

First Week

Version 20240711

2024

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

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|----------|---|--|
| A | Yuichi Oyama (KEK/J-PARC) | Neutrino physics - Introduction and first 50 years - |
| B | Sanjib Agarwalla (IOP Bhubanesaw and UW-Madison) | Neutrino Phenomenology |
| C | Makoto Miura (ICRR, Tokyo) | Super-Kamiokande detector |
| D | Tsuyoshi Nakaya (Kyoto,remote) | Overview of high Energy Experiments |
| E | Nhung Dao (Phenikaa Univ., Hanoi) | Standard model and neutrinos |
| F | Son Cao (IFIRSE) | Basics of particle detection and hardware orientation |
| G | Son Cao (IFIRSE) | Experimental neutrino physics concepts in a nutshell |
| H | Makoto Miura (ICRR, Tokyo) | Hyper-Kamiokande and nucleon decay |
| I | Yuichi Oyama (KEK/J-PARC) | From Kamiokande to K2K |
| J | Junting Huang (INPAC, Shanghai Jiao Tong Univ.) | Double beta-decay experiments |

Introduction 1
Introduction 2

Son Cao and Quyen
Students

About Vietnam neutrino group
Self Introductions

30 minutes
5 mins x 20?

Second Week

2024

	July 22 (Mon)	July 23 (Tue)	July 24 (Wed)	July 25 (Thu)	July 26 (Fri)	July 27 (Sat)	July 28 (Sun)
8:00 - 9:00	I 2/2 Oyama	L 1/1 Suzuki	O 1/2 Fujii	O 2/2 Fujii	Student presentation and concluding remarks 8:30-12:30		
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 Huang	M 1/1 Tran	P 1/1 Oyama	Q 1/1 Suzuki			
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	Lunch		
13:00 -14:00	Hardware Training and exercise/ preparation for the student presentation 13:20 -	Software Training (Neutrino Int.) Tran	Excursion 13:00 -	Preparation for the student presentation 13:20 -			
14:00 -15:00		13:20 -16:10					
15:00 -16:00							
16:00 -17:00		N 1/1 Domi					
17:00 -18:00		16:30-18:00					
18:00 -19:00			Banquet				

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|----------|--|---|
| K | Junting Huang (INPAC, Shanghai Jiao Tong Univ.) | Reactor neutrino experiments |
| L | Atsumu Suzuki (Kobe) | T2K experiment |
| M | Ngoc Tran (Kyoto) | Neutrino interactions |
| N | Alba Domi (FAU,Remote) | High energy neutrino astronomy and supernova neutrinos |
| O | Yoshiaki Fujii (KEK/J-PARC) | Detector components of large high energy experiments |
| P | Yuichi Oyama (KEK/J-PARC) | Solar neutrino experiments |
| Q | Atsumu Suzuki (Kobe) | Future neutrino experiments |