










Jul 17 - 30, 2023

## Week 29: Jul 16, 2023 - Jul 22, 2023

Mon Jul 17	8:00am - 8:20am	Bus from hotel to ICISE
	8:30am - 8:45am	Welcome from ICISE/IFIRSE
	8:45am - 9:00am	Welcome address (Nakaya (Kyoto Univ.) - Chair)
	9:00am - 9:15am	Workshop photo
	9:15am - 10:00am	Neutrinos and Proton Decay in Grand Unified Theories (Natsumi Nagata (U.Tokyo))
	10:00am - 10:30am	Coffee break
	10:30am - 11:00am	Latest neutrino oscillation results from T2K and NOvA (Jianrun Hu (Kyoto Univ.))
	11:00am - 11:30am	Latest results of neutrino oscillation measurements from Super-Kamiokande (Hide-Kazu TANAKA (ICRR, Tokyo))
	11:30am - 12:00pm	Latest neutrino oscillation results and prospect from IceCube (Shiqi Yu (MSU))
	12:00pm - 1:30pm	Lunch
	1:30pm - 2:00pm	Hyper-K status and prospects with neutrino oscillation measurements (Tsuyoshi Nakaya (Kyoto Univ.))
	2:00pm - 2:45pm	Complementary between Hyper-K and DUNE to complete the 3-flavor PMNS picture and beyond    (Osamu Yasuda (TMU))
	2:45pm - 3:00pm	Constraint to the CPT violation with neutrino oscillation experiments    (Ngoc Tran (IFIRSE, ICISE))
	3:00pm - 3:30pm	Coffee break
	3:30pm - 4:00pm	JUNO status and prospect (Yongpeng Zhang (IHEP, CN))
	4:00pm - 4:45pm	Topical Discussion (1): When shall we expect to discover neutrino CP violation? 2030? What is the important subject to be developed from today to the discovery time.
	6:00pm - 6:45pm	Dinner in ICISE center and bus back to hotel
	6:45pm - 7:15pm	Bus back to hotel
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Tue Jul 18	8:00am - 8:20am	Bus from hotel to ICISE
	8:30am - 9:00am	(Online) Non-Standard physics at NOvA and T2K (Mario A. Acero (Universidad Del Atlntico))
	9:00am - 9:30am	Latest results on sterile neutrino search and prospects with Fermilab SBN program (Miquel Nebot-Guinot (U. Edinburgh))
	9:30am - 10:00am	The status of JSNS2 and JSNS2-II (ChangDong Shin (KEK))
	10:00am - 10:30am	Coffee break
	10:30am - 11:15am	Present Status and Future Prospects of a eV-Scale Sterile Neutrino    (Sanjib Agarwalla (IOP Bhubaneswar and U. Wisconsin))

11:15am - 12:15pm	<b>Topical Discussion (2): Will SBN and JSNS2 have the conclusive results by when? What will be important for sterile neutrinos search?</b>
12:15pm - 1:30pm	Lunch
1:30pm - 2:15pm	<b>(Online) Neutrino flavour models</b> (Arsenii Titov)
2:15pm - 3:00pm	<b>Lorentz and CPT violation search with on-going and future neutrino experiments</b> (Alba Domi (ECAP))
3:00pm - 3:30pm	Coffee break
3:30pm - 4:00pm	<b>The tau-neutrino oscillation measurements at Super-Kamiokande detector and future prospects</b> (Magdalena Posiadala-Zezula (U. Warsaw))
4:00pm - 4:15pm	<b>Revisit the octant ambiguity and resolvability of the leptonic mixing angle <math>\theta_{23}</math></b> ☐ ■ ■ (Son Cao (IFIRSE, ICISE))
4:15pm - 4:45pm	Fruit party on beach
6:00pm - 7:15pm	Dinner in town & bus back to hotel

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Wed Jul 19	8:00am - 8:20am	Bus from hotel to ICISE
	8:30am - 9:00am	<b>(Online) Testing unitarity of the leptonic mixing matrix</b> ☐ ■ ■ (Peter Denton (BNL))
	9:00am - 9:30am	<b>Neutrino oscillation prospects with ESSnuSB</b> (Budimir Kliček (Ruder Boskovic Inst.))
	9:30am - 10:00am	<b>FASER Neutrino Results and Future Prospects</b> (Daiki Hayakawa (Chiba Univ.))
	10:00am - 10:30am	Coffee break
	10:30am - 11:15am	<b>Neutrinos and leptogenesis</b> (Tetsuo Shindou (Kogakuin Univ.))
	11:15am - 12:00pm	<b>Topical discussion (3): Methodologies and experimental inputs for the unitarity test</b>
	12:00pm - 1:30pm	Lunch
	1:30pm - 2:45pm	<b>(Online) presentations by young physicists</b>
	2:45pm - 3:00pm	<b>Concluding remarks</b> (Tsuyoshi Nakaya (Kyoto Univ.))
	3:00pm - 7:15pm	Coffee break and workshop end at 15:30. Bus back to hotel or taxi to the airport