

# First Week

Version 20180530

2018

	July 9 (Mon)	July 10 (Tue)	July 11 (Wed)	July 12 (Thu)	July 13 (Fri)	July 14 (Sat)	July 15 (Sun)
8:00 - 9:00		B 2/2 Nguyen A. K.	E 1/1 Cao	F 1/3 Oyama	F 2/3 Oyama	F 3/3 Oyama	
9:00 - 10:00	opening session 9:00-10:30	8:30-10:00	8:30-10:00	8:30-10:00	8:30-10:00	8:30-10:00	
10:00 - 11:00		C 1/3 Kayser	C 2/3 Kayser	C 3/3 Kayser	G 1/2 Lang	G 2/2 Lang	
11:00 - 12:00	A 1/1 Oyama 11:00-12:30	10:20-11:50	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	Lunch	D 1/1 Nguyen V. 13:20-14:50	Hardware Training (Nguyen M. T.) and Exercise	Hardware Training (Nguyen M. T.) and Exercise	H 1/1 Miura 13:20-14:50	Backup time or holiday	
14:00 - 15:00	B 1/2 Nguyen A. K. 14:00-15:30						
15:00 - 16:00		Software Training (neutrino interaction simulation)			Software Training (SK detector)		
16:00 - 17:00	Self- introduction by students 15:50-17:20						
17:00 - 18:00							
18:00 - 19:00	Welcome party (time is not fixed)						

- A** Yuichi Oyama (KEK/J-PARC)
- B** Anh Ky Nguyen (IOP, Hanoi)
- C** Boris Kayser (Fermilab)
- D** Van Nguyen (IFIRSE)
- E** Son Cao (KEK/J-PARC)
- F** Yuichi Oyama (KEK/J-PARC)
- G** Karol Lang (Texas at Austin)
- H** Makoto Miura (ICRR, Tokyo)

- Neutrino physics - Introduction and first 50 years -
- Standard model and neutrinos**
- Neutrino phenomenology**
- Introduction to neutrino event generators**
- Experimental neutrino physics concepts in a nutshell
- From Kamiokande to T2K**
- Particle and radiation detector**
- Super-Kamiokande detector**

# Second Week

2018

	July 16 (Mon)	July 17 (Tue)	July 18 (Wed)	July 19 (Thu)	July 20 (Fri)	July 21 (Sat)	July 22 (Sun)	
8:00 - 9:00	Attend neutrino symposium	Attend neutrino symposium	J 1/1 Pronost 8:30-10:00	Attend neutrino symposium	Student presentation 8:30-11:40			
9:00 - 10:00								
10:00 - 11:00								
11:00 - 12:00			K 1/1 Phouc Ha 10:20-11:50					L 1/1 Carr 10:30-11:30
12:00 - 13:00			Lunch					Lunch
13:00 - 14:00	Attend neutrino symposium	I 1/1 Suzuki 13:00-14:30	Attend excursion of Neutrino Symposium 13:00-17:00	Exercise and preparation for the student presentation 12:30-				
14:00 - 15:00	Attend neutrino symposium	Attend neutrino symposium						
15:00 - 16:00								
16:00 - 17:00								
17:00 - 18:00								
18:00 - 19:00		Join the banquet of the neutrino symposium 18:00 - 21:00						

**I Atsumu Suzuki (Kobe)**

**J Guillaume Pronost (ICRR)**

**K Phuoc Ha (Towson)**

**L Rachel Carr (MIT)**

**Future neutrino experiments**

**Solar neutrino experiments**

**Ultra-high energy neutrinos**

**Short baseline neutrino experiments**

