

JOINT US-CERN SCHOOL IN CONJUNCTION WITH SEVILLE UNIVERSITY AND THE TAU-CHARM GROUP
FRONTIERS OF PARTICLE BEAMS, FACTORIES WITH e^+e^- RINGS
 Benalmadena, Spain, 29 October to 4 November, 1992

Time	Thursday 29th October	Friday 30th October	Saturday 31st October	Sunday 1st Nov.	Monday 2nd November	Tuesday 3rd November	Wednesday 4th November	
09.00	Physics motivation for factories	Lattice and interaction region design for B-factories	Overall τ -c-factory design	E X C U R S I O N	Lattice and interaction region design for ϕ -factories	Lattice and interaction region design for Z-factories	Linear collider factories for Z_0 & heavier particles	
09.45	A. De Rujula	A. Garren	C. Willmott		C. Pellegrini	E. Keil	G. Guignard	
09.45	Basic collider physics	Short bunches I	Short bunches II		Multi-bunch instabilities	Feedback	Overall ϕ -factory design	
10.30	D.L. Rubin	P. Morton	J.M. Wang		F. Pedersen	F. Pedersen	C. Biscari	
Coffee					Coffee			
11.00	How to reach high luminosity	RF design (fundamental mode)	RF design (higher-order modes)		Vacuum aspects	Linac Ring Option	Overall B-factory design	
11.45	Y. Baconnier	P. Wilson	E. Haebel		N. Mistry	P. Grosse Wiesmann	M.S. Zisman	
11.45	Injection	Beam-beam interaction I	Beam-beam interaction II		Ion trapping and clearing	Background and shielding	Coaches to Airport	
12.30	J. LeDuff	R. Siemann	R. Siemann		A. Poncet	R. Ehrlich		
Midday Break					Midday Break			
16.00	Tutorials on High Luminosity	Tutorials on Beam - Beam Interaction			Steps on the path to high luminosity	Lattice and interaction region design for τ -c factories		
17.00					L. Rivkin	J. Jowett		
Tea					Tea			
17.30	<u>Seminar</u> B-Factories in Japan	<u>Seminar</u> Detectors for ϕ , τ and B			<u>Round Table</u> How far off is 10^{35} ?	<u>Seminar</u> Factories Worldwide (US view)		
18.45	S. Kurokawa	J. Kirkby			M. Witherell			
19.00	Welcome Cocktail							
20.00	Evening Meal					Banquet		
22.00		Flamenco Evening						