

---

THE 3<sup>RD</sup> WORKSHOP ON  
**KOREAN NEUTRINO OBSERVATORY (KNO)**

**장소:** 경북대학교 제1과학관 (208동) 120호 강의실

**일시:** 2018년 11월 2일 (금)

**Workshop homepage:** <https://indico.cern.ch/event/762910>

**주최:** 경북대학교 고에너지물리연구소



**THE CENTER FOR HIGH ENERGY PHYSICS**

---

# PROGRAM

Friday 11/2		
9:00 AM	Registration	
<b>Opening (Convener: 이세욱)</b>		
9:35 AM	Welcome Address	김상동 (경북대학교총장)
9:45 AM	Opening Remarks	김홍주 (고에너지물리연구소장)
<b>Session 1. Perspective of Particle and Astrophysics (Convener: 손동철)</b>		
9:50 AM - 10:15 AM	Future Perspective of Particle Physics and Astrophysics	김충선 (연세대 / 동신대)
10:15 AM - 10:40 AM	Developments in Neutrino Physics	Stephen Parke (Fermi Lab.)
10:40 AM - 11:05 AM	Coffee Break (25 min)	
<b>Session 2. Overview of KNO and Hyper-Kamiokande (Convener: 천병구)</b>		
11:05 AM - 11:10 AM	Congratulatory Remarks	김주한 (국립대구과학관장)
11:10 AM - 11:35 AM	Overview and Status of Hyper-Kamiokande	Carsten Rott (성균관대)
11:35 AM - 12:00 PM	Overview and Physics Potentials of KNO	서선희 (IBS)
12:00 PM - 1:30 PM	Lunch	
<b>Session 3. Korean Neutrino Telescope (Convener: 박인규)</b>		
1:30 PM - 1:55 PM	Neutrinos from Supernova and Supernova Follow-up Observation	김상철 (천문연)
1:55 PM - 2:20 PM	Neutrinos from Failed Supernova	윤성철 (서울대)
2:20 PM - 2:45 PM	Neutrinos from Gamma-ray Burst and Quasars	박명구 (경북대)
2:45 PM - 3:10 PM	Solar Neutrinos and Neutrinos from Solar Flare	김수봉 (서울대)
3:10 PM - 3:35 PM	Coffee Break (25 min)	
<b>Session 4. KNO Physics Potentials and Korean Efforts (Convener: 이승준)</b>		
3:35 PM - 4:00 PM	Dark Matter Search at Neutrino Detectors	박종철 (충남대)
4:00 PM - 4:25 PM	CP Violation in Neutrino Sector and Proton Decay	강신규 (서울과기대)
4:25 PM - 4:50 PM	KNO Organization and Proposal	유인태 (성균관대)
<b>Session 5. Panel Discussion (Convener: 박명구)</b>		
5:00 PM - 6:00 PM	Panel Discussion for Future Efforts and Plans	
6:30 PM	CHEP Reception (Global Plaza @ KNU)	