

Aug 29 - Sep 11, 2021




## August 2021




Mon Aug 30	9:00am - 10:00am	<b>Welcome address</b> (Yuichi Oyama and others)
	10:00am - 11:30am	<b>Neutrino physics - Introduction and first 50 years</b> (Yuichi Oyama (KEK/J-PARC, JP))
	12:00pm - 1:20pm	<b>Break</b>
	1:30pm - 5:00pm	<b>Student self-introduction</b> (All type-2 students)

Tue Aug 31	8:30am - 10:00am	<b>Standard Model and Neutrino 1/2</b> (Nhung Dao (IFIRSE, VN))
	10:20am - 11:50am	<b>From Kamioka to K2K 1/2</b> (Yuichi Oyama (KEK/J-PARC, JP))
	12:00pm - 1:20pm	<b>Break</b>
	1:30pm - 3:00pm	<b>Experimental Neutrino Physics concepts in a nutshell</b> (Son Cao (IFIRSE, VN))
	3:00pm - 5:00pm	<b>Exercise, Q&amp;A</b>




## September 2021




Wed Sep 1	8:30am - 10:00am	<b>Standard Model and Neutrino 2/2</b> (Nhung Dao (IFIRSE, VN))
	10:20am - 11:50am	<b>From Kamioka to K2K 2/2</b> (Yuichi Oyama (KEK/J-PARC, JP))
	12:00pm - 1:20pm	<b>Break</b>
	1:30pm - 3:00pm	<b>Neutrino Interaction</b> (Van Nguyen T. H. (IOP, VAST, VN))
	3:00pm - 5:00pm	<b>Exercise, Q&amp;A</b>

Thu Sep 2	8:30am - 10:00am	<b>Neutrino Phenomenology 1/3</b> (Boris Kayser (Fermilab, US))
	10:20am - 11:50am	<b>T2K Experiment</b> (Atsumu Suzuki (Kobe Univ., JP))
	12:00pm - 1:20pm	<b>Break</b>
	1:30pm - 5:00pm	<b>Neutrino Event Generation</b>    (Van Nguyen T. H. (IOP, VAST, VN))

Fri Sep 3	8:30am - 10:00am	<b>Neutrino Phenomenology 2/3</b> (Boris Kayser (Fermilab, US))
	10:20am - 11:50am	<b>Super-K/ Hyper-K detector</b> (Makoto Miura (ICRR, Univ. of Tokyo, JP))
	12:00pm - 1:20pm	<b>Break</b>
	1:30pm - 5:00pm	<b>SK event display</b>    (Makoto Miura (ICRR, Univ. of Tokyo, JP))

Sat Sep 4	8:30am - 10:00am	<b>Neutrino Phenomenology 3/3</b> (Boris Kayser (Fermilab, US))
	10:20am - 11:50am	<b>Supernova neutrino</b> (Ranjan Laha (IIS, IN))
	12:00pm - 5:00pm	<b>Holiday</b>

Mon Sep 6	8:30am - 10:00am	<b>Particle and radiation detector 1/2</b> (Karol Lang (The Univ. of Texas at Austin, US))
	10:20am - 11:50am	<b>T2K Near Detector and Upgrade</b> (Tsunayuki Matsubara (KEK/J-PARC, JP))
	12:00pm - 1:20pm	<b>Break</b>
	1:30pm - 3:00pm	<b>Reactor Neutrino Experiments</b> (Anatael Cabrera (IJCLab and LNCA))
	3:15pm - 5:00pm	<b>Photosensor, scintillator demonstration</b>    (Son Cao (IFIRSE, VN))

Tue Sep 7	8:30am - 10:00am	<b>Particle and radiation detector 2/2</b> (Karol Lang (The Univ. of Texas at Austin, US))
	10:20am - 11:50am	<b>High Energy Neutrino Astronomy</b> (Shigeo Kimura (Tohoku Univ., JP))
	12:00pm - 1:20pm	<b>Break</b>
	1:30pm - 5:00pm	<b>Detector simulation with GEANT4</b>    (Tatsuya Kikawa (Kyoto Univ., JP))

Wed Sep 8	8:30am - 10:00am	<b>Solar Neutrino Experiments</b> (Yuichi Oyama (KEK/J-PARC, JP))
	10:20am - 11:50am	<b>Phenomenology of Light Sterile Neutrinos</b> (Sanjib Kumar Agarwalla (IOPB, IN))
	12:00pm - 1:20pm	<b>Break</b>
	1:30pm - 5:00pm	<b>Students prepare for final presentation</b>

Thu Sep 9	8:30am - 10:00am	<b>Future Neutrino Experiments</b> (Atsumu Suzuki (Kobe Univ., JP ))
	10:20am - 11:50am	<b>Students' final presentation</b>
	12:00pm - 1:20pm	<b>Break</b>
	1:30pm - 5:00pm	<b>Students' final presentation</b>
	5:10pm - 5:45pm	<b>Conclusion remark</b> (Tsuyoshi Nakaya (Kyoto Univ., JP))