

JOINT US-CERN SCHOOL ON PARTICLE ACCELERATORS
FRONTIERS OF PARTICLE BEAMS, OBSERVATION, DIAGNOSIS AND CORRECTION

Time	Thursday 20th October	Friday 21st October	Saturday 22nd October	Monday 24th October	Tuesday 25th October	Wednesday 26th October	
08.30	Introductory Talk H. Grunder	Overview for single particle parameters III R. Talman	Transverse Betatron Tune Measurement M. Serio	Measurement of Longitudinal Parameters S. Krinsky	Polarisation M. Placidi	Signal Analysis D. Boussard	
09.15	B R E A K			B R E A K			
09.25	Overview for single particle parameters I R. Talman	Closed orbit Correction J.-P. Koutchouk	Betatron Coupling L. Teng	Experimental Study of Resonances L. Evans	Measurement of Luminosity and Absolute Energy R.P. Johnson	Measurement of Emittance A. Dragt	
10.10	C O F F E E			C O F F E E			
10.30	Overview for single particle parameters II R. Talman	Electro- magnetic detectors G. Lambertson	Intercepting Monitors R. Jung	Diagnostics with Synchro- tron light G. Dattoli	Diagnostics with Schottky noise S. van der Meer	Closing Talk G. Voss	
11.15	B R E A K			B R E A K			
11.25	Physical pheno- mena used in Beam Observation A. Hofmann	Overview of collective effects III R. Ruth	Landau Damping & Beam Trans- fer Function J.M. Wang	Cures for Instabilities I R.-D. Kohaupt	Cures for Instabilities II		
12.10	L U N C H			L U N C H			
16.00	Overview of collective effects I R. Ruth	Beam Mode Observation Fl. Pedersen	FREE AFTERNOON	Wakefields and Measurement of Machine Impedance I II L. Palumbo			
16.45	T E A			T E A			
17.15	Overview for collective effects II R. Ruth	Seminar Monitoring in Future e ⁺ e ⁻ colliders R.A. Erickson		Seminar Experimental Particle Tracking R. Talman	Seminar Measurements on Non-planar Orbits D. Ritson		
18.00							
18.30	Welcome Cocktail	Folkloric Evening			Banquet		