

FIRST CIRCULAR

New Perspectives on Exotic and Heavy Hadrons

25–28 August 2026

60th Anniversary Hall, Inha University, Incheon, Korea

Introduction

Since the Belle Collaboration reported the existence of a possible tetraquark state, X , and the LHCb Collaboration announced new heavy pentaquark states, P_c , there has been a surge of experimental and theoretical efforts to understand the true nature of these exotic hadrons. Since then, more than seventy new heavy hadrons have been observed, including many exotic ones. Interestingly, the GlueX experiment at Jefferson Laboratory reported null results regarding the existence of P_c in J/ψ photoproduction, implying that heavy pentaquarks may possess a nontrivial quark–gluon structure.

Recently, various experimental programs aimed at investigating exotic hadrons have been proposed at several accelerator facilities. For example, a new program to measure the P_c in J/ψ production using a pion beam is currently underway at J-PARC. Upcoming novel results on heavy exotic baryons are also expected from the LHC, BESIII (China), and Belle & Belle II (Japan).

In this context, we aim to provide an opportunity to gather and discuss the prospects for the future of exotic and heavy hadron research. This workshop will serve as a platform to share both experimental and theoretical ideas and insights related to the physics of exotic states. We will also emphasize the active involvement of young scientists as organizers and speakers, paving the way for the next generation of hadronic physics in the Asian region.

Topics

The workshop will cover, but is not limited to, the following topics:

- Hadron Spectroscopy (Conventional and Exotic)
- Hadron–Hadron Interactions and Reactions
- Hadron Structure
- QCD and QCD-Inspired Approaches
- Exotic Nuclei and Multiquark Systems
- Future Experimental Programs and Facilities

Important Dates

Abstract Submission Deadline: 24 July 2026

Registration Deadline: 24 July 2026

Workshop Dates: 25–28 August 2026

Abstract submission and registration are available through the workshop website: <https://n-ext.inha.ac.kr/event/899/>

Visa Information

Most attendees from visa-waiver countries (e.g., the United States, EU member states, Japan, and Singapore) may enter the Republic of Korea visa-free for academic visits of up to 90 days.

Participants from other countries (e.g., China, Russia, Vietnam) may need to apply for a C-3 Short-Term Visit Visa. Please check your visa requirement via the official Korea Visa Portal: <https://www.visa.go.kr>. When asked for the purpose of your visit, choose: “**Short Term Visit.**”

Participants who require an official invitation letter for visa purposes may contact: samson.clymton@apctp.org; heejinkim@inha.ac.kr

Organizing Committee

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