

DRAFT PROGRAMME FOR BEAM INJECTION, EXTRACTION AND TRANSFER SCHOOL
Erice, Sicily, 10-19 March, 2017

Time	Friday 10 March	Saturday 11 March	Sunday 12 March	Monday 13 March	Tuesday 14 March	Wednesday 15 March	Thursday 16 March	Friday 17 March	Saturday 18 March	Sunday 19 March	
09:00	A R R I V E L D A Y	Opening Talks	Overview of Injection & Extraction Techniques	Timing, Synchronisation & Longitudinal Aspects I	Kicker Magnets I	E X C U R S I O N	Emittance Preservation	Beam Instrumentation	Transfer Line Design, Matching and Design Tools II	D E P A R T A Y	
09:50			B. Goddard	H. Damerau	M. Barnes		V. Kain	P. Forck	W. Bartmann		
10:00		Review of Transverse Beam Dynamics I	Injection: Electron Beams	Magnets and Special Magnets	Kicker Magnets II		Septa I	Secondary and Radioactive Beams	Exotic Injection and Extraction Methods		
10:50		B. Holzer	M. Aiba	C. Muehle	M. Barnes		M. Paraliiev	H. Weick	B. Goddard		
11:00		COFFEE	COFFEE	COFFEE	COFFEE		COFFEE	COFFEE	COFFEE		
11:30		Review of Longitudinal Beam Dynamics	Injection: Hadron Beams	Timing, Synchronisation & Longitudinal Aspects II	Single and Multi-Turn Extraction		Septa II	Low Energy Beam Transport	Transfer Line Design, Matching and Design Tools III		
12:20		F. Tecker	C. Bracco	H. Damerau	M. Fraser		M. Paraliiev	R. Baartman	W. Bartmann		
12:30		LUNCH	LUNCH	LUNCH	LUNCH		LUNCH	LUNCH	LUNCH		
14:30		Review of Transverse Beam Dynamics II	Phase Space Painting and H-Stripping Injection		Resonant Extraction		Optics Measurement Techniques for Transfer Lines I	Transfer Line Design, Matching and Design Tools I	Seminar Injection into a Trap		
15:20		B. Holzer	B. Goddard	F R E E	P. Bryant		P. Forck	W. Bartmann	F. Herfurth		
15:30		Particle Interactions with Matter	Introduction to Case Study		Seminar Extraction Techniques for Medical Beams		Optics Measurement Techniques for Transfer Lines II	Machine Protection and Activation	Case Study Presentations		
16:20		A. Lechner		A F T E R N O N	P. Bryant		P. Forck	A. Nordt			
16:30		TEA	TEA		TEA		TEA	TEA	TEA		
17:00		Recap. of Electromagnetism	Injection and Extraction in Cyclotrons		Case Study		Case Study	Case Study Preparation	Case Study Presentation		
17:50		U. Van Rienen	M. Seidel		Case Study		Case Study	Case Study Preparation	Outlook: Physics beyond the Standard Model		
18:00		Recap. Of Relativity and Space Charge	Case Study								
18:50		M. Ferrario									
20:00		DINNER	DINNER	DINNER	DINNER		DINNER	DINNER	Special Dinner		DINNER