

Draft program for Joint US-CERN-Japan-Russia International Accelerator School 2017 -RF Technologies-

Oct. 16-26, Hayama, Japan

October	16	17	18	19	20	21	22	23	24	25	26
	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu
8:40	Arrival Registration	Introduction	Basic concepts <sup>2</sup>	Cavity 1 NC electron linac	Beam diagnostics	Cavity 2 NC electron ring	Cavity 3 NC proton, ion, RFQ	Cavity 4 SRF 1GHz<	Cavity 5 SRF low-beta	Going to KEK, Tokai	Vist at KEK, Tsukuba
10:10		K. Takayama	T. Higo	H. Ego	T. Obina	S. Sakanaka	O. Kamigaito	E. Kako	E. Kako		
		Coffee	Coffee	Coffee	Coffee	Coffee	Coffee	Coffee	Coffee		
10:30		RF theory	Klystron	RF measurements	Manufacturing Techniques	Electric discharge	LLRF 1	LLRF 2	Simulation tool		
12:00		T. Higo	S. Fukuda	M. Wendt	Y. Higashi	Y. Saito	F. Qiu	Z. Fang	Z. Li		
		Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch
13:30		Q&A	Q&A	Q&A	Open time	Q&A	Q&A	Q&A	Q&A	Vist at KEK, Tokai	Departure
14:30		Coffee	Coffee	Coffee		Coffee	Coffee	Coffee	Coffee		
14:50		Basic concepts <sup>1</sup>	Klystron power supply	Waveguide system		Window, Load	Deflecting cavity	Preparation of presentation	Oral presentations by students 1		
16:20		T. Higo	M. Akemoto	S. Kazakov		Y. Saito	R. Calaga	Coffee	Coffee		
		Coffee	Coffee	Coffee		Coffee	Coffee	Coffee	Coffee		
16:40	Euro-XFEL, ILC,LCLS II	LHC	Pulse compression	NC Linac	Medical Applications	Preparation of presentation	Oral presentations by students 2	Going to KEK, Tsukuba			
17:40	M. Ross	P. Lebrun	J. Wang	M. Boland	A. Degiovanni						
18:00	Buffet Dinner	Dinner	Dinner	Dinner	Dinner	Dinner	Dinner	Dinner	Special Dinner	Dinner	