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December 2020

Mon Dec 7	8:30am - 9:10am	Opening section
	9:10am - 9:20am	Break
	9:20am - 10:40am	Student self-introduction
	3:00pm - 4:30pm	Neutrino physics- Introduction and first 50 years (Yuichi Oyama (KEK))
	4:30pm - 4:40pm	Break
	4:40pm - 5:10pm	Group project assignment   
Tue Dec 8	8:30am - 9:40am	Q&A/ Group Working   
	9:40am - 10:40am	Neutrino Interaction (Nguyen T. H. Van (IOP,VAST))
	3:00pm - 4:00pm	Standard Model and Neutrinos (Ranjan Laha (IISc))
	4:00pm - 4:10pm	Break
	4:10pm - 5:10pm	Experimental neutrino physics in a nutshell (Son Cao (KEK))
Wed Dec 9	8:30am - 9:40am	Q&A / Group Working   
	9:40am - 11:10am	From Kamiokande to K2K (I) (Yuichi Oyama (KEK))
	3:00pm - 4:00pm	Neutrino phenomenology (I) (Patrick Aurenche (Annecy))
	4:00pm - 4:10pm	Break
	4:10pm - 5:10pm	Neutrino phenomenology (II) (Patrick Aurenche (Annecy))
Thu Dec 10	8:30am - 10:00am	From Kamiokande to K2K (Yuichi Oyama (KEK))
	10:00am - 10:10am	Break
	10:10am - 10:40am	Q&A / Group working   
	3:00pm - 4:00pm	Neutrino Phenomenology (III) (Patrick Aurenche (Annecy))
	4:00pm - 4:10pm	Break
	4:10pm - 5:10pm	Neutrino Phenomenology (III) (Patrick Aurenche (Annecy))
Fri Dec 11	8:30am - 9:30am	Particle Radiation Detectors (I) (Karol Lang (Univ. of Texas at Austin))
	9:30am - 9:40am	Break
	9:40am - 10:40am	Particle Radiation Detectors (II) (Karol Lang (Univ. of Texas at Austin))
	3:00pm - 4:00pm	T2K experiment (Atsumu Suzuki (Kobe Univ.))
	4:00pm - 4:10pm	Break
	4:10pm - 5:10pm	T2K near detectors (Tsunayuki Matsubara (KEK/J-PARC))
	5:10pm - 5:40pm	Q&A / Group working   
Sat Dec 12	8:30am - 9:30am	Super-Kamiokande detector (Makoto Miura (ICRR, Tokyo))
	9:30am - 9:40am	Break
	9:40am - 11:10am	SK software training (Makoto Miura (ICRR, Tokyo))
Mon Dec 14	8:30am - 9:30am	Detector simulation & GEANT4 basic (Nam Tran (Boston Univ.))
	9:30am - 9:40am	Break
	9:40am - 10:40am	GEANT4 simulation demonstration (T. Kikawa (Kyoto Univ.))
	3:00pm - 4:00pm	Leptogenesis and CP violation (Jessica Turner (Durham Univ.))
	4:00pm - 4:10pm	Break

	4:10pm - 5:10pm	Neutrino event generator software training (Nguyen T. H. Van (IOP, VAST))
Tue Dec 15	8:30am - 9:30am	How to make and monitor a neutrino beam (Megan Friend (KEK))
	9:30am - 9:40am	Break
	9:40am - 10:40am	Reactor neutrino experiments (Tsunayuki Matsubara (KEK/J-PARC))
	3:00pm - 4:00pm	Supernova neutrino (Ranjan Laha (CERN))
	4:00pm - 4:10pm	Break
	4:10pm - 5:10pm	Multi-pixel Photon Counter demonstration    (Son Cao (KEK))
Wed Dec 16	8:30am - 9:30am	Future neutrino experiments (Atsumu Suzuki (Kobe Univ.))
	9:30am - 9:40am	Break
	9:40am - 10:40am	Hyper-Kamiokande (Makoto Miura (ICRR, Tokyo))
	3:00pm - 4:20pm	Solar neutrino experiments (Yuichi Oyama (KEK/J-PARC))
	4:20pm - 4:30pm	Break
	4:30pm - 5:30pm	Q&A / group working   
Thu Dec 17	8:30am - 9:30am	High energy neutrino astronomy (Shigeo Kimura (Tohoku U.))
	9:30am - 9:40am	Break
	9:40am - 10:40am	High energy neutrino astronomy (Shigeo Kimura (Tohoku U.))
	3:00pm - 4:00pm	Neutrinoless double beta decay (Takashi Iida (Univ. of Tsukuba))
	4:00pm - 4:10pm	Break
	4:10pm - 5:10pm	Q&A / group working   
Fri Dec 18	8:30am - 9:30am	Group presentation (Students)
	9:30am - 9:40am	Break
	9:40am - 10:40am	Group Presentation (student)
	10:40am - 11:00am	Conclusion remark    (Tsuyoshi Nakaya (Kyoto Univ.))