

Program of the 10th Korea-Japan Joint Summer School on Accelerator and Beam Science, Nuclear Data, Radiation Engineering, and Reactor Physics

Date	Time	Topics	Lecturer
August 19 (Mon)	15:00~18:00	Registration	
	18:00~20:00	Reception	
August 20 (Tue)	09:20~09:30	Opening address, guidance	
	09:30~10:00	Introduction of Research Center for Nuclear Physics	Takashi Nakano (RCNP)
	10:00~12:00	Lab Tour of RCNP	Mitsuhiro Fukuda (RCNP)
	12:00~13:00	Lunch break	
	13:00~14:00	Development and Application of Cyclotron	Mitsuhiro Fukuda (RCNP)
	14:00~17:00	Student's Poster Session	
August 21 (Wed)	09:30~12:30	Lecture 1: Accelerator	Jong-Won Kim (IBS) Sang Pil Yoon (KAERI) Yan Jinfuen (Osaka U.)
	12:00~14:00	Lunch break	
	14:00~17:00	Lecture 2: Radiation Engineering	Geehyun Kim (Sejong U.) Hiroyuki Takahashi (U.Tokyo)
August 22 (Thu)	09:30~12:30	Lecture 3: Nuclear Data	Seung-Woo Hong (SKKU) Tatsuya Katabuchi (TIT)
	12:30~14:00	Lunch break	
	14:00~17:00	Lecture 4: Reactor physics, Special Topics on ADS	Yonghee Kim (KAIST) Takanori Sugawara (JAEA)
	17:00~17:30	Closing Ceremony	

Lecturer

1. Nuclear Data

- Prof. Seung-Woo Hong (SKKU), swhong@skku.ac.kr
“Nuclear Data Production System at RAON”
- Prof. Tatsuya Katabuchi (TIT), buchi@lane.iir.titech.ac.jp
“Neutron Nuclear Data Measurement”

2. Accelerator

- Dr. Jong-Won Kim (IBS), jwkim@ibs.re.kr
“Design considerations of rare isotope beam facility based on high-current superconducting linac”
- Dr. Sang Pil Yoon (KAERI), spyun@kaeri.re.kr
“Radiation environment and issue at the particle accelerator facility”
- Prof. Yan Jinfuen (Osaka U.), yang@sanken.osaka-u.ac.jp
“Development of Photocathode RF-gun for Generation of Ultra-fast Electron Beam”

3. Reactor physics

- Prof. Yonghee Kim (KAIST), yongheekim@kaist.ac.kr
“Concepts and Physics of the Breed & Burn Fast Reactor”
- Dr. Takanori Sugawara (JAEA), sugawara.takanori@jaea.go.jp
“R&D activities for Accelerator-Driven System to transmute Minor Actinides in JAEA”

4. Radiation Engineering

- Prof. Geehyun Kim (Sejong U.), gkim01@sejong.ac.kr
“Radiation Imaging Techniques”
- Prof. Hiroyuki Takahashi (UT), leo@n.t.u-tokyo.ac.jp
“Radiation Detector and Associated Electronics Development at the University of Tokyo”