Sept 2024 – X-ray Absorption Spectroscopy

9:30 – 11:00	Tutorial
11:00 – 11:30	<i>Break</i>
11:30 – 13:00	Practical
14:00 – 17:00	Students hands-on exercise
17:00 – 9:30 (08/09)	Data acquisition with student's samples

6 Sept 2024 – Hard X-ray Photoelectron Spectroscopy

9:30 – 11:00	Tutorial
11:00 – 11:30	<i>Break</i>
11:30 – 13:00	Practical
14:00 – 17:00	Students hands-on exercise
17:00 – 9:30 (09/09)	Data acquisition with student's samples