

First Week

Version 20230713

2023

	July 17 (Mon)	July 18 (Tue)	July 19 (Wed)	July 20 (Thu)	July 21 (Fri)	July 22 (Sat)	July 23 (Sun)
8:00 - 9:00							
9:00 - 10:00			opening session 8:30- 9:30	B 2/2 Nhung Dao 8:30 - 10:00	F 1/1 Cao 8:30-10:00	H 1/1 Domi 8:30-10:00	
10:00 - 11:00			Introduction 1 9:30-10:00				
11:00 - 12:00			A 1/1 Oyama 10:20 -11:50	C 1/2 Nakaya 10:20 -11:50	D 2/2 Agarwalla 10:20 -11:50	I 1/1 Miura 10:20 -11:50	
12:00 - 13:00			Lunch	Lunch	Lunch	Lunch	
13:00 - 14:00			B 1/2 Nhung Dao 13:20 - 14:50	D 1/2 Agarwalla 13:20 -14:50	C 2/2 Nakaya 13:20 -14:50	Software Training (SK) 13:20-	
14:00 - 15:00							
15:00 - 16:00			Introduction 2 15:10-18:00	E 1/1 Huang 15:10 -16:40	G 1/1 Huang 15:10 -16:40		
16:00 - 17:00							
17:00 - 18:00				Exercise 16:50 - 17:30	Exercise 16:50 - 17:30		
18:00 - 19:00							

- A** Yuichi Oyama (KEK/J-PARC) Neutrino physics - Introduction and first 50 years -
- B** Nhung Dao (Phenikaa Univ., Hanoi) Standard model and neutrinos
- C** Tsuyoshi Nakaya (Kyoto) Particle and radiation detector
- D** Sanjib Agarwalla (IOP Bhubanesaw and UW-Madison) Neutrino Phenomenology
- E** Junting Huang (INPAC, Shanghai Jiao Tong Univ.) Reactor neutrino experiments
- F** Son Cao (IFIRSE) Experimental neutrino physics concepts in a nutshell
- G** Junting Huang (INPAC, Shanghai Jiao Tong Univ.) double beta-decay experiments
- H** Alba Domi (ECAP) Neutrino Astronomy
- I** Makoto Miura (ICRR, Tokyo) Super-Kamiokande detector

Introduction 1	Son Cao	About Vietnam neutrino group	10 minutes
	Ngoc and/or Quyen	Research/daily life in Quy Nhon	20 minutes
Introduction 2	Students	Self Introductions	5 mins x 25?

Second Week

2023

	July 24 (Mon)	July 25 (Tue)	July 26 (Wed)	July 27 (Thu)	July 28 (Fri)	July 29 (Sat)	July 30 (Sun)
8:00 - 9:00	J 1/2 Oyama	J 2/2 Oyama	M 1/2 Fujii	M 2/2 Fujii	Software Training (GLOBES) 8:30 - 11:20		
9:00 -10:00	8:30-10:00	8:30-10:00	8:30 -10:00	8:30 -10:00			
10:00 -11:00	K 1/1 Miura	L 1/1 Suzuki	N 1/1 Nguyen V.	O 1/1 Oyama	Lunch		
11:00 -12:00	10:20 -11:50	10:20-11:50	10:20-11:50	10:20-11:50			
12:00 -13:00	Lunch	Lunch	Lunch	Lunch	Student presentation and concluding remarks 12:30-16:00		
13:00 -14:00	Hardware Training and Exercise 13:20-	Hardware Training and Exercise 13:20-	Excursion 13:00 -	P 1/1 Suzuki			
14:00 -15:00				13:20-14:50			
15:00 -16:00				Preparation for the student presentation	bus to the airport to be in time for 18:45 flight		
16:00 -17:00							
17:00 -18:00							
18:00 -19:00			Banquet				

J Yuichi Oyama (KEK)

K Makoto Miura (ICRR, Tokyo)

L Atsumu Suzuki (Kobe)

M Yoshiaki Fujii (KEK)

N Van Nguyen (IOP-VAST)

O Yuichi Oyama (KEK)

P Atsumu Suzuki (Kobe)

From Kamiokande to K2K

Hyper-Kamiokande and nucleon decay

T2K experiment

Detector components of large high energy experiments

Neutrino interactions

Solar neutrino experiments

Future neutrino experiments