

Tentative program

Phenikaa International Physics Conference 2025 (PIPC2025):

Celebrating 100 years of quantum physics

Date: October 13-15, 2025**Venue: Phenikaa University, Yen Nghia, Ha Dong, Ha No**

Organizers: Phenikaa University, NYCU Institute of Physics and Vietnam Physical Society

13-Oct	7:00 October 13, 2025, Phenikaa University, Hanoi, Vietnam									
Time										
7:00 – 8:30	Registration and coffee, 2nd floor A9-A10 grand hall									
8:30 – 8:50	Opening ceremony, 2nd floor A9-A10 grand hall									
8:30 – 8:40	Video introduction to Phenikaa University									
8:40 – 8:45	Welcome speech by Phenikaa University's representative									
8:45 – 8:50	Speech by Vietnam Physical Society's president									
8:50 – 10:20	Plenary session (Chairperson: Prof. Phung Van Dong), 2nd floor A9-A10 grand hall									
8:50 – 9:35	Plenary talk 1 by Prof. Misao Sasaki, Institute for the Physics and Mathematics of the Universe, The University of Tokyo, Japan "Inflationary Universe Known Knowns, Known Unknowns, and Unknown Unknowns"									
9:35 – 10:20	Plenary talk 2 by Prof. Milada Margarete Mühlleitner, Institute for Theoretical Physics, Karlsruhe Institute of Technology (KIT), Germany "High-Energy Physics from a Theoretical Perspective: Major Results, Recent Results and Near-Future Projects"									
10:20 – 10:45	Photo session and Coffee break									
10:45 – 11:45	Parallel Sessions									
	Room 1: 104 A8 (Session 1)		Room 2: 201 A8 (Session 2)		Room 3: 202 A8 (Session 3)		Room 4: Meeting Room 3-2nd Floor A10 (Session 5)		Room 5: Grand Hall-2nd Floor A10 (Session 6-7)	
	Chairperson: Le Duc Ninh		Chairperson: Nguyen Quynh Lan		Chairperson: Pham Tien Lam		Chairperson: Nguyen Ngoc Anh		Chairperson: Nguyen Huu Lam	
	PID	PRESENTER	PID	PRESENTER	PID	PRESENTER	PID	PRESENTER	PID	PRESENTER
	S1.K1	Prof. Guey-Lin Lin	S2.K1	Prof. Shinji Miyoki	S3.K1	Prof. Massimo Boninsegni	S5.K1	Prof. Dao Tien Khoa	S6.K1	Prof. Yong Ill Lee
	S1.I1	Dr. Tran Hoai Nam (onl)	S2.K2	Prof. Alex Lazarian (onl)	S3.I1	Prof. Do Van Nam	S5.K2	Dr. Peng Hong Liem	S6.K2	Prof. Phan Manh Huong
11:45 – 13:30	Luncheon at D6 building – 2nd Floor									
13:30 – 15:10	Parallel Sessions									
	Room 1: 104 A8 (Session 1)		Room 2: 201 A8 (Session 2)		Room 3: 202 A8 (Session 4)		Room 4: Meeting Room 3-2nd Floor A10 (Session 5)		Room 5: Grand Hall-2nd Floor A10 (Session 6-7)	
	Chairperson: Eibun Senaha		Chairperson: Do Quoc Tuan		Chairperson: Hung Nguyen		Chairperson: Le Ngoc Thiem		Chairperson: Nguyen Duc T. Kien	
	PID	PRESENTER	PID	PRESENTER	PID	PRESENTER	PID	PRESENTER	PID	PRESENTER
	S1.I2	Prof. Do Thi Huong	S2.K3	Prof. Bum-Hoon Lee	S4.K1	Prof. Tran Nguyen Lan	S5.I1	Prof. Nguyen Quang Hung	S7.K1	Prof. Hsin-Fei Meng
	S1.I3	Dr. Pawin Ittisamai	S2.K4	Prof. Thiem Hoang (onl)	S4.K2	Prof. Areeya Chantasri	S5.I2	Dr. Le Xuan Chung	S7.K2	Prof. Le Anh Tuan
	S1.I4	Dr. Phan Hong Khiem	S2.K5	Prof. Sushant Ghosh	S4.I1	Prof. Pham Tan Thi	S5.O1	Dr. Nguyen Duy Quang	S6.I1	Prof. Sanghoon Kim
S1.K2	Prof. Hoang Ngoc Long (onl)	S2.K6	Prof. Pham Ngoc Diep	S4.I2	Prof. Nguyen The Toan	S5.O2	Dr. Nguyen Huu Tiep	S7.I1	Prof. Dao Van Duong	
15:10 – 15:25	Coffee break									
15:25 – 16:00	Poster session 1: (S1.P)1, 2, 3, 4, 5, 6; (S2.P)1, 2; (S3.P)1, 2, 3, 4, 5, 6, 7; (S4.P)1, 2, 3, 4, 5; (S5.P)1, 2, 3, 4, 5, 6, 7, 8, 9; (S6.P)1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22; (S7.P)1, 2, 3, 4;									
16:00 - 17:30	Parallel Sessions									
	Room 1: 104 A8 (Session 1)		Room 2: 201 A8 (Session 2)		Room 3: 202 A8 (Session 3)		Room 4: Meeting Room 3-2nd Floor A10 (Session 5)		Room 5: Grand Hall-2nd Floor A10 (Session 6-7)	
	Chairperson: Phan Hong Khiem		Chairperson: Pham Ngoc Diep		Chairperson: Tran Hai Duc		Chairperson: Nguyen Huu Tiep		Chairperson: Dao Van Duong	
	PID	PRESENTER	PID	PRESENTER	PID	PRESENTER	PID	PRESENTER	PID	PRESENTER
	S1.I5	Dr. Tran Chien Thang	S2.K7	Prof. Masahide Yamaguchi	S3.I2	Prof. Tran Hai Duc	S5.I3	Dr. Le Ngoc Thiem	S7.I2	Prof. David Riassetto
	S1.I6	Dr. Eibun Senaha	S2.I1	Prof. Quang Nguyen-Luong (onl)	S3.I3	Prof. Huynh Vinh Phuc	S5.O3	Ms. Do Thi Khanh Linh	S6.I2	Dr. Tran Ngoc Quang
	S1.I7	Dr. Vu Ngoc Khanh (onl)	S2.I2	Dr. Pham Tuan-Anh	S3.O1	Dr. Phan Duc Anh	S5.O4	Dr. Do Cong Cuong	S6.O1	Dr. Nguyen Thi Hue
		S2.I3	Dr. Peter Lott	S3.O2	Dr. Hoang Van Ngoc	S5.O5	Dr. Truong Hoai Bao Phi	S6.O2	Dr. Bui Van Hao	
18:30 – 20:30	Gala dinner at D6 building - 2nd Floor									

14-Oct	8:00 October 14, 2025, Phenikaa University, Hanoi, Vietnam									
8:30 – 9:30	Public lecture (online) by Prof. Dam Thanh Son, University of Chicago, United States "Quantum Tunneling: Fundamental Physics and Practical Applications", 2nd floor A9-A10 grand hall (Chairperson: Assoc. Prof. Le Duc Ninh)									
9:30 – 10:00	Coffee break									
10:00 – 11:30	Plenary session (Chairperson: Prof. Tran Hoai Nam), 2nd floor A9-A10 grand hall									
10:00 – 10:45	Plenary talk 3 by Prof. Imre Pázsit, Department of Physics, Chalmers University of Technology, Sweden “Symmetries and Asymmetries in Branching Processes”									
10:45 – 11:30	Plenary talk 4 by Prof. Kuan-Neng Chen, National Yang Ming Chiao Tung University, Taiwan “Enabling Semiconductor Innovation with 3D IC, Heterogeneous Integration, and Advanced Packaging”									
11:30 – 13:30	Luncheon at D6 building – 2nd Floor									
13:30 - 15:10	Parallel Sessions									
	Room 1: 104 A8 (Session 2)		Room 2: 201 A8 (Session 3)		Room 3: 202 A8 (Session 4)		Room 4: Meeting Room 3-2nd Floor A10 (Session 6)		Room 5: Grand Hall-2nd Floor A10 (Session 7)	
	Chairperson: Pham Tuan-Anh		Chairperson: Nguyen Ngoc Linh		Chairperson: Phan Duc Anh		Chairperson: Nguyen Viet Huong		Chairperson: Tran Manh Trung	
	PID	PRESENTER	PID	PRESENTER	PID	PRESENTER	PID	PRESENTER	PID	PRESENTER
	S2.O1	Prof. Yi-Zen Chu	S3.O3	Prof. Bach Huong Giang	S4.I3	Dr. Nguyen Van Duy	S6.K3	Prof. Yu Sheng Su	S7.I3	Prof. Nguyet Pham
	S2.O2	Dr. N. T. Thao	S3.O4	Dr. Nghiem Thi Minh Hoa	S4.I4	Dr. Mohammad Haidar	S6.I3	Prof. Nguyen Quang Hung	S7.K3	Prof. Hsiao-Wen Zan
	S2.O3	Dr. Tran Ngoc Hung	S3.O5	Dr. Nguyen Dung Chinh	S4.I5	Dr. Le Bin Ho	S6.I4	Dr. Nguyen Dang Tung	S7.I4	Dr. Vu Ngoc Hung
	S2.O4	Prof. Do Quoc Tuan	S3.O6	Mr. Lam Huu Minh	S4.I6	Dr. Nghiem Nguyen Viet Dung	S6.O3	Dr. Mai Thi Thu	S7.O1	Mr. Le Duc Tam
15:10 - 15:25	Coffee break									
15:25 – 16:00	Poster session 2: (S1.P)7, 8, 9, 10, 11, 12; (S3.P)8, 9, 10, 11, 12, 13, 14; (S4.P)6, 7, 8, 9, 10; (S5.P)10, 11, 12, 13, 14, 15, 16, 17, 18; (S6.P)23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43; (S7.P)5, 6, 7, 8;									
16:00 - 17:00	Parallel Sessions									
	Room 1: 104 A8 (Session 1)		Room 2: 201 A8 (Session 3)		Room 3: 202 A8 (Session 4)		Room 4: Meeting Room 3-2nd Floor A10 (Session 6)		Room 5: Grand Hall-2nd Floor A10 (Session 7)	
	Chairperson: Tran Chien Thang		Chairperson: Dang The Hung		Chairperson: Hung Nguyen		Chairperson: Bui Van Hao		Chairperson: Nguyen Van Du	
	PID	PRESENTER	PID	PRESENTER	PID	PRESENTER	PID	PRESENTER	PID	PRESENTER
	S1.I8	Prof. Dang Van Soa	S3.O7	Prof. Young-Gwan Choi	S4.O1	Dr. Le Tan Phuc	S6.I5	Prof. Le Manh Tu	S7.I5	Dr. Tran Manh Trung
	S1.I9	Dr. Reinard Primulando	S3.O8	Dr. Nguyen Ngoc Linh	S4.O2	Mr. Doan Manh Duc	S6.O4	Mr. To Toan Thang	S7.O2	Dr. Vu Duy Linh
	S1.I10	Dr. Cao Van Son (onl)	S3.O9	Prof. Seok Joon Yun	S4.O3	Mr. Marc Andrie M. Bermundo (onl)	S6.O5	Dr. Tran Nguyen Minh Anh	S7.O3	Mr. Tran Vu Hung Anh
17:10 – 17:25	Closing ceremony, 2nd floor A9-A10 grand hall									
	Closing speech by Conference chair & Best poster prize announcement									
17:25 – 18:45	Film screen on John von Neumann, 2nd floor A9-A10 grand hall									
15-Oct	Post-conference Excursion									

- Session 1: High Energy Physics
- Session 2: Astrophysics and Cosmology
- Session 3: Condensed Matter Physics and Computational Physics
- Session 4: Quantum Computation and Engineering
- Session 5: Nuclear Science and Technology
- Session 6: Materials Science and Semiconductor Technology
- Session 7: Applied and Engineering Physics