

Program for the CAS - Basics of Accelerator Physics and Technology, 10-14 March 2025

	Mon 10	Tue 11	Wed 12	Thu 13	Fri 14
08:00	Registration+Coffee	Coffee			
08:30	Welcome Speech				
08:45	Accelerators for Beginners and the CERN Complex <i>Steerenberg</i>	Cryogenics <i>Koettig</i>	Particle Sources <i>Küchler</i>	Injection and Extraction <i>Arrutia</i>	Plasma Wakefield Acceleration + AWAKE <i>Gschwendtner</i>
09:45	Coffee				
10:15	Basic Mathematics and Units <i>Steerenberg</i>	Transverse Beam Dynamics II <i>Holzer</i>	Linacs <i>Lombardi</i>	Vacuum Systems <i>Baglin</i>	HL-LHC <i>Zerlauth</i>
11:20	Electromagnetic Theory <i>Shreyber</i>	Longitudinal Beam Dynamics I <i>Tecker</i>	RF Systems <i>Damerau</i>	Linear Imperfections <i>Wenninger</i>	Standard Model and Beyond <i>Sphicas</i>
12:20	Lunch				
13:55	Relativity for Accelerators <i>Shreyber</i>	Transverse Beam Dynamics III <i>Holzer</i>	Beam Instrumentation <i>Lefevre</i>	Controls <i>Deghaye</i>	Future Linear Colliders <i>Stapnes</i>
14:55	Coffee				
15:25	Transverse Beam Dynamics I <i>Holzer</i>	Longitudinal Beam Dynamics II <i>Tecker</i>	Superconducting Magnets <i>Todesco</i>	Collective effects <i>Buffat</i>	Future Circular Colliders <i>Burnet</i>
16:30	Normal Conducting & Permanent Magnets <i>Bauche</i>	Discussion	Discussion	Discussion	Discussion
17:30	Welcome drink				