

Hardware camp for Fast and Low-light Detection

cvson

Mar 2 - 8, 2025		Mon 3	Tue 4	Wed 5	Thu 6	Fri 7	Sat 8
W10	Mar 2, 2025						
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	7:30am ↻ Bus from hotel to ICISE
8am	8am Welcome address by ICISE 8:15am Welcome address by Prof. Oyama (Prof. Yuichi Oyama (KEK)) 8:45am Logistics/safety (Son Cao)	8am ☐ Introduction to basic electronics/Simulation (Son Cao & Sang Truong (IFIRSE))	8am PET as MPPC application, (Dr. John Paul Cesar, The Univ. of Texas at Austin)	8am Super-Kamiokande Triggering System (Guillaume Pronost (ICRR, Univ. of Tokyo))	8am Fast machine learning (Nhan Tran (Fermilab))	8am ☐ Timepix demonstration (Michael Holik (Czech Technicak Univ.))	
9am	9am ↻ Short break 9:15am ☐ Students' self-intro	9:15am Short break	9am ↻ Short break	9am ↻ Short break	9am Timepix introduction (Michael Holik (Czech Technicak Univ.))		
10am		9:30am Introduction to cosmic ray (Atsumu Suzuki (Kobe Univ.)) 10am Cosmic ray muon and muon radiography (Yuichi Oyama (KEK))	9:15am ☐ GEANT4 introduction and tutorial (Nam Tran (Boston Univ.))	9:15am ☐ FPGA and tutorial (2) (Michael Holik (Czech Technicak Univ.))			
11am	10:30am Elementary particle and photons (Hong Van (IOP, VAST))	10:30am Electronics for cosmic ray muon detection (Yuichi Oyama (KEK))					
12pm	12pm ↻ Lunch break	12pm ↻ Lunch break	12pm ↻ Lunch break	12pm ↻ Lunch break	12pm ↻ Lunch break	12pm ↻ Lunch break	12pm ↻ Lunch break
1pm							1pm ☐ Student groups' presentation
2pm	2pm Check-in hotel	1:30pm SiPM/PMT Hands-on Act #2	1:30pm ☐ FPGA tutorials (1) (Michael Holik (Czech Tech. Univ.))	1:30pm ☐ FPGA tutorials (3) (Michael Holik (Czech Tech. Univ.))	1:30pm ☐ Fast machine learning: tutorial (Duc Hoang (MIT/CERN))		
3pm			3pm Short break	3pm Short break	3pm Short break		2:30pm ☐ Conclusion
4pm		4pm Short break	3:15pm SiPM/PMT Hands-on Act. #3	3:15pm SiPM/PMT Hands-on Act. #4	3:15pm SiPM/PMT Hands-on Act. #6		
5pm		4:15pm Photon detection from Quantum view (Chau Nguyen (Univ. of Siegen))					
6pm							