

IAEA training workshop on synchrotron technologies and techniques and their applications

The lectures and Q&A sessions will take place in the training room



21/10/2024	Monday	22/10/2024	Tuesday	23/10/2024	Wednesday	24/10/2024	Thursday	25/10/2024	Friday	
9:00 - 9:15	Welcome	L. Vaccari								
9:15 - 9:45	Introduction	A. Migliori	9:00 - 10:00	XAS theory	G. Agostini					
9:45 - 10:45	Students' presentations		10:00 - 11:00	XRF theory	A. Migliori	9:00 - 12:00	Hands on the XAFS and XRF beamlines (G1 XAFS; G2 XRF)	9:00 - 12:00	Hands on the MCX beamline and proposal writing (G1 MCX; G2 proposal)	
10:45 - 11:15	Coffee break		11:00 - 11:30	Coffee break						
11:15 - 12:15	Radiation-matter interaction	I. Carlomagno	11:30 - 12:15	XRD applications	J. Plaisier					
12:15 - 14:00	Lunch		12:15 - 14:00	Lunch		12:00 - 14:00	Lunch		12:00 - 14:00	Lunch
14:00 - 15:00	Synchrotron Radiation	G. Aquilanti	14:00 - 14:30	XAS applications	M. Li	14:00 - 17:00	Hands on the XAFS and XRF beamlines (G1 XRF; G2 XAFS)	14:00 - 17:00	Hands on the MCX beamline and proposal writing (G1 proposal; G2 MCX)	
15:00 - 15:45	Beamlines	M. Polentarutti	14:30 - 15:00	XRF applications	P. Kasprzyk					
15:45 - 16:15	Coffee break		15:00 - 15:30	How to write a good proposal	I. Carlomagno					
16:15 - 17:15	XRD theory	L. Gigli	15:30 - 16:00	Coffee break						
			16:00 - 16:30	Microstructural analysis of milk teeth - individual life histories through SR-XRF	S. Lemmers				14:00 - 14:15	farewell
20:00	Social dinner @ Pri Lipi Restaurant									