

# The 11<sup>th</sup> AONSA Neutron School 2019

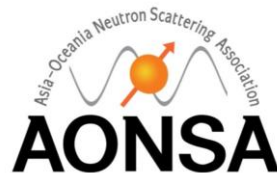
2019/08/19-23, KAERI, Daejeon, KOREA

## Summary Report

Jae-Ho Chung (KNBUA)

Sungdae Ji, Hyungmin Jin, Sungil Park (KAERI)

Sponsors:



# The 11<sup>th</sup> AONSA Neutron School 2019

Aug. 19 ~ 23, 2019

Nuclear Training & Education Center, KAERI, Daejeon, S. Korea

[Overview](#)

[Program](#)

[Registration](#)

[Venue](#)

[Accommodation](#)

[Visa](#)

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Korea Atomic Energy Research Institute (KAERI), Daejeon, S. Korea

### Welcome Message

The AONSA Neutron School is intended for newcomers to the field of neutron scattering research across physics, chemistry, biology, materials science and more. Lectures and tutorials covering the theory and practice of neutron scattering techniques are given by international experts. Students and post-docs will gain a comprehensive grounding in modern techniques and applications and have the opportunity to hear about the latest research being carried out with the technique.

### Venue

- Nuclear Training & Education Center, Korea Atomic Energy Research Institute (KAERI), Daejeon, S. Korea
- Address: 111, Daedeok-daero 989beon-gil, Yuseong-gu, Daejeon, Republic of Korea (34057)



The 11<sup>th</sup> AONSA Neutron School 2019  
**Registration**



The 11<sup>th</sup> AONSA Neutron School 2019  
**School Program**



The 11<sup>th</sup> AONSA Neutron School 2019  
**Lecturer**

# Participation

## ❖ Students

Community of Origin	Number	Passport
Korea	11	Korea 9
		China 1
		Pakistan 1
Taiwan	3	
Thailand	1	
Malaysia	1	
Indonesia	1	
<b>Total</b>	<b>17</b>	

## ❖ Lecturers

Community of Origin	Number
Korea	15
Australia	1
Japan	1
<b>Total</b>	<b>17</b>

# School program

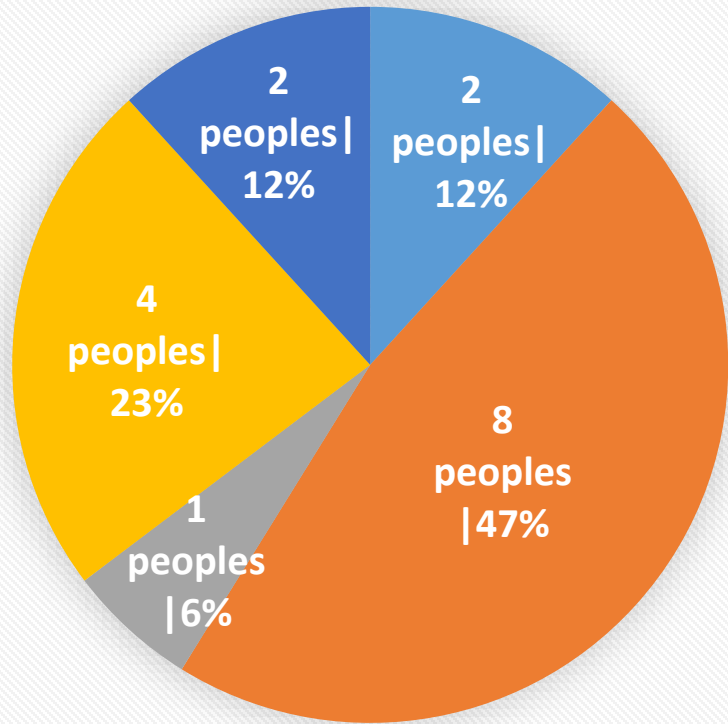
<b>Facility (4)</b>	Facility overview	Dr. Sungil Park (KAERI)
	Health Physics	Dr. Tae Young Lee (KAERI)
	Neutron Instruments	Dr. Chang Hee Lee (KAERI)
	HANARO Tour	Dr. Sungil Park (KAERI)
<b>Science (7)</b>	Overview of Neutron Science	Prof. Sungkyun Park (PNU)
	TBA	Prof. Sugiyama (Kyoto University)
	Neutron scattering for condensed matter physics	Prof. Jae-Geun Park (SNU)
	TBA	Prof. Kennedy (Univ. of Sydney)
	Introduction to Inelastic Neutron Scattering	Dr. Hiraka (KAERI)
	TBA	Prof. Soo Yeol Lee (CNU)
	Single Crystal Diffraction Technique and Its Applications	Dr. In Hwan Oh (KAERI)

# School program

<b>Demonstration &amp; Practice (6)</b>	High-Resolution Powder Diffractometer	Dr. Seongsu Lee (KAERI)
	Neutron Reflectometry	Dr. Jung Soo Lee (KAERI)
	Small Angle Neutron Scattering	Dr. Young Soo Han (KAERI)
	Disk Chopper Time-of-flight	Dr. Ji Yong So (KAERI)
	Residual Stress Instrument	Dr. Wan Chuck Woo (KAERI)
	Neutron Radiography	Dr. Tae Joo Kim (KAERI)

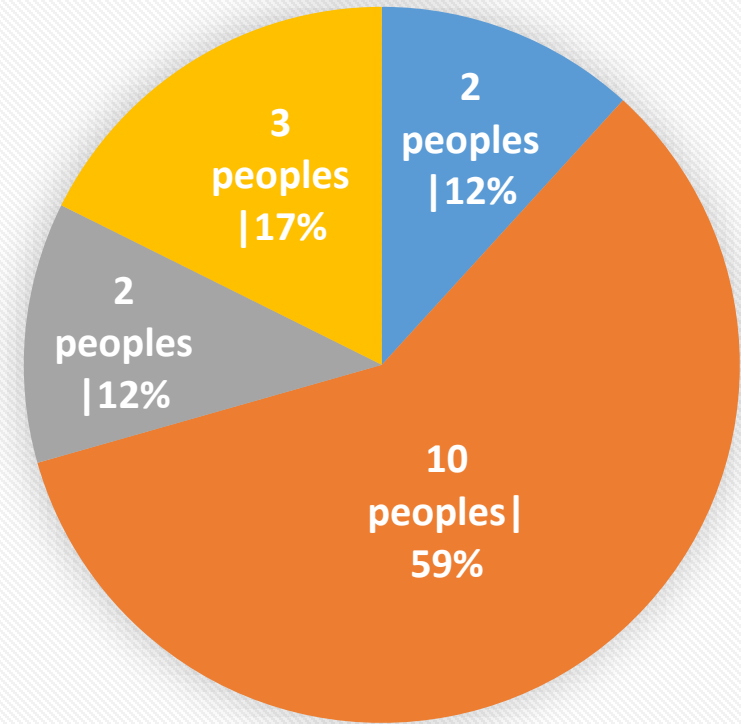
# Affiliations and Majors of participants

## Students affiliations



■ Undergraduate ■ Mater course ■ Post-master  
■ Ph.D.Course ■ Researcher

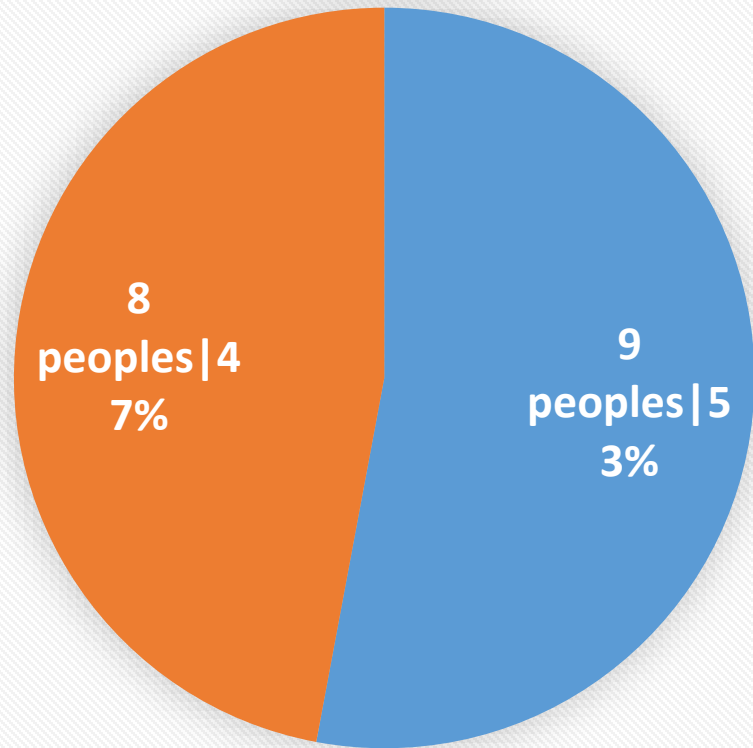
## Major



■ Physics ■ Materials Science  
■ Chemistry ■ Nuutron Engineering

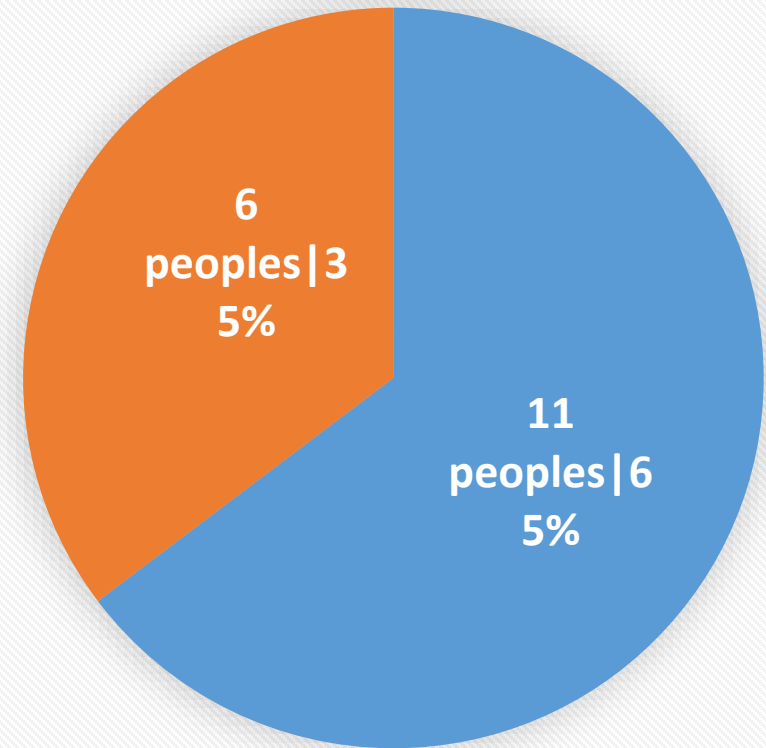
# Satisfaction for the Lectures

"Demo & Practice Lecture"



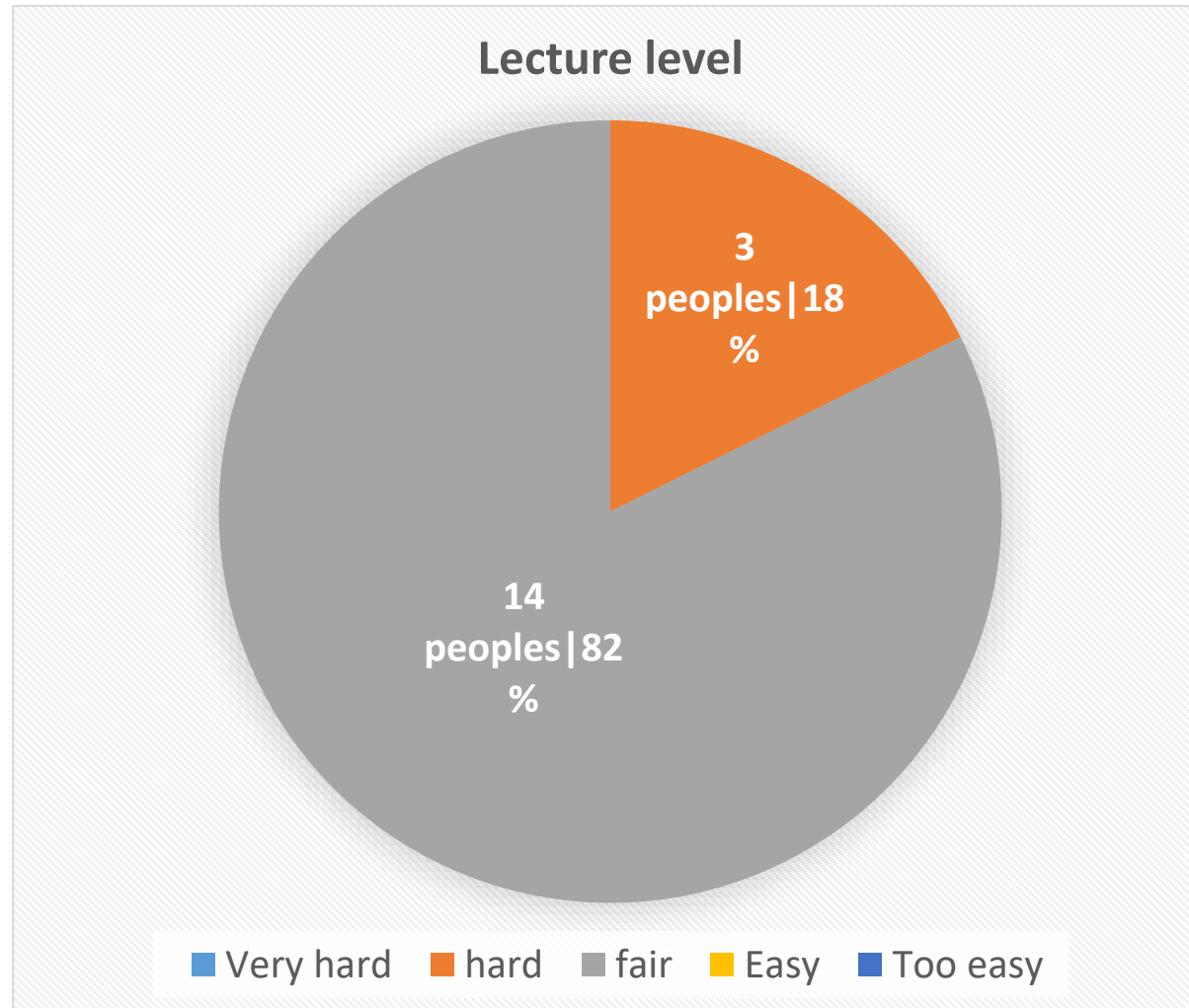
■ Excellent ■ Good ■ fair ■ Poor ■ Bad

"Science lecture"



■ Excellent ■ good ■ fair ■ Poor ■ Bad

# Lecture level





# AONSA financial support

Full support (registration + airfare) for three participants

	<b>Name</b>	<b>Country</b>	<b>Affiliation</b>
<b>1</b>	Yazid Khariah	Malaysia	Sains Malaysia Uni.
<b>2</b>	Prabowo Ari	Indonesia	Gadjah Mada Uni.
<b>3</b>	Kwamman Tanagorn	Thailand	Thailand Institute of Nuclear Tech.

# Thank you for your support.

