

# Hardware camp for Fast and Low-light Detection

Mar 3 - 9, 2024		Mon 4	Tue 5	Wed 6	Thu 7	Fri 8	Sat 9
W10	Mar 3, 2024						
6am							
7am							
		7:30am ↻ Bus from hotel to ICISE	7:30am ↻ Bus from hotel to ICISE	7:30am ↻ Bus from hotel to ICISE	7:30am ↻ Bus from hotel to ICISE	7:30am ↻ Bus from hotel to ICISE	7:30am ↻ Bus from hotel to ICISE
8am		8am Welcome address - ICISE vice- 8:15am Welcome lecture (Prof. Yuichi Oyama, KEK, JP) 8:45am Introduction to the camp/logistics/safety (Dr. Son cao,	8am Introduction to Electronics (Dr. Thanh Dong, Duy Tan Univ., VN)	8am DAQ with J-PARC neutrino beamline (remote) (Dr. Ken Sakashita, KEK, JP)	8am Firmware and machine learning (remote) (Dr. Nhan Tran, Fermilab, US)	8am Triggering system (Super-K and Hyper-K) (remote) (Dr. Guillaume Pronost, ILANCE, CNRS-The Univ. of Tokyo)	8am PET as MPPC application (remote) (Dr. Cesar John, The Univ. of Texas at Austin, US)
9am		9:15am Short-break 9:30am 🗄️ Students' self-introduction (all-students)	9am Short-break 9:15am Hands-on Act#2	9am Short-break 9:15am GEANT4 simulation (remote) (Dr. Nam Tran, Boston Univ., US)		9am Short-break 9:15am Hands-on Act #7	9am 🗄️ Student prepare for final presentation
10am							
11am		11am Photo-detectors in Particle physics (remote) (Prof. Tsuyoshi Nakaya, Kyoto Univ., JP)	10:45am Introduce to Cosmic ray (Prof. Atsumu Suzuki, Kobe Univ., JP) 11:45am Cosmic ray muon and muon radiography (Prof. Yuichi Oyama, KEK,	11:15am 🗄️ Lab Q&A and setup	11am Short-break 11:15am 🗄️ Lab Q&A and setup		
12pm	12pm Participants check in hotel	12pm ↻ Lunch break	12:15pm Lunch break	12pm ↻ Lunch break	12pm ↻ Lunch break	12pm ↻ Lunch break	11:45am Lunch break
1pm							1pm 🗄️ Final presentation/report
2pm		1:30pm Introduction to Elementary Particles and Photons (remote) (Prof. Van Nguyen, IOP, VAST, VN) 2:30pm Short-break	1:30pm Electronics for cosmic ray muon detector (Prof. Yuichi Oyama, KEK, JP) 2:30pm Short-break	1:30pm Tracking and calorimetry detectors (Dr. Son Cao (IFIRSE, ICISE, VN)) 2:30pm Short-break	1:30pm Hands-on Act #5	1:30pm 🗄️ CHIPS setup demonstration (Alex Snell, UCL, UK) 2:30pm Short-break	2:30pm Conclusion and ending by 3pm (local time)
3pm		2:45pm Hands-on Act#1	2:45pm Hands-on Act#3	2:45pm Hands-on Act #4		2:45pm Hands-on Act#8	
4pm					3:15pm Short-break 3:30pm Guidance for presentation (Prof. 3:45pm Hands-on Act #6		
5pm			4:30pm A short introduction to MPPC and its application (Dr. Son Cao, IFIRSE, ICISE, VN)				
		5:30pm ↻ Beak time at ICISE	5:30pm ↻ Beak time at ICISE	5:30pm ↻ Beak time at ICISE	5:30pm ↻ Beak time at ICISE	5:30pm ↻ Beak time at ICISE	
6pm		6pm ↻ Dinner	6pm ↻ Dinner	6pm ↻ Dinner	6pm ↻ Dinner	6pm ↻ Dinner	