

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					
	PAUSE	PAUSE	PAUSE	PAUSE	PAUSE
10:15	Basic Mathematics and Units	Magnets	Beam Instrumentation	Power Converters for Particle Accelerator	Collective Effects
11:15					
	COFFEE	COFFEE	COFFEE	COFFEE	COFFEE
11:45	Electromagnetic Theory	Longitudinal Beam Dynamics I	Transverse Beam Dynamics III	Kickers and Septa and Beam Transfer	Vacuum Systems
12:45					
	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH
14:00	Relativity	Transverse Beam Dynamics II	Linacs	Discussion Session	Discussion Session
15:00					
15:00	Particle Sources	Discussion Session	Discussion Session	Cryogenics	CLIC
16:00					
	COFFEE	COFFEE	COFFEE	COFFEE	COFFEE
16:30	The Standard Model and Beyond	RF Systems	Linear Imperfections	Luminosity and Beam- Beam at the LHC	LHC Upgrades and Future Circular Colliders