

7th Asian School on Superconducting and Cryogenics for Accelerators

(ASSCA 2026)

Feb. 1-9, 2026

Eun-San Kim

**Department of Accelerator Science
Korea University Sejong Campus**

The 7th Asian School on Superconductivity and Cryogenics for Accelerators

February 1–9, 2026, Korea University Sejong Campus, Sejong,
Republic of Korea



International Advisory Committee

Eun-San Kim (KU, Korea)
Tripti Sekhar Datta (IIT, India)
Yasuhiro Makida (KEK, Japan)
Eiji Kako (KEK, Japan)
Hirotaka Nakai (KEK, Japan)
Rui Ge (IHEP, China)
Jiyuan Zhai (IHEP, China)
Nattawut Tharawadee (SU, Thailand)

Local Organizing Committee

Eun-San Kim (KU, Korea), Chair
Byeong Rok Ko (KU, Korea)
Yumi Lee (KU, Korea)
Soohyung Lee (KU, Korea)
Young Kwon Kim (IBS, Korea)

School contents

■ Objective

To train next generation of accelerator scientists and engineers specialized in superconductivity and cryogenics

To improve knowledge of SC and cryogenics for accelerators through lectures and hands-on training

■ Lectures :

SC magnet, SRF cavity, Cryogenics, Introductory lectures

■ Excursion : 8th Feb., site : GongJu-city

program

Time	Day 1 Sun Feb 1	Day 2 Mon Feb 2	Day 3 Tue Feb 3	Day 4 Wed Feb 4	Day 5 Thu Feb 5	Day 6 Fri Feb 6	Day 7 Sat Feb 7	Day 8 Sun Feb 8	Day 9 Mon Feb 9
09:00~10:20 (80min)		Introduction I <i>Prof. Hirotaka Nakai</i> (KEK, Japan)	SC Magnet I <i>Prof. Toru Ogitsu</i> (KEK, Japan)	SC Magnet IV <i>Prof. Yasuhiro Makida</i> (KEK, Japan)	SRF Cavity II <i>Prof. Peng Sha</i> (IHEP, China)	SRF Cavity V <i>Dr. Sung Ju Park</i> (PAL, Korea)	Cryogenics III <i>Prof. Hirotaka Nakai</i> (KEK, Japan)		
10:20~10:40 (20min)		Break							
10:40~12:00 (80min)		Introduction II <i>Prof. Takafumi Okada</i> (KEK, Japan)	SC Magnet II <i>Prof. Qingjin Xu</i> (IHEP, China)	SC Magnet V <i>Dr. Soo Hyeon Park</i> (KFE, Korea)	SRF Cavity III <i>Dr. Junho Han</i> (KAT, Korea)	Cryogenics I <i>Prof. Sangkwon Jeong</i> (KAIST, Korea)	Cryogenics IV <i>Prof. Xilong Wang</i> (IASF, China)		
12:00~13:30 (90min)		Lunch							
13:30~14:50 (80min)	Arrival	Introduction III <i>Prof. Toru Ogitsu</i> (KEK, Japan)	SC Magnet III <i>Prof. Masami Iio</i> (KEK, Japan)	SRF Cavity I <i>Prof. Hongtao Hou</i> (SARI, China)	SRF Cavity IV <i>Dr. Hyo Jae Jang</i> (IBS, Korea)	Cryogenics II <i>Prof. Rui Ge</i> (IHEP, China)	Cryogenics V <i>Dr. Seo Jung Kim</i> (IBS, Korea)	Excursion (10:30 ~ 16:30)	Departure
14:50~15:10 (20min)		Break							
15:10~18:00 (170min)		Hands-on Training <i>[Prof. Byeong Rok Ko (KU, Korea), Prof. Soohyung Lee (KU, Korea), Prof. Yumi Lee (KU, Korea), Prof. Yasuhiro Makida (KEK, Japan), Prof. Takafumi Okada (KEK, Japan), Dr. Shiori Kessoku (KEK, Japan), Prof. Nattawut Tharawadee (SU, Thailand)]</i>							
18:00~19:30 (90min)		Dinner							

Hands-on Training

	MON	TUE	WED	THU	FRI	SAT
Group A	Accelerator Tour 1st Floor	SC Magnet Room #308	Cryogenics Room #322	Cryogenics Room #322	SRF Cavity Room #314	SRF Cavity Room #314
Group B	SRF Cavity Room #314	SRF Cavity Room #314	SC Magnet Room #308	Accelerator Tour 1st Floor	Cryogenics Room #322	Cryogenics Room #322
Group C	Cryogenics Room #322	Cryogenics Room #322	SRF Cavity Room #314	SRF Cavity Room #314	Accelerator Tour 1st Floor	SC Magnet Room #308

Participants

Team A

Taeyoon Lee	A
zhuocheng Yue	A
Kouki Hirosawa	A
Sarocho Wongkhrut	A
Visitchai Sooksrimuang	A
Sasipapha Chuanyoo	A
Dajun Fan	A
Soumya Ranjan Mohanty	A
Guo Sicong	A
Sohyun Kang	A
Vikas Kumar	A
Yuxin Li	A
RAJDEEP KUNDU	A
WookHee Choi	A
Takafumi OKADA	L-A
Hirotaaka NAKAI	L-A
Qingjin XU	L-A
Peng Sha	L-A
Kyung-Ryul Kim	L-A

Team B

Navapon Puttachai	B
Waranyoo Cherdkotha	B
Pawarit Mathu	B
Hyeonseok Lee	B
Rikuho Nomura	B
Yu Zhang	B
Chao Liu	B
Arijeet Roy Chowdhury	B
SeongJae Choi	B
xiaoju huang	B
GwangUk PARK	B
DIBYAJYOTI DAS	B
Xiding Gao	B
Q Cheol Kim	B
jinhyu jeong	B
Toru Ogitsu	L-B
HONGTAO HOU	L-B
Byeong Rok Ko	L-B
Xilong Wang	L-B
Rui Ge	L-B
Masami Iio	L-B

Team C

Krissada Suksai	C
Wanisa Promdee	C
Passavee Thomyakaew	C
Rishabh Bajpai	C
Chao-Hui Huang	C
Wang Jiaxuan	C
Ashutosh Sharma	C
wu zhen	C
Sujaan Khan	C
Heesu Park	C
IN SEONG JIN	C
Heejin Cho	C
Keonho Kim	C
Nattawut Tharawadee	L-C
Shiori KESSOKU	L-C
Eun-San Kim	L-C
YASUHIRO MAKIDA	L-C

Lecturer

1	Yasuhiro Makida	KEK (Japan)
2	Hiroataka Nakai	KEK (Japan)
3	Toru Ogitsu	KEK (Japan)
4	Masami Iio	KEK (Japan)
5	Takafumi Okada	KEK (Japan)
6	Shiori Kessoku	KEK (Japan)
7	Nattawut Tharawadee	Silpakorn Univeristy (Thailand)
8	Rui Ge	IHEP (China)
9	Qingjin Xu	IHEP (China)
10	Hongtao Hou	SARI (China)
11	Peng Sha	IHEP (China)
12	Xilong Wang	IASF (China)
13	Sangkwon Jeong	KAIST (Korea)
14	Sung Ju Park	PAL (Korea)
15	Jun Ho Han	KAT (Korea)
16	Soo-Hyeon Park	Korea Institute of Fusion Energy (Korea)
17	Seo Jung Kim	Institute for Basic Science (Korea)
18	Hyo Jae Jang	Institute for Basic Science (Korea)
19	Byeong Rok Ko	Korea University (Korea)
20	Soohyung Lee	Korea University (Korea)
21	Yumi LEE	Korea University (Korea)

Contact person

■ If you need inquiries and helps, please contact in anytime

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■ We will have a photo-time after 1st lecture today.