KEK-TRIUMF Workshop on "Ultra Slow Muons" Program

Date: March 8-9th, 2012
Venue: NRC Institute for Fuel Cell Innovation, 4250 Wesbrook Mall, Vancouver

Thursday March 8th

Welcome		
9:00-9:10	Welcome address	R. Krücken
9:10-9:20	Introduction of IMSS-KEK	O. Shimomura
Session 1		
9:20-9:55	Low Energy Muon Facility at PSI	T. Prokscha
10:00-10:35	KEK Ultra Slow Muon Facility: an Overview	Y. Miyake
	Coffee break	
10:50-11:15	Primary Muon Source: U-Line	Y. Miyake
11:20-11:40	Production of Muonium in Vacuum	G. Marshall
11:45-12:05	Application of ultra-slow muons to g–2/EDM measurements	T. Mibe
12:10-13:00	Lunch	
Session 2		
13:00-13:25	Extraction and polarization of ultra slow muons	Y. Miyake
13:30-13:55	Mu ionization Laser system	Y. Miyake
14:00-14:25	TRIUMF Laser ion source	J. Lassen
14:30-15:00	Low energy ion transport at TRIUMF	R. Baartman
	Coffee Break	
15:30-15:55	Ultra slow muon transport and beam characteristics	P. Strasser
16:00-16:25	Polarized hydrogen ion sources and possible applications to muons	P. Levy
16:30-17:30	Discussion (Mu^- production, μ^+ production, using solid noble gas moderators)	
18:30-21:00	Dinner, Brock House Restaurant, 3875 Point Grey Road, Vancouver B.C. V6R 1B3	

Friday March 9th

Session 3

9:00-9:25	Complementary use of USM and ß-NMR	W.A. MacFarlane
9:30-9:55	Plans for µSR spectrometers for ultra slow muons	W. Higemoto
	Coffee Break	
10:30- 10:55	LEM spectrometers at PSI	T. Prokscha
11:00-11:25	ß -NMR Spectrometers at TRIUMF	G. Morris
11:30-12:00	Data acquisition, analysis and user base	K. M. Kojima
12:00-13:00	Lunch	

Session 4

13:00-14:30	Discussion (HV platforms, cryostats, load locks, RF-µSR)	
14:30-15:00	Conclusions	R. Kadono and R. Kiefl

End of Workshop