

**xQCD 2026**

**Organization report**

**29 Sep 2025**

# xQCD 2026

12 (Sun) - 17 (Fri) July 2026

PKNU, Busan, Korea

Updates given in the cyan color

# xQCD 2026

14 (Tue) - 17 (Fri) July 2026  
xQCD School for Ph.D  
12 (Sun) - 13 (Mon) July 2026  
Pukyong National University  
Busan Korea

#### Topics

QCD at Finite Temperature and Density  
Heavy Ion Collision Phenomenology  
Phase Diagram of Strongly Interacting Matter  
Properties of the Quark-Gluon Plasma  
Properties of Strongly Interacting Gauge Theories  
The Sign Problem in Lattice QCD  
QCD in External Fields  
Neutron Stars

#### Invited speakers

#### Sponsors



Tentative poster

## □ Schedule

Ph.D school: 12 (Sun) - 13 (Mon), July 2026

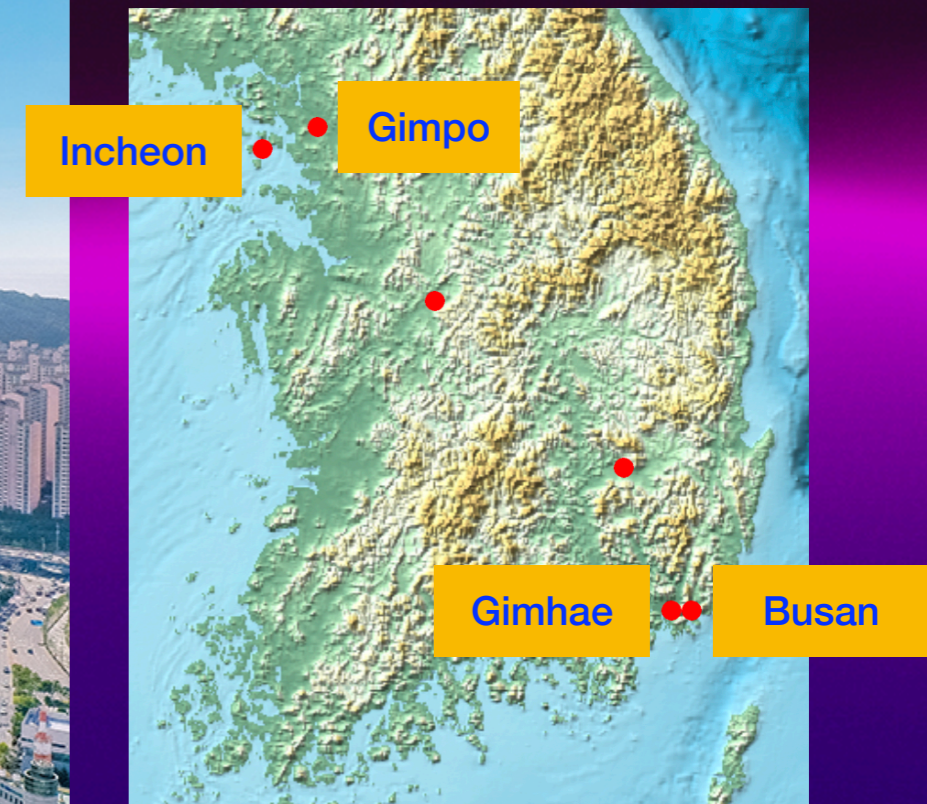
Main program: 14 (Tue) - 17 (Fri), July 2026

## □ Venue

Pukyong National University (PKNU), Busan, Korea

From Incheon airport (URL)   From Gimhae airport (URL)

For more information, click the underlined items



## □ Conference sites

Ph.D school: **Pukyong convention hall**

Main program: **Pukyong convention hall**

Poster session (15 July 2026): **Pukyong convention hall**

Accommodation: **20 twin rooms have been reserved for 11 - 17 Sep 2026 at PKNU geust house**

Lunch: Faculty restaurant *Lilac* → **Difficult to provide special requests**



## □ Local organizing committee (tentative)

Name	Affiliation	Research topic
Prof. Seyong Kim	Sejong University	Lattice QCD
Prof. Alexander Rothkopf	Korea University	Lattice QCD
Dr. Jong-Wan Lee	CTPU/IBS	Lattice QCD
Prof. Sanghoon Lim	PNU	LHC and EIC
Prof. Minjung Kweon	Inha University	LHC and EIC
Prof. Yongsun Kim	Sejong University	LHC and EIC
Prof. Su Houng Lee	Yonsei University	Heavy-ion theory
Prof. Sungtae Cho	KNU	Heavy-ion theory
Prof. Seung-il Nam	PKNU	Heavy-ion theory
Prof. Youngman Kim	CENS/IBS	Heavy-ion theory

## □ Budget (~30,000 USD) and sponsors (all co-hosting)



## Registration fee

150 USD via credit card [via RUA \(approved, not KSHEP\)](#) and 200,000 KRW on site (cash)

[RUA will provide registration-fee collecting and administration services](#)

Lunches and beverages for 14 - 17 July 2026

Conference dinner on 16 July 2026



## Student supports

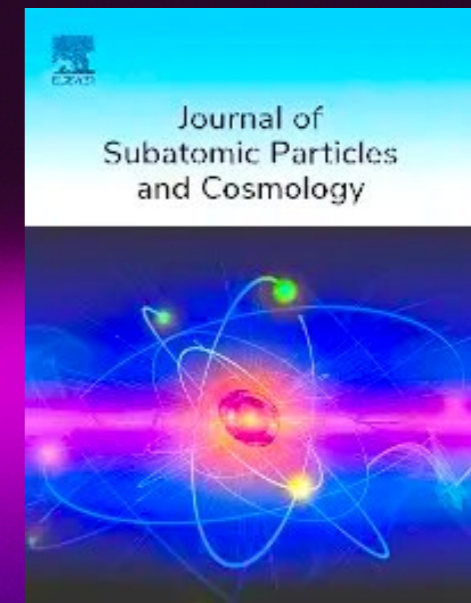
Registration fee waiver

Lunches and beverages for 12 - 17 July 2026

Conference dinner on 16 July 2026

Accommodation for 11 (check-in) - 17 (check-out) July 2026

[20 twin rooms and one room shared by two students](#)



ISSN:3050-

## Poster award for students (3 persons):

[Award and 300,000KRW/person](#)

Proceedings

[Journal of Subatomic Particles and Cosmology](#)

For more information, click the underlined items

## □ Scientific program

Ph.D school with 4 lecturers and ~40 students

Main program with 5 invited + 40 oral talks + 35 poster = 80 presentations (~ 100 )

## □ Social program

Short excursion paid individually beside registration fee

conference dinner on 16 July 2026: >80,000KRW/person

IAC meeting on 15 July 2026

## □ Organizing schedule

Aug 2025: Completing LOC → Completed

Nov 2025: Start of the organization in full swing

Dec 2025: Suggestions for invited speakers from IAC

Jan 2026: Launch of the conference Indico and homepage

Feb 2026: Registration and abstract submission start

Beginning of May 2026: Registration and abstract submission

End of May 2026: Completing review of abstract and scientific & Ph.D program

Regular RG deadline (middle of June) & Onsite RG deadline

30,000KRW/person



## ☐ Weather in July (\*daily average)

Temperature\*: 28°C (30 - 35°C in max)

Humidity\*: 83 %

Rainfall: 288 mm/month

Ultraviolet index (UV-B): 8 - 10

## ☐ Sightseeing: Visit Busan

For more information, click the underlined items



Geunjung Mt.



Haeundae



Marine city



Gwananli



Diamond bridge



Yonggung temple

# Budget (as of today):

## Expenses

	KoALICE	OMEG	APCTP (Expectation)	KCMS (Expectation)	KSHEP	IRST/PKNU	Toptier	BTO (Expectation)	CENS/IBS	Regi. Fee	PKNU	Total	Total (Plan)
Accommodation													₩8,400,000
Banquet													₩10,000,000
Lunches													₩4,000,000
Beverages													₩2,000,000
Stationaries													₩500,000
Posters & banners													₩500,000
Conference hall													₩3,500,000
Total (Expectation)	₩3,000,000	₩2,000,000	₩3,000,000	₩2,000,000	₩0	₩1,500,000	₩2,000,000	₩1,800,000	₩3,000,000	₩9,000,000	₩500,000	₩27,800,000	₩28,900,000
Condition	During xQCD												

**APCTP: Application by 30 Oct (~15M KRW in max)**

**KCMS: Highly possible with conditions; student waiver**

**KSHEP: Only supporting for advertisement**

**RUA: Registration-fee collecting and administrations**

**BTO MICE: Proposal submitted ~ 1.8M KRW**

**We may need some more sources: Support for banquet from LOC individuals (?)**

## □ Discussions

**The LOC will recommend Ph.D school lecturers, focusing on domestic and local researchers. Travel expenses (airfare or travel costs) will be covered for them (4 persons).**

**Indico system: Use either the CERN or IBS server. If using the IBS Indico, the evening connection issue must be resolved.**

### **Registration timeline:**

- **Registration opens in May 2026**
- **General registration deadline: mid-June 2026**
- **Final program to be completed by the end of May 2026**

**Next meeting: The end of Oct 2025 (TBA)**