

# XQCD 2026

**14 (Tue) - 17 (Fri) July 2026**  
**Pukyong National University**  
**Busan Korea**

**PhD School**  
**12 (Sun) - 13 (Mon) July 2026**

## 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 and Cosmology in QCD
- New Algorithmic Developments in QCD
- New Aspects of Symmetries in QCD

## Contact

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## Invited speakers

- Jana Günther (University of Wuppertal)
- Yoshimasa Hidaka (YITP)
- Toru Kojo (KEK)
- Minjung Kweon (Inha University)
- Violetta Sagun (University of Southampton)
- Chihiro Sasaki (University of Wroclaw)
- Volodymyr Vovchenko (University of Houston)
- Kai Zhou (Chinese University of Hong Kong)

## PhD school lecturers

- Gert Aarts (Swansea University)
- Kenji Fukushima (University of Tokyo)
- Sungwoo Park (Sejong University)
- Alexander Rothkopf (Korea University)



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