

DRAFT PROGRAMME FOR BASICS OF ACCELERATOR PHYSICS AND
TECHNOLOGY (CAS@ESI)
25-29 June, 2018, Archamps, France

	Monday 25 June	Tuesday 26 June	Wednesday 27 June	Thursday 28 June	Friday 29 June
08:30	COFFEE	COFFEE	COFFEE	COFFEE	COFFEE
09:00	Accelerators for Beginners and the CERN Complex	Transverse Beam Dynamics I	Longitudinal Beam Dynamics II	Injection and Extraction	Machine Protection
10:00	R. Steerenberg	B. Holzer	F. Tecker	V. Forte	M. Zerlauth
	PAUSE	PAUSE	PAUSE	PAUSE	PAUSE
10:15	Basic Mathematics and Units	Longitudinal Beam Dynamics I	Beam Instrumentation	Luminosity and Beam-Beam at the LHC	Collective Effects
11:15	R. Steerenberg	F. Tecker	H. Schmickler	T. Pieloni	K. Cornelis
	COFFEE	COFFEE	COFFEE	COFFEE	COFFEE
11:45	Electromagnetic Theory	Standard Model and Beyond	Transverse Beam Dynamics III	Kickers and Septa and Beam Transfer	Vacuum Systems
12:45	W. Herr	P. Sphicas	B. Holzer	T. Kramer	V. Baglin
	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH
14:00	Relativity	Transverse Beam Dynamics II	Linacs	Discussion Session	Discussion Session
15:00	W. Herr	B. Holzer	A. Lombardi		
15:00	Particle Sources	Discussion Session	Discussion Session	Cryogenics	CLIC
16:00	R. Scrivens			T. Koettig	H. Schmickler
	COFFEE	COFFEE	COFFEE	COFFEE	COFFEE
16:30	Warm Magnets	RF Systems	Linear Imperfections	Superconducting Magnets	LHC Upgrades and Future Circular Colliders
	G. de Rijk	F. Tecker	J. Wenninger	D. Schoerling	M. Benedikt