

TENTATIVE PROGRAMME FOR THE JOINT ACCELERATOR SCHOOL COURSE

Radio Frequency Engineering for Particle Accelerators Japan, 9-18 September 1996.

Time	Monday 9 Sept.	Tuesday 10 Sept.	Wednesday 11 Sept.	Thursday 12 Sept.	Friday 13 Sept.	Saturday 14 Sept.	Sunday 15 Sept.	Monday 16 Sept.	Tuesday 17 Sept.	
8:30	Intro.to microwave electronics R.G.Carter	Cavity with ports,Qe Y.Y.Lau	Beam-cavity interaction M.Karlinear	Wakefield I: Funda- mentals E.Colby	Wakefield II: in TW & SW structures E.Haebel	Wakefield III: Other sources Y.Chin	Windows, high-power transmission H.Matsumoto	Posters (morning)	Practical exercises & hands-on training at KEK (all day)	To airport
9:15	I.M.E. II: Equivalent circuits K.Takata	I.M.E. III: Networks, 3dB couplers W.Pirkl	Klystron I: Guns, perveance R.G.Carter	Klystron II: Bunching, space-charge B.Carlsten	Klystron III: Simulation S.Isakawa	Other RF power sources G.Kurkin	Ferrite- loaded cavities II M.Brennan			
C O F F E E										
10:45	M.E.III: Modes in cavities J.Rosenzweig	Slater's perturbation theorem Y.Yamazaki	Structure I: Standing wave E.Kozyrev	Structure II: Travelling wave J.Corlett	Structure III: Fabrication, conditioning T.Higo	Modulators, pulsed power S.Humphries	Design for system stability D.Boussard	Lab.visit (all day) HIMAC or RIKEN		
11:30	Cavity design programs E.Nelson	Superconduct- ing cavities W.Weingarten	Pulse compression I.Syrychev	Ferrite- loaded cavities I S.Ninomiya	Structure IV: Surface fields J.Wang	High gradients in S/C cavities C.Reece	Check-out, pick-up, box lunch Travel to KEK			
11:45	L U N C H			Excursion to Kamakura	Low-level RF and feedback E.Ezura , R.Garoby	Low-level RF and feedback cont'd.				
14:30					Microwave measurements F.Caspers , J.Byrd , & asst.	Microwave measurements cont'd.				
14:30					Electron linear accelerators T.Shintake , D.Whittum	Electron linear accelerators cont'd.				
14:30					Beam measurements & dynamics A.Hofmann , G.Jackson	Beam measurements cont'd.				
14:30	C O F F E E				C O F F E E					
17:00	Story of the RFQ A.Schempp	History of developmeut of linear colliders V.Balakin	History of EM Wave Engineering in Japan J.Nishizawa		Acceleration beyond conventional RF J.Simpson	Round table on the future of acc. labs. N.Dikansky others				
18:15	D I N N E R									
	COCKTAIL/ STUDY HALL	CONCERT/ STUDY HALL	MOVIE/ STUDY HALL		CONCERT/ STUDY HALL	BANQUET			RECEPTION	