

Program for the CAS@ESI - Basics of Accelerator Physics and Technology - Archamps, 25-29 June 2018					
	Mon 25	Tue 26	Wed 27	Thu 28	Fri 29
08:30	Coffee				
09:00	Accelerators for Beginners and the CERN Complex Steerenberg	Transverse Beam Dynamics I Holzer	Longitudinal Beam Dynamics II Tecker	Injection, Extraction and Beam Transfer Forte	Machine Protection Zerlauth
10:00	Pause				
10:15	Basic Mathematics and Units Steerenberg	Longitudinal Beam Dynamics I Tecker	Beam Instrumentation Schmickler	Luminosity and Beam-Beam at the LHC Pieloni	Collective effects Cornelis
11:15	Coffee				
11:45	Electromagnetic Theory Herr	Standard Model and Beyond Sphicas	Transverse Beam Dynamics III Holzer	Kickers, Septa and Protection Elements Kramer	Vacuum Systems Baglin
12:45	Lunch				
14:00	Relativity Herr	Transverse Beam Dynamics II Holzer	Linacs Lombardi	Discussion	Discussion
15:00	Particle Sources Scrivens	Discussion	Discussion	Cryogenics Claudet	CLIC Schmickler
16:00	Coffee				
16:30	Warm Magnets De Rijk	RF Systems Tecker	Linear Imperfections Wenninger	Superconducting Magnets Schoerling	LHC upgrades and Future Circular Colliders Benedikt
17:30					
Chair	Hermann	Hermann	Hermann	Hermann	Hermann
Reserve	Werner	Werner	Werner	Werner	Werner