

Basics of Accelerator Science and Technology at CERN

3 – 7 February, 2014

Chavannes de Bogis, VD, Switzerland

	Monday 3 February	Tuesday 4 February	Wednesday 5 February	Thursday 6 February	Friday 7 February
08:30	Coffee	Coffee	Coffee	Coffee	Coffee
09:00	Welcome	Transverse	Longitudinal	Injection and	Collective
09:10	R. Bailey	Beam	Beam	Extraction	Effects
09:10	Accelerators for Beginners	Dynamics I	Dynamics II		
10:00	R. Steerenberg	B. Holzer	F. Tecker	W. Bartmann	G. Rumolo
10:00	Overview of the CERN Complex	Magnets	Sources	Beam Transfer	Luminosity at LHC
11:00	R. Alemany- Fernandez	P. Fessia	R. Scrivens	V. Kain	G. Papotti
	Coffee	Coffee	Coffee	Coffee	Coffee
11:30	Basic Mathematics and Units	Longitudinal Beam Dynamics I	Transverse Beam Dynamics III	Kickers and Septa	Beam-Beam Effects at LHC
12:30	R. Steerenberg	F. Tecker	B. Holzer	M. Barnes	T. Pieloni
	Lunch	Lunch	Lunch	Lunch	Lunch
14:00	E.M. Theory	Cryogenics	RF Systems	Linacs	Machine Protection
15:00	W. Herr	S. Claudet	E. Jensen	M. Vretenar	J. Wenninger
15:00	Standard Model and Beyond	Transverse Beam Dynamics II	Longitudinal Beam Dynamics III	Vacuum Systems	Collimation
16:00	P. Sphicas	B. Holzer	F. Tecker	V. Baglin	S. Redaelli
	Tea	Tea	Tea	Tea	Tea
16:30	Relativity	Power Converters	Linear Imperfections	Beam Instrumentation	Exploitation of LHC and Future Circular Colliders
17:30	W. Herr	J.P. Burnet	R. Tomas	U. Raich	F. Bordry