

# Summer Students Lectures 2022

from Tuesday, July 19, 2022 (9:00 AM) to Friday, August 26, 2022 (5:00 PM)

Monday, July 18, 2022	Tuesday, July 19, 2022	Wednesday, July 20, 2022	Thursday, July 21, 2022	Friday, July 22, 2022	Saturday, July 23, 2022	Sunday, July 24, 2022
	<p>10:00 AM Welcome Session</p> <p>2:10 PM Library Introduction</p> <p>2:30 PM Safety Instructions</p>	<p>9:30 AM Introduction 1</p>	<p>9:30 AM Introductions 2</p>	<p>9:30 AM Introductions 3</p>		
Monday, July 25, 2022	Tuesday, July 26, 2022	Wednesday, July 27, 2022	Thursday, July 28, 2022	Friday, July 29, 2022	Saturday, July 30, 2022	Sunday, July 31, 2022
<p>9:15 AM Fundamentals of X-Ray Matter Interaction 1</p> <p>10:15 AM Break</p> <p>10:30 AM Accelerator Physics 1</p> <p>2:00 PM Fundamentals of X-Ray Matter Interaction 2</p>	<p>9:15 AM Fundamentals of X-Ray Matter Interaction 3</p> <p>10:15 AM Break</p> <p>10:30 AM Director's Welcome</p> <p>10:45 AM Accelerator Physics 2</p>	<p>10:00 AM X-ray Spectroscopy of Quantum Materials</p>	<p>10:30 AM Dark Matter / Axionen / ALPS</p>			
Monday, August 1, 2022	Tuesday, August 2, 2022	Wednesday, August 3, 2022	Thursday, August 4, 2022	Friday, August 5, 2022	Saturday, August 6, 2022	Sunday, August 7, 2022
<p>10:00 AM Atoms in intense light fields</p> <p>10:30 AM HEP Theory 1</p>	<p>10:00 AM Polyatomic systems at high x-ray intensity</p> <p>10:30 AM HEP Theory 2</p>	<p>10:00 AM Lasers and Ultrafast Optics 1</p>	<p>10:00 AM X-Ray Physics and Nanoscience</p>	<p>10:00 AM Lasers and Ultrafast Optics 2</p>		
Monday, August 8, 2022	Tuesday, August 9, 2022	Wednesday, August 10, 2022	Thursday, August 11, 2022	Friday, August 12, 2022	Saturday, August 13, 2022	Sunday, August 14, 2022
	<p>9:30 AM Detectors 1</p> <p>10:00 AM X-Ray Nano-Analytics and Microscopy: Part 1</p>	<p>9:30 AM Detectors 2</p> <p>10:00 AM X-Ray Nano-Analytics and Microscopy: Part 2</p>		<p>10:00 AM Photon-based characterization of functional and biomaterials</p>		
Monday, August 15, 2022	Tuesday, August 16, 2022	Wednesday, August 17, 2022	Thursday, August 18, 2022	Friday, August 19, 2022	Saturday, August 20, 2022	Sunday, August 21, 2022
<p>10:30 AM LHC Physics 1</p>	<p>10:00 AM Molecular Science: Part 1</p> <p>10:30 AM LHC Physics 2</p>	<p>10:00 AM Molecular Science: Part 2</p>	<p>10:00 AM Characterization of Light</p>	<p>10:30 AM QCD 1</p>		
Monday, August 22, 2022	Tuesday, August 23, 2022	Wednesday, August 24, 2022	Thursday, August 25, 2022	Friday, August 26, 2022		
<p>10:30 AM QCD 2</p>	<p>9:15 AM Reciprocal space and principles of diffraction: Part 1</p> <p>10:30 AM Flavour Physics</p>	<p>10:00 AM Reciprocal space and principles of diffraction: Part 2</p> <p>10:30 AM Future Accelerators</p>	<p>10:30 AM Plasma Wakefield Acceleration</p>	<p>10:30 AM Astroparticle Physics</p>		