

FP2025 2nd BoD resolution 1

Proposal: Change name of U30 Award

Kunioki Mima outstanding U30 Doctoral Scientist / Student Award

2025.02.08 M. Kikuchi, CEO

AAPPS-DPP U30 Doctoral Scientist / Student Award may be renamed as Kunioki Mima outstanding U30 Doctoral Scientist / Student Award subject to BoD agreement. Prof. Mima is one of 92 founders of AAPPS-DPP in 2014 and was I-HAC vice chair since 2020. He is also a founder of “AAPPS-DPP U30 Doctoral Scientist / Student Award under the sponsorship of IFE Forum since 2018. He chaired U30 selection committee since 2018 till 2024 and finalized 2024 winners in hospital in September, 2024. He recently passed on January 5.

Prof. Kunioki Mima (1945-2025) is known for his contributions to the theory of turbulent transport in plasmas and in particular the Hasegawa–Mima equation in 1977. He was a co-recipient of the 1993 John Dawson Award for Excellence in Plasma Physics Research, and won 2007 Edward Teller Award, and jointly awarded the 2011 Hannes Alfvén Prize with Akira Hasegawa and Patrick H. Diamond. He published 636 papers in refereed journals.



EPS2011 Alfvén Prize winning talk by Prof. Kunioki Mima

<https://iopscience.iop.org/article/10.1088/0741-3335/53/12/120201/pdf>

Appendix: Major publication of Professor Kunioki Mima

Citations: Authors, Title, etc.

- 1282: R Kodama, PA Norreys, K Mima, AE Dangor, -, Fast heating of ultrahigh-density plasma as a step towards laser fusion ignition, *Nature*, 2001
- 1193: A Hasegawa, K Mima, Pseudo-three-dimensional turbulence in magnetized nonuniform plasma, *The physics of Fluids*, 1978
- 1039: Y Kato, K Mima, N Miyanaga,--, Random phasing of high-power lasers for uniform target acceleration and plasma-instability suppression, *Physical Review Letters*, 1984
- 700: R. Kodama, ..., KM Krushelnick, KL Lancaster, K Mima, K Nagai..., Fast heating scalable to laser fusion ignition, - *Nature*, 2002
- 680: H Takabe, K Mima, L Montierth, RL Morse, Self-consistent growth rate of the Rayleigh–Taylor instability in an ablatively accelerating plasma, - *The Physics of fluids*, 1985
- 631: K. Nakajima, ..., K Mima, H Shiraga, --, Observation of ultrahigh gradient electron acceleration by a self-modulated intense short laser pulse, *Physical Review Letters*, 1995
- 562: A Hasegawa, K Mima , Stationary spectrum of strong turbulence in magnetized nonuniform plasma, - *Physical Review Letters*, 1977
- 455: A Hasegawa, K Mima, M Duong-van , Plasma distribution function in a superthermal radiation field, - *Physical Review Letters*, 1985
- 430: T. Zh. Esirkepov,--, N Miyanaga, K Mima , Plasma physics and radiation hydrodynamics in developing an extreme ultraviolet light source for lithography, *Physics of ...*, 2008
- 372: ZM Sheng, K Mima, J Zhang, H Sanuki , Emission of electromagnetic pulses from laser wakefields through linear mode conversion, - *Physical review letters*, 2005
- 342: Y. Kitagawa, ..., K Sawai, K Matsuo, K Mima, K Nishihara, Beat-wave excitation of plasma wave and observation of accelerated electrons, ... - *Physical review ...*, 1992
- 285: ZM Sheng, K Mima, Y Sentoku, MS Jovanović, Stochastic heating and acceleration of electrons in colliding laser fields in plasma, ... - *Physical review ...*, 2002
- 269: Y Sentoku, K Mima, P Kaw, K Nishikawa , Anomalous resistivity resulting from MeV-electron transport in overdense plasma, - *Physical Review Letters*, 2003
- 255: Y Sentoku, K Mima, H Ruhl, Y Toyama, R Kodama, Laser light and hot electron micro focusing using a conical target, ... - *Physics of ...*, 2004 -
- 247: H. Azechi, ..., T Jitsuno, T Kanabe, M Katayama, K Mima, High-density compression experiments at ILE, Osaka, ... - *Laser and Particle ...*, 1991
- 235: A Hasegawa, K Mima , Anomalous transport produced by kinetic Alfvén wave turbulence, - *Journal of Geophysical Research ...*, 1978
- 229: A Hasegawa, K Mima , Exact solitary Alfvén wave, - *Physical Review Letters*, 1976
- 227: M. Tabak, ..., R Stephens, EM Campbell, R Kodama, K Mima..., Review of progress in fast ignition, - *Physics of ...*, 2005
- 224: S. Fujioka, ..., T Nishikawa, N Miyanaga, Y Izawa, K Mima , Opacity effect on extreme ultraviolet radiation from laser-produced tin plasmas, - *Physical review ...*, 2005
- 217: Y. Sentoku, ..., K Flippo, A Maksimchuk, K Mima, High-energy ion generation in interaction. of short laser pulse with high-density plasma, *Applied Physics B*, 2002
- 203: Wei Yu, ..., V Bychenkov, Y Sentoku, MY Yu, ZM Sheng, K Mima, Electron acceleration by a short relativistic laser pulse at the front of solid targets, - *Physical review ...*, 2000
- 198: Y. Sentoku, ..., Y Kato, K Mima, K Nishihara, High density collimated beams of relativistic ions produced by petawatt laser pulses in plasmas, ... - *Physical Review E*, 2000
- 197: H Daido, F Miki, K Mima, M Fujita, K Sawai, H Fujita, Generation of a strong magnetic field by an intense laser pulse, ... - *Physical review ...*, 1986
- 194: K. Nishihara, ..., Y Izawa, N Miyanaga, K Mima , Plasma physics and radiation hydrodynamics in developing an extreme ultraviolet light source for lithography, *Physics of ...*, 2008
- 177: Y Sentoku, K Mima, S Kojima, H Ruhl - , Magnetic instability by the relativistic laser pulses in overdense plasmas, *Physics of Plasmas*, 2000
- 177: KA Tanaka, ..., M Heya, N Izumi, Y Kato, Y Kitagawa, K Mima, Studies of ultra-intense laser plasma interactions for fast ignition, ... - *Physics of ...*, 2000
- 174: Y. Murakami, ..., K Mima, Observation of proton rear emission and possible gigagauss scale magnetic fields from ultra-intense laser illuminated plastic target, *Physics of*, 2001
- 169 : S Nakai, K Mima, Laser driven inertial fusion energy: present and prospective, - *Reports on Progress in Physics*, 2004
- 167: Y Sentoku, --, K Mima, K Nishihara, Bursts of superreflected laser light from inhomogeneous plasmas due to the generation of relativistic solitary waves, *Physical review ...*, 1999
- 165: T Nakamura, S Kato, H Nagatomo, K Mima , Surface-Magnetic-Field and Fast-Electron Current-Layer Formation by Ultraintense Laser Irradiation, - *Physical review letters*, 2004
- 165: ZM Sheng, Y Sentoku, K Mima, -, Angular Distributions of Fast Electrons, Ions, and Bremsstrahlung x' -Rays in Intense Laser Interaction --, *Physical review*, 2000
- 158: Y. Sentoku, --ZM Sheng, K Mima, J Zhang, Powerful terahertz emission from laser wake fields excited in inhomogeneous plasmas, - *Physics of plasmas*, 2005
- 153: S. Fujioka, ..., G Zhao, J Zhang, K Mima, X-ray astronomy in the laboratory with a miniature compact object produced by laser-driven implosion, *Nature Physics*, 2009
- 153: Y Sentoku, H Ruhl, K Mima, R Kodama, Plasma jet formation and magnetic-field generation in the intense laser plasma under oblique incidence,- *Physics of ...*, 1999
- 152: K. Shigemori,-- H Takabe, K Mima , Measurements of Rayleigh-Taylor growth rate of planar targets irradiated directly by partially coherent light, - *Physical review ...*, 1997
- 147: TZ Esirkepov, Y Sentoku, K Mima, K Nishihara, Ion acceleration by superintense laser pulses in plasmas, ... - *Journal of Experimental ...*, 1999
- 141: S.V. Bulanov, ..., K Mima, NM Naumova, K Nishihara, Generation of collimated beams of relativistic ions in laser-plasma interactions, ... - *Journal of Experimental ...*, 2000
- 134: ZM Sheng, K Mima, J Zhang, Powerful terahertz emission from laser wake fields excited in inhomogeneous plasmas, - *Physics of plasmas*, 2005
- 133: WM Wang, ..., ZM Sheng, HC Wu, M Chen, C Li, J Zhang, K Mima , Strong terahertz pulse generation by chirped laser pulses in tenuous gases, - *Optics ...*, 2008
- 132: H. Azechi, ..., JG Wouchuk, H Takabe, K Nishihara, K Mima, Direct-drive hydrodynamic instability experiments on the GEKKO XII laser, ... - *Physics of ...*, 1997,
- 130: H Ruhl, Y Sentoku, K Mima, --, Collimated electron jets by intense laser-beam–plasma surface interaction under oblique incidence, - *Physical review letters*, 1999
- 129: N. Miyanaga, ..., Y Kawakami, Y Izawa, K Mima , 10-kJ PW laser for the FIREX-I program, - ... *de Physique IV ...*, 2006
- 127: N. Izumi, R Kodama, T Norimatsu, --, K Mima , Observation of neutron spectrum produced by fast deuterons via ultraintense laser plasma interactions, - *Physical Review E*, 2002
- 114: R. Koddama, ..., M Tsukamoto, H Hashimoto, Y Kato, K Mima , Study of laser-hole boring into overdense plasmas, - *Physical review ...*, 1996
- 114: S. Fujioka, --, Y Izawa, K Mima, Properties of ion debris emitted from laser-produced mass-limited tin plasmas for extreme ultraviolet light source --, *Applied Physics ...*, 2005
- 113: Y. Kishimoto, K Mima, T Watanabe, K Nishikawa, Analysis of fast-ion velocity distributions in laser plasmas with a truncated Maxwellian velocity --, *The Physics of fluids*, 1983
- 110: A Yogo, K Mima, N Iwata, S Tosaki, A Morace, Boosting laser-ion acceleration with multi-picosecond pulses, ... - *Scientific reports*, 2017
- 110: R. Kodama, ..., Y Kato, T Yamanaka, K Mima, Long-scale jet formation with specularly reflected light in ultraintense laser-plasma interactions, *Physical review ...*, 2000
- 104: R Kodama, K Mima, KA Tanaka, Y Kitagawa, Fast ignitor research at the institute of laser engineering, Osaka University, ... - *Physics of ...*, 2001
- 101: T Taguchi, TM Antonsen Jr, CS Liu, K Mima , Structure formation and tearing of an MeV cylindrical electron beam in a laser-produced plasma, - *Physical Review Letters*, 2001
- 100: H Cai, K Mima, --, Enhancing the Number of High-Energy Electrons Deposited to a Compressed Pellet via Double Cones in Fast Ignition, - *Physical review ...*, 2009

2-1 Current Status of Budget Support : Requests for finding sponsors

2025.02.08 M. Kikuchi (CEO)

Currently foreseen sponsors

1. IUPAP (efforts by R. Rawat, W. Choe) : 5,000 Euro
2. APCTP : to be applied by DPP chair [2,797USD(2024)]
3. IFE Forum (U30) : 350,000 JPY
4. Springer (U40): 1,000 USD (under consideration)
5. Elsevier (Fundamental Plasma Physics, Student poster):1,000USD (tbc)
6. MDPI (Plasma): [2023, poster advertisement] to be contacted.
7. LOC (M. Shiratani) applied JP World Exposition Commemorative fund Grant (5,000,000 JPY) : Outcome expected in March
8. ICTP : No support for DPP2025(ICTP funded 5,000Euro(DPP2023))
9. Chandra and PIP sponsor(2025): No sponsor [Sen got 9,000USD(2023)]
- 10.DPP/LOC will ask Nikkan Kogyo Communications for company exhibition Recruitment
- 11.We need more sponsors. Each BoD is asked to find sponsors.



Call for sponsorship: 9th Asia-Pacific Conference on Plasma Physics (AAPPS-DPP2025)

2025.01.20

To Whom It May Concern:

AAPPS-DPP CEO M. Kikuchi (AAPPS-DPP)
AAPPS-DPP2025 LOC Chair Masaharu Shiratani

The AAPPS-DPP thanks you for your continued encouragement and support of our activities. The AAPPS-DPP was established in 2014 as the first division under AAPPS (the Association of Asia Pacific Physical Societies) and has since then held in-person annual conferences in Chengdu (China, 2017), Kanazawa (Japan, 2018), Hefei (China, 2019). Due to the COVID-19 pandemic, the subsequent three annual conferences in 2020-2022 were held as online events. In light of the present easing of measures against COVID-19 in 2023, AAPPS-DPP2023 was held face-to-face in Nagoya, Japan. We also held 2024 annual conference (AAPPS-DPP2024) in person from November 3rd to 8th in Malacca, Malaysia. This year we will have AAPPS-DPP2025 from September 21 to 26 in Fukuoka, Japan.

Since their inception, these conferences have made steady progress in terms of scientific excellence and strength of attendance. In the previous conferences, researchers in various fields of plasma physics (plasma application, astronomical plasma, laser plasma, magnetic fusion plasma, etc.) actively exchanging information and presented their research. We had 695 participants in AAPPS-DPP2023 in Nagoya and 496 participants in AAPPS-DPP2024 in Malacca making our annual conferences remarkable international scientific events.

Apart from the scientific deliberations, an important highlight of these events is the honour we bestow on prominent researchers and the recognition we give to young and promising scientists. The awards include the "Chandrasekhar Prize of plasma physics" (named after Nobel Prize in physics Laureate Prof. S. Chandrasekhar) (<http://aappsdp.org/AAPPSDPPF/prizetable.html>), the "AAPPS-DPP Plasma Innovation Prize" for innovative works in plasma application (<http://aappsdp.org/AAPPSDPPF/innovprizetable.html>), the "Young Researcher Award" (<http://aappsdp.org/AAPPSDPPF/awardtable.html>) for significant research by the young researcher (U40), the "AAPPS-DPP U30 Doctoral Scientist / Student Award" sponsored by IFE forum (<http://aappsdp.org/AAPPSDPPF/U30awardtable.html>), and the "Poster Award" for excellent poster presentations (<https://www.aappsdp.org/AAPPSDPPF/posteraward.html>). These awards have been made possible over the years by the generous support of many benefactors like you and to whom we are deeply grateful.

We would like to appreciate your understanding and support for the above purpose. Forms of support include sponsorship, advertising, and exhibitions. If you agree, please fill out the attached AAPPS-DPP2025 Sponsorship, Advertisement, and Exhibition Application Form and contact us at the address below. Due to the nature of the international conference being held in English, we would like the advertisement and exhibition texts to be in English.

Contact address:

Name: Mitsuru Kikuchi (AAPPS-DPP Representative Director, CEO)

E-mail: aapps.dpp.ceo@gmail.com

Phone: +81-80-1115-3482

Application Form of AAPPS-DPP2025 Sponsorship, Advertisement, Exhibition

Date: 2025.01.20.

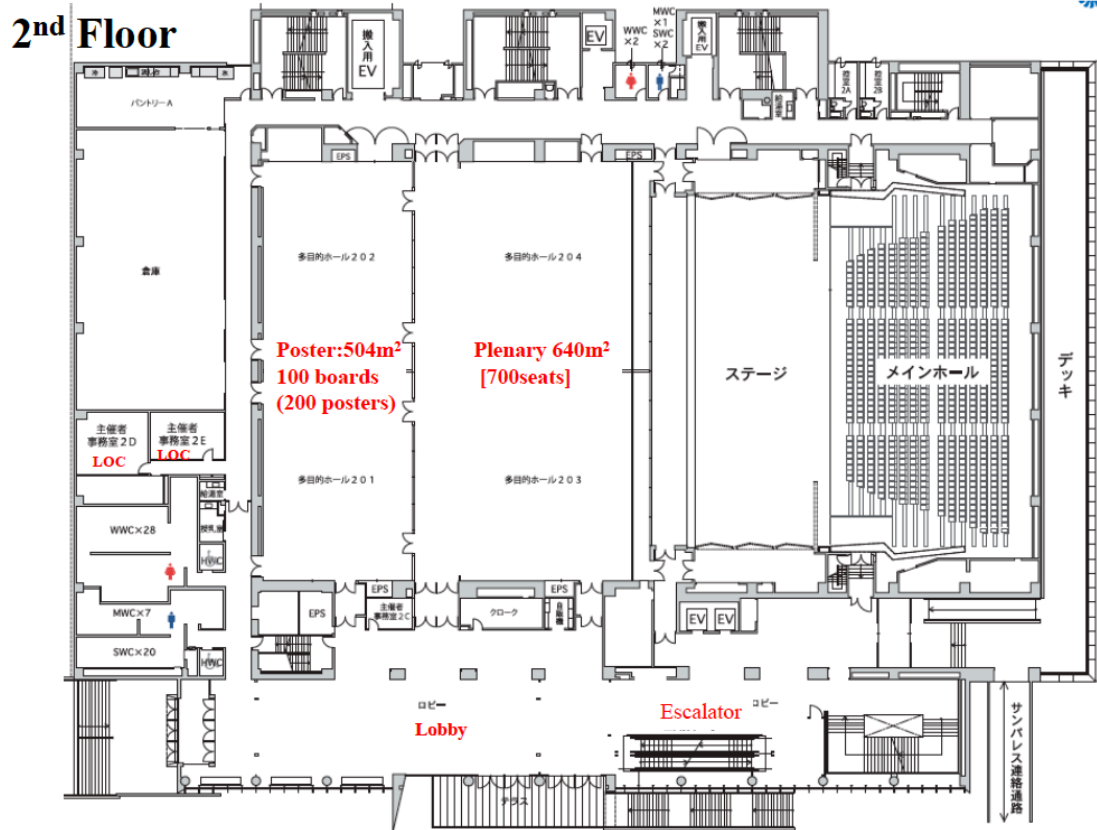
Name of Organization	
Types of support	<p>A. Sponsor: Name and LOGO (if ok) will be included at Conference Web and electronic program book as sponsor. Sponsorship price is 100kYen/unit. Sponsorship of multiple unit is welcomed. Attendance of two audiences to the conference is free per unit.</p> <p>B. Poster Advertisement: One-page Poster of B0 (1.03m x 1.456m) or A0 (0.841m x 1.189m) size will be displayed at the main conference hall. Price is 100kYen/Page. Attendance of one audience to the conference is free per unit. Poster can be sent to conference site or send one-page pdf file to CEO.</p> <p>C. Program Advertisement: One page advertisement will be included in the electronic program book. Price is 50kYen/Page. Send one-page pdf file to CEO.</p> <p>D. Room sponsor: Sponsor for topical session room. Sponsor name will be shown in small bulletin board. Sponsor name will be shown in the electronic program book. Company catalog can be placed at the session room. Price is 80kYen/Room. Attendance of an audience to the conference is free per a room sponsor.</p> <p>E. Exhibition: Company Exhibition space will be allocated in the poster session room (Event-hall 2/2) Each booth area is 2m x 1m, Price is 200kYen/booth. Attendance of two audiences to the conference is free per unit. Details will be notified from management contractor.</p> <p>F. Award Sponsor: S. Chandrasekhar Prize (5000USD), PIP (3000USD)</p>
Application types and price	<p>A. Sponsor: Unit, B. Poster Advertisement: Pages, C. Program Advertisement: Pages, D. Room Sponsor: Rooms, E. Exhibition: Booths, F. Award Sponsor: xxx USD for yyy Prize Total : JPY and USD</p>
Name and E-mail of Person-in-charge	<p>Name: _____ E-mail: _____</p>
Permission of LOGO to conference Web site and electronic program book	<p>Yes, No</p>
URL of your organization	

2-3 Status of Fukuoka2025

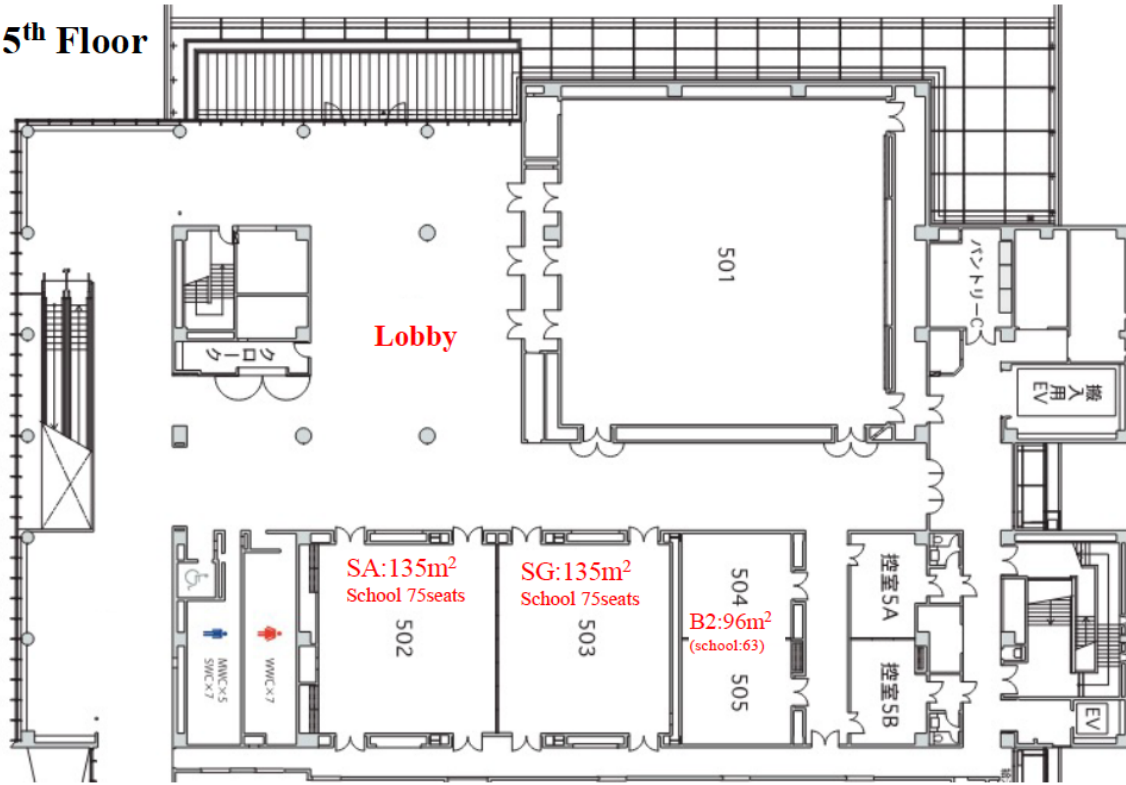
2025.02.08 M. Kikuchi, M. Shiratani

1. Room arrangement

Plenary and Topical session rooms are changed to meet targeted large participants after visiting Fukuoka Congress Center.



5th Floor



2. Program Overview

Version 2025.02.06

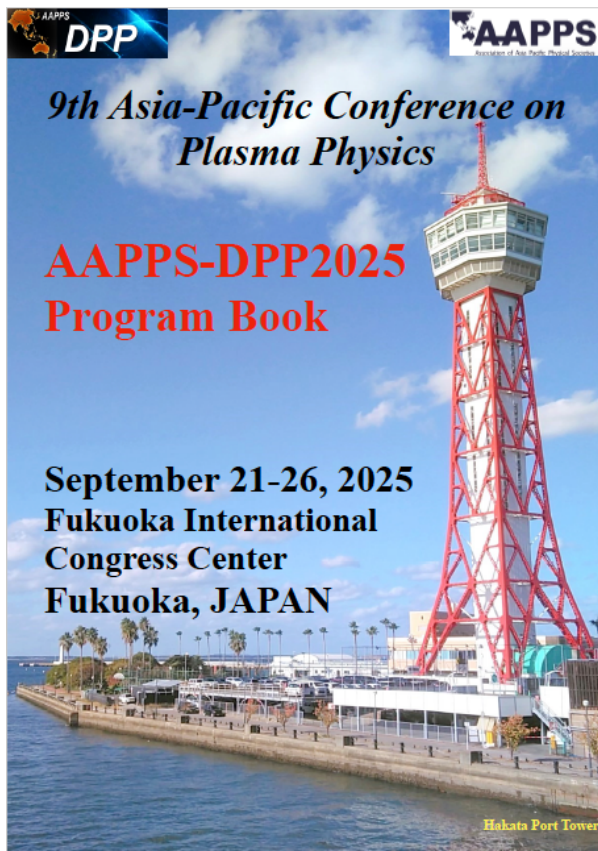
9th Asia-Pacific Conference on Plasma Physics (AAPPS-DPP 2025) Fukuoka International Congress Center 21-26, September, 2025

Sunday (2025.09.21)	Monday (2025.09.22)	Tuesday (2025.09.23)	Wednesday (2025.09.24)	Thursday (2025.09.25)	Friday (2025.09.26)
	Registration: 7:30~ 8:30-10:10: Opening (Chair: M. Shirafusa) <i>tbl</i>	Registration: 8:00~ 8:30-11:00: Plenary 2 Chairs:	Registration: 8:00~ 8:30-11:00: Plenary 4 Chairs:	Registration: 8:00~ 8:30-11:00: Plenary 6 Chairs:	Registration: 8:00~ 8:30-11:00: Plenary 8 Chairs:
	8:30-9:00: PL-5 9:00-9:30: PL-6 9:30-10:00: PL-7 10:00-10:30: PL-8	8:30-9:00: PL-5 9:00-9:30: PL-6 9:30-10:00: PL-7 10:00-10:30: PL-8	8:30-9:00: PL-13 9:00-9:30: PL-14 9:30-10:00: PL-15 10:00-10:30: PL-16	8:30-9:00: PL-21 9:00-9:30: PL-22 9:30-10:00: PL-23 10:00-10:30: PL-24	8:30-9:00: PL-29 9:00-9:30: PL-30 9:30-10:00: PL-31 10:00-10:30: PL-32
	10:10-11:00: Photo & Coffee Break	10:30-11:00: Coffee break	10:30-11:00: Coffee break	10:30-11:00: Coffee break	10:30-11:00: Coffee break
	11:00-13:00: Plenary 1 Chairs: 11:00-11:30: PL-1 Chandra lecture 11:30-12:00: PL-2 PIP lecture 12:00-12:30: PL-3 12:30-13:00: PL-4	11:00-13:00: Plenary 3 Chairs: 11:00-11:30: PL-9 11:30-12:00: PL-10 12:00-12:30: PL-11 12:30-13:00: PL-12	11:00-13:00: Plenary 5 Chairs: 11:00-11:30: PL-17 11:30-12:00: PL-18 12:00-12:30: PL-19 12:30-13:00: PL-20	11:00-13:00: Plenary 7 Chairs: 11:00-11:30: PL-25 11:30-12:00: PL-26 12:00-12:30: PL-27 12:30-13:00: PL-28	11:00-13:00: Plenary 9 Chairs: 11:00-11:30: PL-34 11:30-12:00: PL-35 12:00-12:30: PL-36 12:30-13:00: PL-37
	13:00-14:00: Lunch 13:00-14:00: WIPP WS(1) room 410	13:00-14:00: Lunch 13:00-14:00: WIPP WS(2) room 410	13:00-14:00: Lunch 13:00-14:00: BoD	13:00-14:00: Lunch 13:00-14:00: I-HAC	13:00-14:00: Lunch
	14:00-16:10: Topical 1 A1-1 (402+403) A2-1 (405+406) MF1-1 (409) MF2-1 (410) L1-1(411) L2-1(412) B1-1(401) B2-1(504+505) SG-1(503) SA-1(502) F-1(414) CD-1(413)	14:00-16:10: Topical 3 A1-3 (402+403) A2-3 (405+406) MF1-3 (409) MF2-3 (410) L1-3(411) L2-3(412) B1-3(401) B2-3(504+505) SG-3(503) SA-3(502) F-3(414) CD-3(413)	14:00-16:10: Topical 5 A1-5 (402+403) A2-5 (405+406) MF1-5 (409) MF2-5 (410) L1-5(411) L2-5(412) B1-5(401) B2-5(504+505) SG-5(503) SA-5(502) F-5(414) CD-5(413)	14:00-16:10: Topical 7 A1-7 (402+403) A2-7 (405+406) MF1-7 (409) MF2-7 (410) L1-7 (411) L2-7 (412) B1-7 (401) B2-7 (504+505) SG-7 (503) SA-7 (502) F-7 (414) CD-7 (413)	14:00-16:10: Topical 9 A1-9 (402+403) A2-9 (405+406) MF1-9 (409) MF2-9 (410) L1-9 (411) L2-9 (412) B1-9 (401) B2-9 (504+505) SG-9 (503) SA-9 (502) F-9 (414) CD-9 (413)
	16:10-16:30: Coffee Break	16:10-16:30: Coffee Break	16:10-16:30: Coffee Break	16:10-16:30: Coffee Break	16:10-16:30: Coffee Break
	16:30-18:40 Topical 2 A1-2 (402+403) A2-2 (405+406) MF1-2 (409) MF2-2 (410) L1-2(411) L2-2(412) B1-2(401) B2-2(504+505) SG-2(503) SA-2(502) F-2(414) CD-2(413)	16:30-18:40 Topical 4 A1-4 (402+403) A2-4 (405+406) MF1-4 (409) MF2-4 (410) L1-4(411) L2-4(412) B1-4(401) B2-4(504+505) SG-4(504) SA-4(502) F-4(414) CD-4(413)	16:30-18:40 Topical 6 A1-6 (402+403) A2-6 (405+406) MF1-6 (409) MF2-6(410) L1-6(411) L2-6(412) B1-6(401) B2-6(504+505) SG-6(503) SA-6(502) F-6(414) CD-6(413)	16:30-18:40 Topical 8 A1-8 (402+403) A2-8 (405+406) MF1-8 (409) MF2-8 (410) L1-8(411) L2-8(412) B1-8(401) B2-8(504+505) SG-8(503) SA-8(502) F-8(414) CD-8(413)	16:30-18:40 Topical 10 A1-10 (402+403) A2-10 (405+406) MF1-10 (409) MF2-10 (410) L1-10(411) L2-10(412) B1-10(401) B2-10(504+505) SG-10(503) SA-10(502) F-10(414) CD-10(413)
	19:30 ~: Reception for VIP	18:30-19:50: EV-2 (410) 8 th General Assembly		19:00-22:00: Conference Dinner at <i>tbl</i>	

Note: Set up of poster session and core time may change according to poster submission. Core time: Author should stay in front of poster to discuss with audience.

3. Program Book

Unlike Nagoya, we did not provide program book in Malacca. DPP will provide program book for Fukuoka2025. Front and back pages are designed by Uesugi-san.



Check the web site shown below how to get to the Conference Venue, <https://www.marinesesse.or.jp/en/congress/access/#bus>

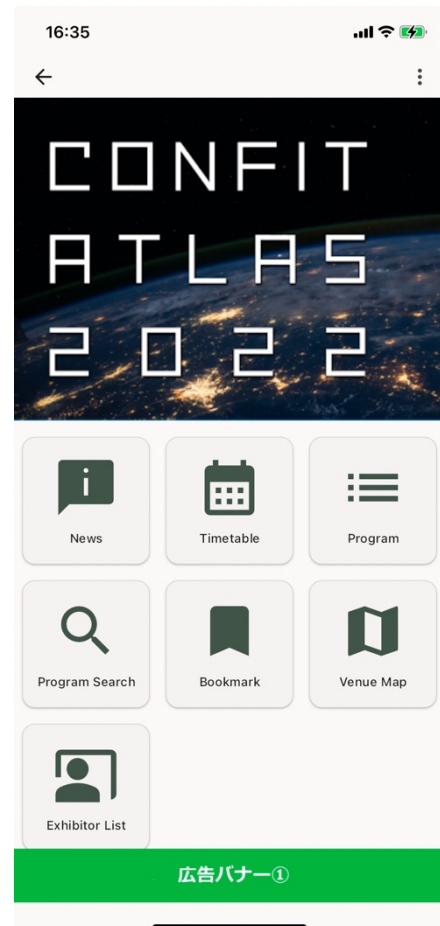


4. Conference Web site and Smartphone application

Conference Web site is compatible with both PC and smartphone. DPP can also provide smartphone application called “Confit”, which is developed in Japan at the request of Rawat-san. Please download **Confit** from smartphone download site and check if this is useful. For Japanese BoD member, you need to switch your language to English to see English Version.

5. Reception and Banquet

Venues of reception and banquet are under investigation to see cost per performance. Reception may be 501 and lobby of Fukuoka International congress center in parallel with conference registration.



2-4 AAPPS-DPP 2026

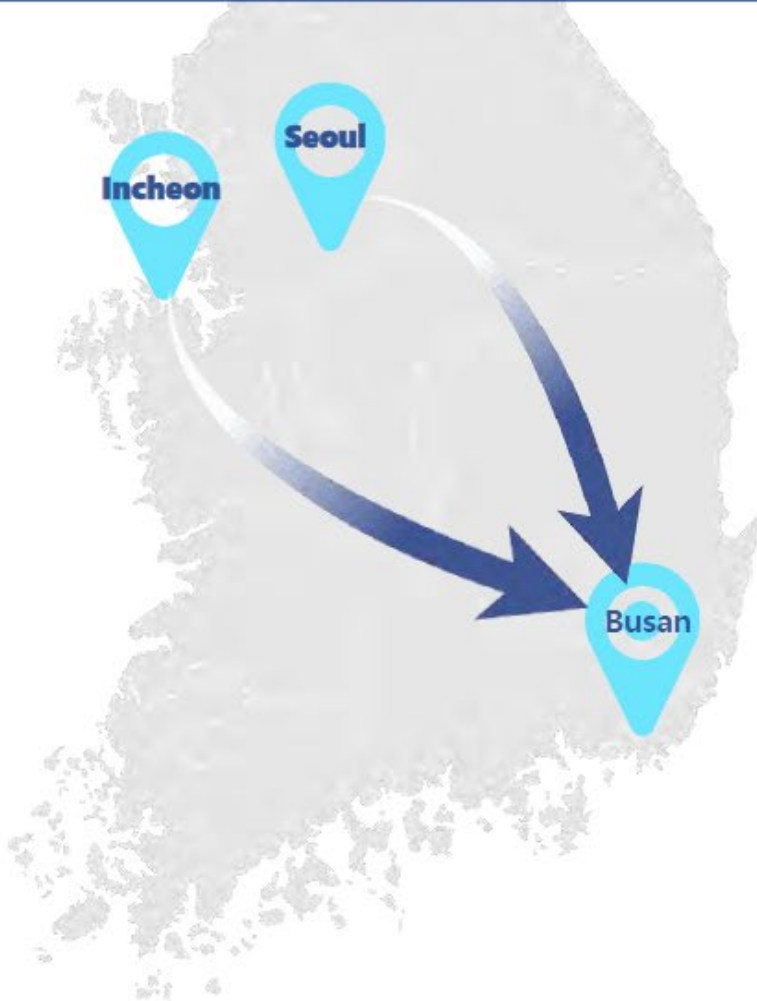
11-17 October 2026

Busan, BPEX

(Busan Port International Exhibition & Convention Center)



Plenty of transit options from Seoul



By Air

Gimpo-Gimhae

50 min

84 flights / day



Domestic Transfer Flights

Incheon-Gimhae

50 min

8 flights / day

NEW



KTX

Incheon-Busan

2 hours 30 min

Planned for 2025



KTX

서울-부산

2 hours 30 min

65 trains / day



SRT

수서-부산

2 hours 20 min

40회 운행 / 일

Original Downtown

Busan's Old Downtown Area

- ✓ BPEX and hotels within walking distance from Busan station
- ✓ At the heart of Busan's North Port Redevelopment
- ✓ 5,272 Rooms in hotels, hostels etc

- Metro, buses, taxis to Busan Train Station
- < 10 min walk from Busan Station to BPEX



Experience with BPEX



iFPC & OS 2023 at the BPEX

The 2nd International Fusion and Plasma Conference



The 13th International Conference on Open Magnetic Systems
for Plasma Confinement

Date : August 21st – 25th, 2023

Participants : 413

160 Posters during the Poster Session

15 Plenary Sessions

36 Breakout Sessions

Time / Date	August 22 (Tuesday)					
09:00-10:20	<p>[Plenary Session 4] *ORNL's Role in Enabling an Aggressive US Fusion Energy Program* Dr. Mickey WADE (ORNL, USA) *Session Chair : Dr. Si-Woo YOON (KFE, Kroea)</p>					
	<p>[Plenary Session 5] *Leadership in the Era of the 4th Industrial Revolution!* Dr. ChulJoo HWANG (Jusung Engineering, Korea) *Session Chair : Prof. Chi Kyu CHOI (Jeju Nat'l Univ., Korea)</p>					
10:20-10:40	Coffee Break					
	Room A (Conference Hall C)	Room B (Conference Hall D)	Room C (Meeting Room 3+4)	Room D (Meeting Room 6+7)	Room E (Meeting Room 8+9)	Room F (Event Hall A)
10:40-12:00	<p>[Tu1A] 3D Physics *Session Chair : Prof. Jong-Kyu PARK (Seoul Nat'l Univ., Korea)</p>	<p>[Tu1B] Plasma Material *Session Chair : Prof. Sooseok CHOI (Jeju Nat'l Univ., Korea)</p>	<p>[Tu1C] ITER Technology (2) *Session Chair : Dr. Munseong CHUJON (KFE, Korea)</p>	<p>[Tu1D] Low Temperature Plasma Application *Session Chair : Dr. Jin Seok KIM (Tokyo Electron, Japan)</p>	<p>[Tu1E] Advanced Accelerators *Session Chair : Prof. Seong Hae PARK (Korea Univ. Sejong Campus, Korea)</p>	<p>[Tu1F] Divertor/Material in OS *Session Chair : Prof. Mizuki SAKAMOTO (Univ. of Tsukuba, Japan)</p>
12:00-13:30	Lunch Time					
13:30-14:50	<p>[Plenary Session 6] *Laser Fusion and Laser Plasma Physics* Prof. Kunioki MIMA (Osaka Univ., Japan) *Session Chair : Prof. Hong Jin KONG (KAIST, Korea)</p>					
	<p>[Plenary Session 7] *Initial Commissioning of the RAON Superconducting Linac and Its Future Perspective* Dr. Dong-O JEON (IBS, Korea) *Session Chair : Prof. Hyyong SUK (GIST, Korea)</p>					
14:50-15:05	Break					
	Room A (Conference Hall C)	Room B (Conference Hall D)	Room C (Meeting Room 3+4)	Room D (Meeting Room 6+7)	Room E (Meeting Room 8+9)	Room F (Event Hall A)
15:05-16:25	<p>[Tu2A] Scenario & Modeling (1) *Session Chair : Dr. Wonha KO (KFE, Korea)</p>	<p>[Tu2B] Plasma Hydrogen Production *Session Chair : Dr. Daehoon LEE (KIMM, Korea)</p>	<p>[Tu2C] Heating and Current Drive System *Session Chair : Dr. Sonjong WANG (KFE, Korea)</p>	<p>[Tu2D] Modeling and Simulation *Session Chair : Prof. Yangyang FU (Tsinghua Univ., China)</p>	<p>[Tu2E] Laser Fusion *Session Chair : Prof. Byoung-ick CHO (GIST, Korea)</p>	<p>[Tu2F] Plasma Rotation and Flow *Session Chair : Prof. Cary FOREST (Univ. of Wisconsin- Madison, USA)</p>
16:25-16:40	Break					
16:40-18:00	Poster Session 2					

Experience with BPEX

Images from iFPC&OS2023 at BPEX



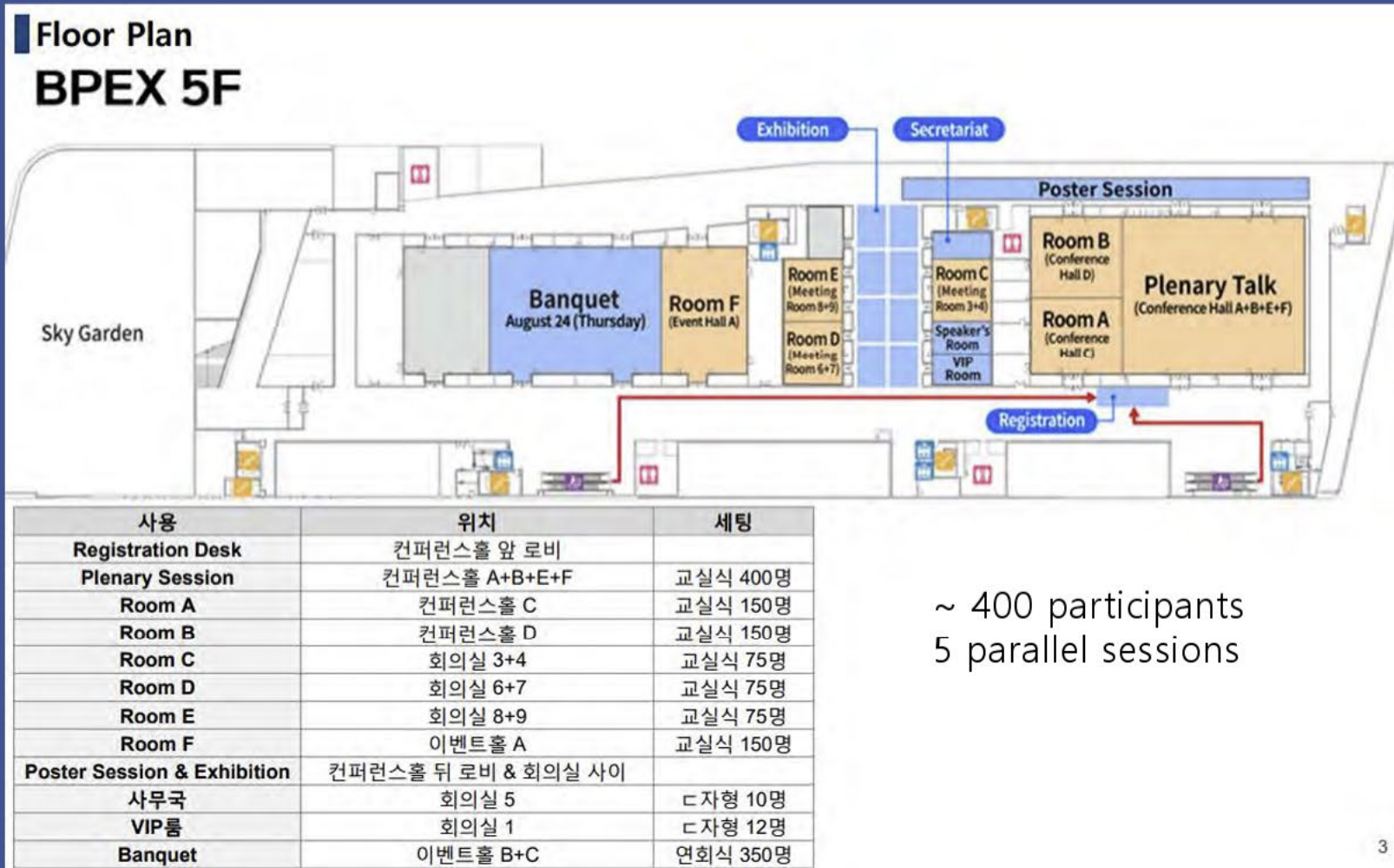
Plenary Session



Parallel Session

Experience with BPEX

Layout of BPEX for iFPC&OS2023 at BPEX

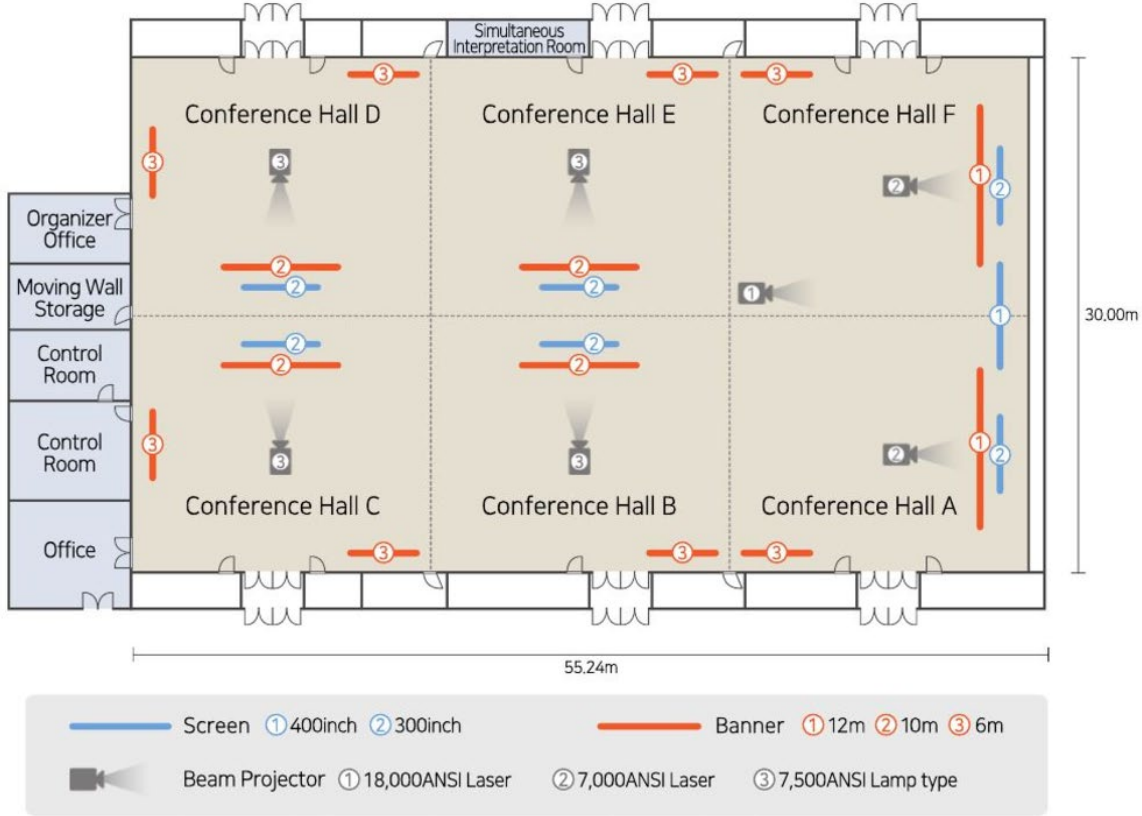


Layout of BPEX



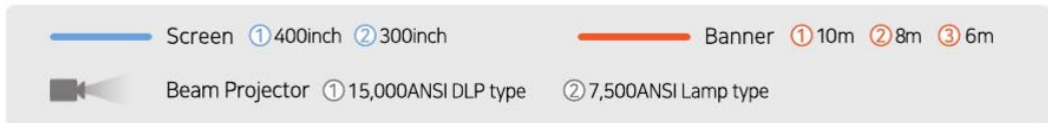
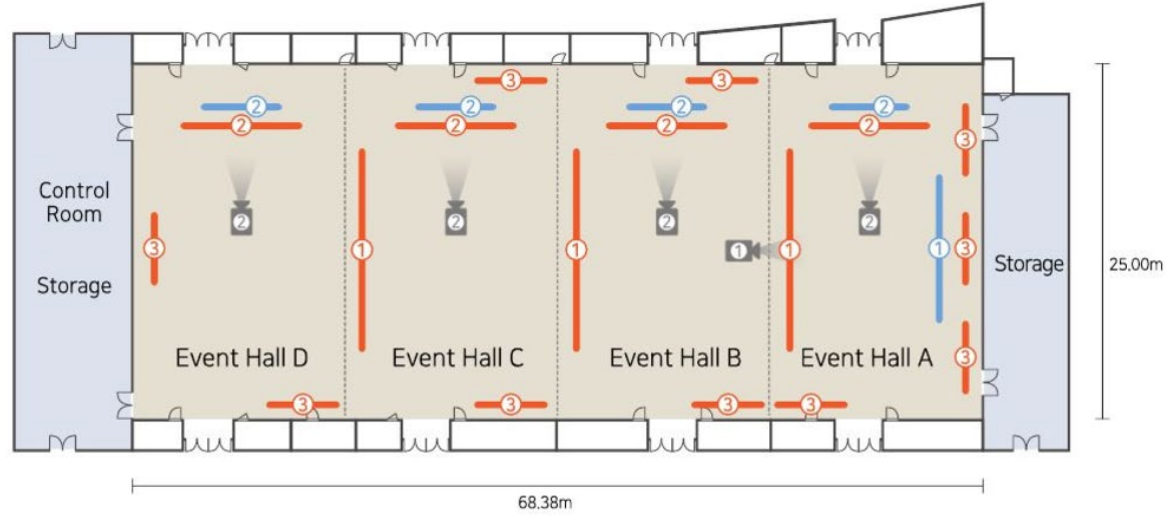
By Floor	Purpose	
5th Floor	Busan Port International Exhibition & Convention Center	BPEX
4th Floor	Office, Machine Rooms	
3rd Floor	Departure Terminal, Convenience Facilities	Busan Port International Passenger Terminal (Osaka, Fukuoka, Shimonoseki)
2nd Floor	Arrival Terminal, Convenience Facilities	
1st Floor	Parking Lot	

Conference Hall



Hall Name	Area(m ²)	Specification(m) (Width x Length x Height)	Capacity (number of occupants)		
			Theater	Classroom	Banquet
A	283.99	18.93×15.00×8.00	310	160	160
B	271.69	18.11×15.00×8.00	305	150	150
C	273.01	18.20×15.00×8.00	305	150	150
D	273.01	18.20×15.00×8.00	305	150	150
E	271.69	18.11×15.00×8.00	305	150	150
F	283.99	18.93×15.00×8.00	310	160	160
Total	1,657.38	-	1,840	920	920

Event Hall



Hall Name	Area(m ²)	Specification(m) (Width x Length x Height)	Capacity (number of occupants)		
			Theater	Classroom	Banquet
A	427.97	17.12×25.00×7.00	510	250	250
B	426.82	17.07×25.00×7.00	505	250	250
C	426.82	17.07×25.00×7.00	505	250	250
D	427.97	17.12×25.00×7.00	510	250	250
Total	1,709.58	-	2,030	1,000	1,000

Issues to discuss

- Estimation of how many rooms (sessions) we will need
 - Finalize discussion/negotiation with BPEX
- BPEX requests 20% deposit for finalizing reservation (~1.5M Yen)
- Siwoo Yoon will organize a meeting with M. Kikuchi san soon to discuss details.

2-5 I-HAC TOR and 2025 Membership

Terms of Reference of International Honorary Advisory Committee (I-HAC)

2025.2.08 CEO, Chair, chair-elect

1. Background

Division of Plasma Physics (DPP) was founded in 2014 as a voluntary organization along with the establishments of Executive Committee (ExCo) and International Honorary Advisory Committee (I-HAC). The responsibility of I-HAC then was to provide, when requested, advices to ExCo on issues of DPP operations. For examples, ExCo set charges to I-HAC on 1) Foundation of S. Chandrasekhar Prize (2014), 2) Foundation of AAPPS-DPP journal “Reviews of Modern Plasma Physics (RMPP)” (2016). Based on positive I-HAC recommendations, DPP started S. Chandrasekhar Prize as annual prize from 2014, and RMPP has been published by Springer since 2017.

Since 2019, DPP changed its legal status to General Incorporated Association registered at Ministry of Justice in Japan in order to handle budget matters.

Here, we set terms of reference of I-HAC as a standing committee based on Article 4 (4) and Article 30 (1) of our society (Articles of Incorporation of AAPPS-DPP at <https://www.aappsdp.org/DPPhoujin/teikan.html>).

2. Terms of reference of I-HAC

Article 1: Name

This committee is called International Honorary Advisory Committee or I-HAC in short.

Article 2: Composition of I-HAC

I-HAC is composed of a chair, a vice chair and members, who are distinguished senior scientists in various sub-disciplines of plasma physics in the AAPPS region, as well as representatives from APS and EPS region. I-HAC chair, vice chair and members are appointed by DPP chair and CEO upon approval by BoD.

Article 3: Call for I-HAC and its operation

This committee is a standing committee functioning as advisory body on important matters as requested by the Board of Directors of AAPPS-DPP. Charges to the I-HAC will be issued by DPP chair and CEO based on the BoD decision.

I-HAC chair will chair the I-HAC meeting and provide recommendations to BoD as requested.

Composition of I-HAC2025

#	Name	Function	Region
1	Liu Chen	Chair	CN/US
2	Chang Hee Nam	Vice Chair	KR
3	Akira Hasegawa	F	JP
4	Patrick Diamond	F	US/CN
5	Taik-Sue Hahm	F	KR
6	Abhijit Sen	B	IN
7	Lin I	B	TW
8	AA Mamun	B	BG
9	Vinod Krishan	B	IN
10	Tomo-Hiko Watanabe	B	JP
11	Masaru Hori	A	JP
12	Yi-Kang Pu	A	CN
13	Jung-Sik Yoon	A	KR
14	Archana Sharma	A	IN
15	NAS Amin	A	MY
16			
17	Zheng-Ming Sheng	L	CN
18	Ryosuke Kodama	L	JP
19	Pisin Chen	L	TW
20	Toshiki Tajima	L	US/JP
21	Amita Das	L	IN
22	Sylvie Jacquemot	L	EPS
23	Seong-Hee Park	L	KR
24	Lou C. Lee	SG	TW
25	Masahiro Hoshino	SG	JP
26	Abraham Chian	SG	AU
27	Peter Yoon	SG	US/KR
28	Donald B. Melrose	SG	AU
29	Kazunari Shibata	SA	JP
30	Arnab R. Choudhuri	SA	IN
31	Ellen Zweibel	SA	APS
32	GC Anupama	SA	IN
33	Won Namkung	MF	KR
34	YeongKook OH	MF	KR
35	Jiangang Li	MF	CN
36	Xuru Duan	MF	CN
37	Baonian Wan	MF	CN
38	Katsumi Ida	MF	JP
39	Yukitoshi Miura	MF	JP
40	Tawachai Onjun	MF	TH

Note: Female members accepted. Male members are subject to their acceptance.

2-6 Call for Local Organizer of AAPPS-DPP2027,2028 and beyond

2025.2.10 AAPPS-DPP Board of Directors

AAPPS-DPP held face-to-face annual conference in Chengdu(2017), Kanazawa(2018), Hefei(2019), Nagoya(2023), Malacca(2024) and will have Fukuoka(2025) and Busan(2026). We welcome proposal of conference site and local organizer for 2027, 2028 and beyond. Please submit your proposal.

Condition:

1. **Organizer and financial authority:** AAPPS-DPP is conference organizer and will have financial authority. Registration fee and other income will be collected by DPP. Contract to conference venue (hotel) will be made directly by AAPPS-DPP.
2. **LOC:** LOC is responsible for the technical operation under AAPPS-DPP. Key LOC members should have experience of operating large international conferences. For LOC expenses, LOC must be able to create bank account so that DPP can transfer money. All LOC expense plan must be approved beforehand by DPP CEO and DPP vice chair for budget. Expenses not approved may not be reimbursed.
3. **VISA:** LOC has to provide efficient VISA application responsibility so that no one will fail to join annual conference. LOC needs to assure that there is no visa restrictions for the participants.
4. **Venue room specification:** Venue should include Plenary Hall capable of 500 seats, 12 parallel session rooms whose capacity is over 50-70 seats depending on number of participants, good audio system and projectors, poster session room allowing 200 posters/day and 14 exhibitions or more depending on number of participants. Conference schedule similar to Fukuoka2025 time table should be able to accommodate.
5. **Venue Cost:** Reasonable venue rent cost for a week (Kanazawa: 10% of total expenditure). Provision of free poster boards, pointers, projectors etc. from LOC are added value.
6. **Accommodation:** There should be reasonable price/ special room rate hotels with good accessibility to conference venue. LOC to provide hotels information.
7. **Meal arrangement:** Availability of restaurants and other eating places close to conference venue. For evening session, LOC to provide light meal.
8. **Reception:** LOC to provide free reception for 100-200 participants (cost will be reimbursed from DPP).
9. **Coffee break:** LOC to provide drink (tea, coffee, water) and snacks during coffee break (cost will be reimbursed from DPP).
10. **Local financial supports:** Existence of local (city, prefecture, etc.) financial supports are highly preferable.
11. **Banquet:** LOC to provide arrangement of conference dinner. Attraction during banquet provided by LOC is highly appreciated.
12. **Sponsor:** Existence of local sponsor, company exhibition/advertisement is highly appreciated.
13. **Local attraction:** LOC to provide local information including sightseeing places and local tour.
14. **Access, Climate and Emergency assistance:** LOC to provide access instruction from abroad, climate condition, assistance in case emergency of participants (health, accidents).
15. **Expected local participants:** LOC to bring local participants of ~100 or more. Reduced fee for local participants are subject to agreement with AAPPS-DPP.
16. **Conference week:** Proposed conference week should be September-November and not have conflict with other major plasma conferences.
17. Proposal should be submitted to CEO (aapps.dpp.ceo@gmail.com) by February 28. BoD will decide 2027, 2028 venues by March 30 based on information provided.

AAPPS-DPP Annual Conference Invitation form

#	Item	Proposal
1	Proposer names and affiliations	1. 2. 3.
2	Proposed year and week	a) 2027, 2028, --- b) Sept/Oct./Nov. xx-yy
3	Name and address of venue	
4	Main Hall capacity	
5	Parallel session room capacities	
6	VISA support	
7	Venue expected cost (JPY)	
8	Accommodation	
9	Meal arrangement	
10	Reception	
11	Coffee break	
12	Local financial supports	
13	Banquet	
14	Sponsor	
15	Local attraction	
16	LOC bank account	
17	Operational experiences of large conference by LOC	
18	Other information/services	


2-7 Status of APPC-16 DPP program preparation

appc16.scimeeting.cn/en/web/index/24735

LIBRIS NTU Learn (Blackboa... OCBC Bank HDFC Bank Manulife Customer... IGEMS - Sign In RajdeepRAWAT Prof... Google mit plasma science... Investment-linked p... Life Insurance Corp... https://www.ipho20...

OVERVIEW COMMITTEES PROGRAM ABSTRACT SUBMISSION REGISTRATION INSTRUCTION VENUE & TRANSPORTATION SPONSORSHIP & EXHIBITION ABOUT TRAVEL

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CONTACT US



APC16

THE 16TH ASIA PACIFIC PHYSICS CONFERENCE

OCTOBER 19 – 24, 2025

HAIKOU, CHINA 中国 海口

COUNTDOWN

252 : **08** : **34** : **03**
DAY HOUR MIN SEC

2-7 Status of APPC-16 DPP program preparation

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ABOUT
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TOPICS

1. Astrophysics, Cosmology, and Gravitation
2. Atomic and Molecular Physics & Optics
3. Condensed Matter Physics
4. Nuclear Physics
5. Particles and Fields
6. Physics Education
7. Plasma Physics
8. Quantum Information
9. Semiconductor and Applied Physics
10. Statistical and Biological Physics



Important Dates

Abstract submission:	March 1 – August 15, 2025
Notification of accepted abstracts:	Starting from September 1, 2025
Early-bird registration:	March 1 – September 15, 2025
Closing of standard registration:	October 24, 2025
First announcement:	January 20, 2025
Second announcement:	May 1, 2025
Third announcement:	September 1, 2025

SPECIAL SESSIONS

1. AAPPS-APCTP CN Yang Award Ceremony
2. International Year of Quantum Science and Technology
3. Meet Editors
4. Physics in the Era of Artificial Intelligence
5. Women in Physics

2-7 Status of APPC-16 DPP program preparation

Program Subcommittee for Plasma Physics	Rajdeep Singh Rawat (Chair)
Applied Plasma	Tao Shao (CAS) - st@mail.iee.ac.cn
Space/Geomagnetism and Solar/Astro Plasma	Quan-Ming Lu (USTC) - gmlu@ustc.edu.cn , and Feng Yuan (Fudan Univ) - fyuan@fudan.edu.cn
Magnetic Fusion	Jinping Qian (IPP) - jqian@ipp.ac.cn , and Ge Zhuang (to be confirmed)

Re: RE: Re: RE: Invitation Letter for PP Chair: APPC16



中国物理学会办公室 <cps@iphy.ac.cn>

To ✓ Rajdeep Singh Rawat (Prof)



Reply

Reply All

Forward



Fri 2/7/2025 5:54 PM

[Alert: Non-NIE/NTU Email] Be cautious before clicking any link or attachment.

Dear Prof.Rawat,

Professor Abhijit Sen is the former chair of the Division of Plasma Physics (DPP). Although he is unable to attend the **APPC-16** conference, he has actively requested to serve as a PP subcommittee member. Would it be possible to add Prof. Sen to your subcommittee member list? Thank you very much.

Eve

Coordinator: Eve Yan

中国物理学会办公室 CPS Office

Contact Email: yan_li@iphy.ac.cn

APPC16 Website : <http://appc16.scimeeting.cn/en/web/index/24735>

2-7 Status of APPC-16 DPP program preparation

9 parallel sessions dedicated to Plasma Physics
Comprising 3 morning sessions and 6 afternoon sessions.

Suggestion:

21 invited talks, 9 short invited talks, and 9 contributed talks sourced from the pool of submitted abstracts

- Invited Talks: 25 minutes (including 5 minutes for discussion)
- Short Invited Talks: 15 minutes (including 2 minutes for discussion)
- Contributed Talks: 15 minutes (including 2 minutes for discussion)

1) **Morning Session:** 10:50 – 12:10 (80 minutes)

10:50 – 11:15	25 minutes, invited talk
11:15 – 11:30	15 minutes, invited or contributed talk
11:30 – 11:45	15 minutes, invited or contributed talk
11:45 – 12:10	25 minutes, invited talk

2) **Afternoon Session I:** 14:00 – 15:30 (90 minutes)

14:00 – 14:25	25 minutes, invited talk
14:25 – 14:50	25 minutes, invited talk
14:50 – 15:05	15 minutes, invited or contributed talk
15:05 – 15:30	25 minutes, invited talk

3) **Afternoon Session II:** 16:00 – 17:35 (95 minutes)

16:00 – 16:25	25 minutes, invited talk
16:25 – 16:50	25 minutes, invited talk
16:50 – 17:05	15 minutes, invited or contributed talk
17:05 – 17:20	15 minutes, invited or contributed talk
17:20 – 17:35	15 minutes, invited or contributed talk

2-8 Discussion on JPS proposal to collaborate and participate in JPS

Dear division chairs of AAPPS,

This is Han Woong Yeom of POSTECH in Korea and I'm now working as a member of Board of Directors for Japanese Physical Society (JPS), taking care of JPS international affairs.

As asked by the JPS president and the advisory council for international collaboration of JPS, **I'm writing to you to seek the possibility of organizing regular symposiums for all AAPPS divisions within the JPS annual meetings.**

I heard that some divisions already have such bilateral symposiums within JPS annual meetings but JPS headquarter hopes to extend such activity to all AAPPS divisions and to make it play a pivotal role for the internationalization of JPS meetings.

If you agree with the direction, JPS headquarter and I will help to make proper organization teams (within JPS division counterpart) for each division and to help set up symposiums with a plan to start multiple symposiums from 2026 spring meeting of JPS. Of course, the contents and format of each division symposium is totally up to the divisions. It would be grateful if you consider this proposal and let me know your opinion and comments.

Best regards,
Han Woong

My Question: JPS Annual Meetings, how big are they, what are the areas covered, when are they typically held, and what is expected from AAPPS-Division's participation?

Reply: JPS have two annual meetings, April and October, same content but April meeting is online and October is in-person. Both meetings cover the whole area of physics with all divisions participating and normal number of participants are over 2000.

- The AAPPS-division-JPS-division symposiums can enhance the networking of researchers in Japan and other Asian countries and to promote collaborations for a given field of researches of a division.
- The bilateral division symposium can focus on updated topics of mutual interest for each year.
- Starting an online symposium would be technically easier. However, the format and contents are all up to each division while JPS headquarter initiates this activity and help the organization.