First Week

Version 20250709

2025

	July 14 (Mon)	July 15 (Tue)	July 16 (Wed)	July 17 (Thu)	July 18 (Fri)	July 19 (Sat)	July 20 (Sun)
8:00 - 9:00			opening session 8:30- 9:30	C 1/2 Oyama 8:30 -10:00	C 2/2 Oyama 8:30 -10:00	F 1/1 Miura 8:30-10:00	
9:00 - 10:00			Introduction 1 9:30-10:00				
10:00 - 11:00			A 1/1 Oyama 10:20 -11:50	B 2/2 Nguyen 10:20 -11:50	E 1/1 Son Cao 10:20 -11:50	G 1/2 Agarwalla 10:20-11:50	
11:00 - 12:00							
12:00 - 13:00			Lunch	Lunch	Lunch	Lunch	
13:00 - 14:00			B 1/2 Nguyen 13:20 -14:50	D 1/1 Son Cao 13:20 -14:50	Hardware Training and Exercise 13:20 -	Software Training (Particle ID) Miura 13:20 - 16:00	
14:00 - 15:00							
15:00 - 16:00			Introduction 2 and Orientation for Exercise/ Hardware Training 15:10-	Hardware Training and Exercise 15:10 -		Bus will leave around 16:00.	
16:00 - 17:00							
17:00 - 18:00							
18:00 - 19:00							

A	**Yuichi Oyama (KEK/J-PARC)**	**Neutrino physics - Introduction and first 50 years -**
B	**Van Nguyen (IOP-VAST)**	**Standard model and neutrinos**
C	**Yuichi Oyama (KEK/J-PARC)**	**From Kamiokande to K2K**
D	**Son Cao (IFIRSE)**	**Experimental neutrino physics concepts in a nutshell**
E	**Son Cao (IFIRSE)**	**Particle radiation detector**
F	**Makoto Miura (ICRR, Tokyo)**	**Super-Kamiokande detector**
G	**Sanjib Agarwalla (IOP Bhubanesaw and UW-Madison)**	**Neutrino Phenomenology**

Introduction 1	**Son Cao and Quyen**	**About Vietnam neutrino group**	30 minutes
Introduction 2	**Students**	**Self Introductions**	5 mins x 25

Second Week

2025

	July 21 (Mon)	July 22 (Tue)	July 23 (Wed)	July 24 (Thu)	July 25 (Fri)	July 26 (Sat)	July 27 (Sun)
8:00 - 9:00							
9:00 -10:00	H 1/1 Nakaya 8:30 -10:00	J 1/1 Suzuki 8:30 -10:00	M 1/1 Surukuchi 8:30 - 9:30	P 1/1 Morton-Blake 8:30 - 9:30	T 1/1 Garcia 8:30 -10:00		
10:00 -11:00	G 2/2 Agarwalla 10:20-11:50	K 1/1 Oyama 10:20-11:50	N 1/1 Amol Dighe 9:45 -10:45	Q 1/1 Yandel 9:45 -10:45	Preparation for the student presentation 10:20 - 11:50		
11:00 -12:00			O 1/1 de Roeck 11:00 -12:00	R 1/1 Abenza 11:00 -12:00			
12:00 -13:00	Lunch	Lunch	Lunch	Lunch	Lunch		
13:00 -14:00	I 1/1 Tran 13:20-14:50	L 1/1 Miura 13:20-14:50	Excursion 13:00 -	S 1/1 Suzuki 13:20-14:50	Student presentation and concluding remarks 13:20-15:40		
14:00 -15:00							
15:00 -16:00	Software Training (Neutrino Int.) Tran 15:10 -	Preparation for the student presentation 15:10 -		Preparation for the student presentation 15:10 -	**Bus will be in time for flights after 18:00**		
16:00 -17:00							
17:00 -18:00							
18:00 -19:00			Dinner in town				

H	**Tsuyoshi Nakaya (Kyoto)**	**Overview of high energy experiments (without hadron colliders and neutrinos)**
I	**Ngoc Tran (Kyoto)**	**Neutrino interactions**
J	**Atsumu Suzuki (Kobe)**	**T2K experiment**
K	**Yuichi Oyama (KEK/J-PARC)**	**Solar neutrino experiments**
L	**Makoto Miura (ICRR, Tokyo)**	**Hyper-Kamiokande and nucleon decay**
M	**Pranava Teja Surukuchi(University of Pittsburgh)**	**Neutrinoless double beta decay**
N	**Amol Dighe(TIFR)**	**Supernova neutrinos**
O	**Albert de Roeck(CERN)**	**Overview of Hadron Collider Experiments**
P	**Iwan Morton-Blake(Tsung-Dao Lee Institute)**	**Reactor neutrino experiments**
Q	**Erin Yandel (LANL)**	**Short-baseline neutrino experiments**
R	**Miguel Escudero Abenza (CERN)**	**Neutrino and cosmology**
S	**Atsumu Suzuki (Kobe)**	**Future neutrino experiments**
T	**Alfonso Garcia (Valencia)**	**High energy neutrino astronomy**