

Dear Colleagues,

We are pleased to announce the 9th **Asia-Pacific conference on Few-body problems in Physics (APFB2025)**, which will be held at Van Lang University in **Ho Chi Minh City, Vietnam** on **8 – 12 September 2025**.

Following the success of previous APFB2025, which recently was held in taken place in Tokyo (1999), Shanghai (2002), Thailand (2005), Indonesia (2008), Seoul (2011), Adelaide (2014), and Guilin (2017), and Kanazawa (2021), APFB2025 will facilitate stimulus exchange through a scientific program that covers most recent experimental and theoretical advances in the following topics:

- Few-body aspects of nuclear physics, nuclear astrophysics, atom and molecular systems, and cold atoms.
- Light nuclei, multi-neutron systems, alpha-cluster, neutron/proton-rich nuclei, related topics of nuclear structure and reactions.
- Few-nucleon systems, nuclear forces and currents including QCD inspired approaches.
- Hypernuclei, strange and exotic systems, few-hadron systems and their interactions.
- Hadron spectroscopy and structure, quark and gluon structure of hadron, Lattice QCD, proton-radius puzzle.
- Efimov physics, universality, dynamics of atomic and molecular systems.
- Interdisciplinary aspects of few-body physics and techniques.
- Symmetry and symmetry breaking, nuclear data science, nuclear transmutation studies, computational methods.
- Related topics for few-body systems.

1. Venue

- Van Lang University, Ho Chi Minh City 70000 – Vietnam

69/68 Dang Thuy Tram Street, Ward 13, Binh Thanh District, Ho Chi Minh City, Vietnam.

- About 35 minutes by taxi/bus from the Tan Son Nhat International Airport (SGN) to the center of Ho Chi Minh City and about 20 minutes by car to access Van Lang University (main campus).

2. Important dates

Call for abstract: March 1, 2025

Deadline of abstract submission: June 30, 2025

Early Bird Registration: March 1 – June 30, 2025

Registration Deadline: August 15, 2025

3. Abstract submission guideline

Please follow the instruction website: <https://indico.rcnp.osaka-u.ac.jp/e/apfb2025>

and fill the submission form with the title, author list, content (about 300 words), main topic, and contribution type (oral/poster).

4. Website and Contact address

APFB2025 Website: <https://apfb2025.vlu.edu.vn/>

Email: apfb2025@vlu.edu.vn

5. Invited Speakers

Will be informed later.

6. Conference fee

Registration fee:

US\$150 for non-students

US\$100 for students

Early bird registration fee:

US\$125 for non-students

US\$80 for students

Payment method: Bank transfer via

Account name: TRUONG DAI HOC VAN LANG

Account number: 0071000555888

Bank name: VIETCOMBANK

Branch: HO CHI MINH

SWIFT code: BFTVVNVX

Content: *Your fullname*_APFB2025

7. Committees

7.1. International Advisory Committee

J. K. Ahn (Korea Univ.)

S. -I. Ando (Sunmoon Univ.)

W. -C. Chang (Academia Sinica)

J. -P. Chen (JLAB)

J. -W. Chen (National Taiwan Univ.)

M. -K. Cheoun (Soongsil Univ.)

E. Epelbaum (Ruhr Univ. Bochum)

H. Gao (Duke Univ.)

J. Golak (Jaiellonian Univ.)

K. Hagino (Kyoto Univ.)

H. W. Hammer (TU Darmstadt)

E. Hiyama (Tohoku Univ & RIKEN)

A. Hosaka (RCNP, Osaka Univ.)

N. K. Nayestanaki (KVI-CART)

T. Kawabata (Osaka Univ.)

D. T. Khoa (Vietnam Atomic Energy Institute)

H. C. Kim (Inha Univ.)

R. B. McKeown (JLab)

J. Meng (Peking Univ.)

K. S. Myint (Mandalay Univ.)
S. N. Nakamura (Tohoku Univ.)
S. Nam (Pukyong National Univ.)
M. Oka (Japan Atomic Energy Agency)
Z. Qiang (IHEP, Chinese Academy of Science)
H. Sakai (RIKEN)
K. Sekiguchi (Tokyo Science Institute)
D. T. Son (Univ. of Chicago)
A. Tamii (Osaka Univ.)
A. W. Thomas (Adelaide Univ.)
M. Yamashita (IFT, UNESP)
B. S. Zou (ITP, Chinese Academy of Science)

7.2. Program Committee

N. N. Duy (Van Lang Univ.)
E. Hiyama (Tohoku Univ. & RIKEN)
L. V. Hoang (Ho Chi Minh City Univ. of Education)
N. Q. Hung (IFAS, Duy Tan Univ.) – Scientific Chairman
L. T. Q. Huong (Nha Trang Univ.)
D. T. Khoa (Vietnam Atomic Energy Institute)
H. N. Long (Van Lang Univ.)
D. T. Son (Univ. of Chicago)
A. Tamii (Osaka Univ.)
P. N. T. Vinh (Ho Chi Minh City Univ. of Education)

7.3. Local Organizing Committee

L. X. Chung (Vietnam Atomic Energy Institute)

T. T. M. Dieu (Van Lang Univ.)

N. N. Duy (Van Lang Univ.) – Conference Chairman

L. V. Hoang (HCMC Univ. of Education)

N. Q. Hung (IFAS, Duy Tan Univ.) – Scientific Chairman

L. T. Q. Huong (Nha Trang Univ.)

H. N. Long (Van Lang Univ.)

N. Q. Mai (Van Lang Univ.)

N. T. Phong (Van Lang Univ.)

E. Senaha (Van Lang Univ.)

P. N. T. Vinh (Ho Chi Minh City Univ. of Education)

7.4. Scientific Secretaries

Le Tan Phuc (IFAS, Duy Tan Univ.)

Nguyen Toan Tri Phuc (University of Science - VNUHCM)

Le Thi Quynh Huong (Nha Trang Univ.)

8. Hosts and Sponsors

- Van Lang University, Vietnam

- RCNP, Osaka University, Japan

- Nishina Center for Accelerator-Based Science, Japan

- RIKEN, National Research and Development Agency, Japan



We hope to have many attendance in the conference.

We look forward to seeing you in the conference.

Sincerely yours,

Nguyen Ngoc Duy (Van Lang University), chairman

Contact address: apfb2025@vlu.edu.vn