



## 2. Report

### 2.1 FY2024 Business Report

AAPPS-DPP CEO, Mitsuru Kikuchi

#### 0. Introduction

DPP activities in fiscal year 2024 (Sept. 1, 2023 – Aug 31, 2024) has recovered from the COVID-19 pandemic. Major activities are 1) Execution of AAPPS-DPP2023 conference, 2) Preparation of AAPPS-DPP2024 at Malacca, 3) Continued publication of RMPP articles, 4) Selection of DPP prizes and awards, 5) Information dissemination to DPP members via DPP Web and mailing service, 6) Other activities as appropriate.

#### 1. 6<sup>th</sup> General Assembly (GA)

[https://www.aappsdp.org/DPPhoujin/GAdata/Minutes\\_for\\_sixth\\_Regular\\_General\\_Assembly.231114-R3.pdf](https://www.aappsdp.org/DPPhoujin/GAdata/Minutes_for_sixth_Regular_General_Assembly.231114-R3.pdf)

The sixth general assembly of AAPPS-DPP Assoc. Inc. (FY2024 General Assembly (GA)) was called by the representative director M. Kikuchi (CEO) based on Article 13 on 14th, November, 2023 at mail Hall of Port Messe Nagoya of AAPPS-DPP conference. The meeting was chaired by Abhijit Sen. Date and time of general assembly is 19:00-20:00 JP time. Attended Regular Members was 108 (31 participated, 77 electronic) where total number of regular members is 550.

Results of deliberation:

Resolution 1: Balance sheets and profit and loss statements and their detailed documents were presented by Vice chair for Budget: M. Shiratani and were approved by general assembly.

Report-1: Auditor Uesugi reported auditor assessment of FY2023 business and budget activities.

Report-2: FY2023 Business Report and FY2024 Business Plan were given by M. Kikuchi (CEO). FY2024 budget plan was given by Vice chair for Budget: M. Shiratani.

Executive director Matsumoto reported results of electronic voting and all items were approved including attended regular members. DPP chair A. Sen concluded GA.

#### 2. FY2024 Board of Directors (BoD) Meetings

Four BoD meetings were held during FY2024, whose agenda were as follows.

[1] 1<sup>st</sup> BoD (Nov. 14): [https://www.aappsdp.org/DPPhoujin/BODdata/Minutes\\_for\\_Board\\_of\\_Directors\\_Meeting231114Rev2.pdf](https://www.aappsdp.org/DPPhoujin/BODdata/Minutes_for_Board_of_Directors_Meeting231114Rev2.pdf)

1) Report on 6<sup>th</sup> GA(R Matsumoto), 2) DPP2024 at Malacca(TY Tou), 3) PIP selection procedure(R. Rawat).

[2] 2<sup>nd</sup> BoD ( March 9): [https://www.aappsdp.org/DPPhoujin/BODdata/Minutes\\_for\\_Board\\_of\\_Directors\\_Meeting240309\\_jp\\_v2.pdf](https://www.aappsdp.org/DPPhoujin/BODdata/Minutes_for_Board_of_Directors_Meeting240309_jp_v2.pdf)

1) DPP2025 venue, 2) DPP2026 venue, 3) Discussion on annual conference in China and India

[3] 3<sup>rd</sup> BoD (May 21): [https://www.aappsdp.org/DPPhoujin/BODdata/Minutes\\_for\\_Board\\_of\\_Directors\\_Meeting240521v5JP.pdf](https://www.aappsdp.org/DPPhoujin/BODdata/Minutes_for_Board_of_Directors_Meeting240521v5JP.pdf)

1) WIPP WS report [https://www.aappsdp.org/DPP2023/html/materials/Report\\_on\\_WIPP\\_WS2023.pdf](https://www.aappsdp.org/DPP2023/html/materials/Report_on_WIPP_WS2023.pdf)

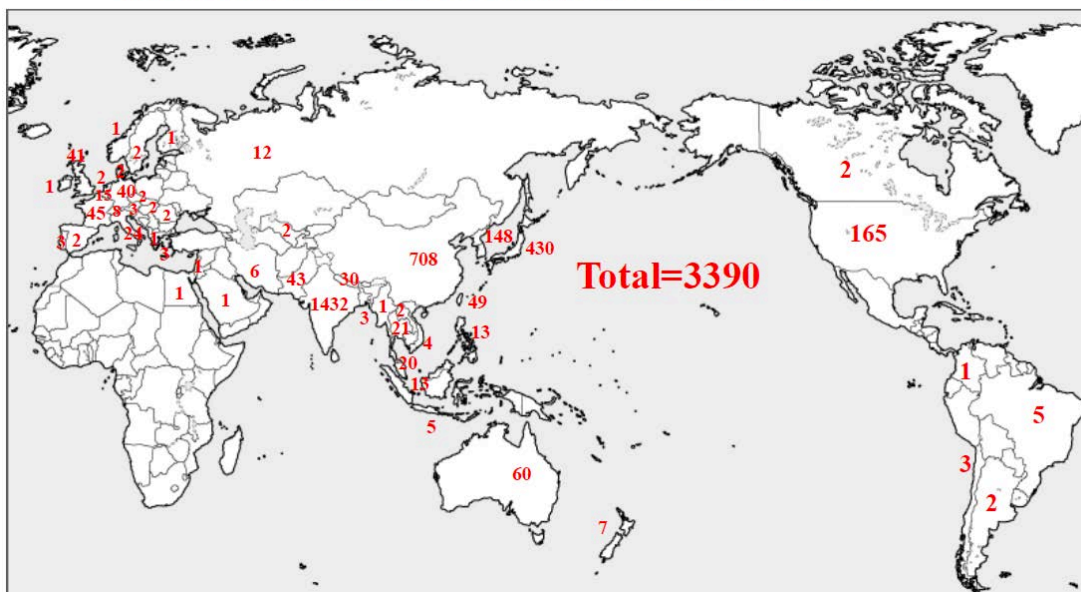
[4] 4<sup>th</sup> BoD (Aug 26): [https://www.aappsdp.org/DPPhoujin/BODdata/Minutes\\_for\\_Board\\_of\\_Directors\\_Meeting240826\\_v2w.pdf](https://www.aappsdp.org/DPPhoujin/BODdata/Minutes_for_Board_of_Directors_Meeting240826_v2w.pdf)

1) 2024 Budget summary, 2) 2024 Business report, 3)2025 Business plan, 4) 2025 Budget plan

#### 3. Membership

DPP secretary, Ms Nomura who worked after Prof. Rui Ding, reported country/regional distributions as of 2024.08.24.

Regional distribution of AAPPS-DPP Membership by DPP secretary 2024-08-24





Country/Region	'14.1.20	'14.7.24	'16.1.1	'17.9.19	'19.6.4	'20.10.30	'22.8.22	'23.8.19	'24.8.24
India	10	857	851	878	782	793	1189	1433	1432
China	23	110	117	231	371	440	568	620	708
Japan	24	121	134	190	278	308	318	347	430
Korea	9	36	56	82	106	123	140	139	148
US	1	11	22	32	51	70	112	140	165
Australia	11	30	33	34	45	48	54	56	60
Taiwan	5	21	21	24	30	35	42	44	49
Nepal	1	1	20	31	26	26	29	29	30
France	0	1	1	1	17	25	38	42	45
Thailand	2	14	16	17	18	18	20	20	21
Pakistan	0	0	1	7	13	13	16	16	43
Germany	0	0	4	7	10	13	30	34	40
Malaysia	1	2	4	5	12	12	14	15	20
UK	0	0	2	6	9	12	24	30	41
Italy	0	0	1	3	9	11	20	23	24
Philippines	1	6	6	8	8	9	9	11	13
Indonesia	0	0	2	6	8	8	5	5	5
Iran	0	0	0	0	5	5	6	6	6
Vietnam	0	0	0	3	4	4	4	4	4
Singapore	4	4	4	4	4	4	5	7	13
Russia	0	0	0	0	2	6	9	11	12
Bangladesh	0	0	0	0	3	3	3	3	3
Belgium	0	0	0	0	2	9	14	15	15
Netherland	0	0	0	1	3	3	2	2	2
Lao PDR	0	0	0	2	2	2	2	2	2
Austria	0	0	0	0	-	2	3	3	3
Canada	0	0	1	1	1	1	1	1	2
Czech	0	0	1	1	1	1	2	3	2
Egypt	0	0	0	0	1	1	1	1	1
Ireland	0	0	0	0	1	1	1	1	1
Israel	0	0	0	0	1	1	1	0	1
Myanmar	0	0	0	1	1	1	1	1	1
Norway	0	0	0	0	0	1	1	1	1
Spain	0	0	0	0	0	1	2	2	2
Switzerland	0	0	0	0	1	1	7	7	8
New Zealand	0	0	0	0	0	0	5	5	7
Argentina	0	0	0	0	0	0	2	2	2
Hungary	0	0	0	0	0	0	2	2	2
Chile	0	0	1	1	0	0	2	3	3
Romania	0	0	0	0	0	0	2	2	2
Sweden	0	0	0	0	0	0	2	2	2
Slovakia	0	0	0	0	0	0	1	1	1
Saudi Arabia	0	0	0	0	0	0	1	0	1
Portugal	0	0	1	1	0	0	1	2	3
Brasil	0	0	0	0	0	0	1	1	5
Colombia	0	0	0	0	0	0	1	1	1
Greece	0	0	0	0	0	0	0	1	3
Finland	0	0	0	0	0	0	0	0	1
Denmark	0	0	0	0	0	0	0	0	2
Uzbekistan	0	0	0	0	0	0	0	0	2
Total	92	1,214	1,299	1,580	1,825	2,011	2,713	3096	3390

\*Hongkong included in China

#### 4. AAPPS-DPP2023

Division of plasma physics (DPP) annually holds Asia-Pacific conference on Plasma Physics. The seventh annual conference (AAPPS-DPP2023) was held at Port-Messe, Nagoya, Japan during Nov 12-17, 2023. Figure 1 shows Opening session speakers and DPP award winners of AAPPS-DPP2023.



Fig 1. AAPPS-DPP2023 Opening addresses by Z. Yoshida (NIFS), DPP chair A. Sen and Group photo of opening speakers and DPP award winners

Table 1 shows distribution of 661 presentations among plenary, topical plenary, invited, oral, and poster for various sub-disciplines. AAPPS-DPP2023 consisted of 48 plenary talks, 13 topical plenary talks, 317 invited talks, 143 oral talks, and 140 poster presentations. Cross-disciplinary session led by PH Diamond, E. Kim, and TS Hahm had 38 presentations. Fundamental session is fundamental discipline common to all plasma physics area and had joint session with magnetic fusion plasma led by R. Dewar and PJ Morrison had 61 presentations. Basic session discussed methods common to all plasma physics as well as small scale plasma research and dusty/quantum plasmas led by S. Bhattacharjee, T. Yamada, F. Haas, Y. Feng, TH Watanabe, I. Murakami, M. Nishiura and K. Takahashi had 90 presentations. Applied session discussed applied plasma physics such as semi-conductor, medicine, agriculture, led by Tao Shao, HH Kim, DH Lee, S. Ghorui, S. Xu, A. Mai-Prochnow and M. Keidar, had 83 presentations. Laser plasma session discussed Laser-plasma interaction, Laser fusion, wake-field acceleration led by Hyyong Suk, M. Chen, S. Fujioka, K. Lee and PK Singh had 63 presentations. Space / Geomagnetism session discussed mostly space plasma physics and magnetic reconnection led by Y. Omura, P. Yoon and QM Lu had 55 presentations. Solar/Astro session discussed solar plasma physics and astro plasma physics led by PF Chen, R. Matsumoto and J. Cho had 48 presentations. Magnetic Fusion session (Core and Edge plasma) led by Jae-Min Kwon, M. Xu, E. Narita and YS Na had 173 presentations. Organized Session led by Katsumi Ida, Y. Liang, CK Sung had 38 presentations. Among them, 2023 S. Chandrasekhar lecture was given by Katsumi Ida and 2023 Plasma Innovation Lecture was given by Takayuki Watanabe. We also celebrated 8 U40 winners and 6 U30 winners.

Table 1 Distribution of presentations

	Plenary	Topical Plenary	Invited	Oral	Poster	Total
Opening	8	-	-	-	-	8
Chandra & PIP	2	-	-	-	-	2
Cross Disciplinary	4	4	21	9	0	38
Fundamental	4	0	33	11	13	61
Basic	4	0	33	17	36	90
Applied	4	0	46	17	16	83
Laser plasma	4	0	34	14	11	63
Space/Geomag	4	3	27	11	10	55
Solar/Astro	4	0	27	14	3	48
Magnetic Fusion	5	0	67	50	51	173
Organized Session	3	6	29	0	0	38
Poster Prize	1	-	-	-	-	1
Closing	1	-	-	-	-	1
Total	48	13	317	143	140	661

Table 2 shows distribution of region/countries and gender balance. Most notably, we note there were several participants from Pakistan and Philippines. While participation from APS (42) and EPS(58) were significant, we had



participants from a South American country, i.e. Brazil(2). As for the gender balance, we had 121 females among 694 participants. Many female researchers joined from China, India and Pakistan, especially.

Table 2 Regional and gender distribution of participants

Region	No	Female	Presentations	Region	No	Female	Presentations
Japan	286	38	214	Swiss	3	1	3
China	185	41	204	Singapore	3	0	5
India	41	7	55	Spain	3	0	3
USA	41	4	44	Nepal	2	0	2
Korea	33	4	33	Malaysia	2	0	2
England	15	3	14	Brazil	2	0	2
Australia	14	3	17	Austria	2	0	
France	12	4	9	Greece	2	0	3
Taiwan	11	2	11	Canada	1	0	2
Germany	9	4	9	Denmark	1	0	1
Pakistan	8	5	9	Israel	1	0	1
Philippines	6	3	6	Slovenia	1	0	1
Belgium	5	1	6	Thailand	1	0	1
Italy	4	1	4	Total	694	121	661

\* France include ITER organization

For comparison, number of participants in AAPPS-DPP2018(Kanazawa) were total(682), of which Japan(334), China(131), Korea(41), India(33), Australia(11), Taiwan(14), Pakistan(3), Philippines(0), Singapore(1), Nepal(0), Malaysia(1), Thailand(3), Myanmar(1), Bangladesh(1), Indonesia(1) from AAPPS region and US(37), England(6), France(17), Germany(16), Belgium(1), Italy(12), Swiss(4), Spain(0), Brazil(0), Austria(0), Greece(0), Canada(1), Denmark(0), Israel(0), Slovenia(0), Netherland(7), Sweden(1), Czech(1), Belgium(1).

4.1 Plenary Speakers: <https://www.aappsdp.org/DPP2023/html/3contents/plenary.html>



PL-1:K. Ida



PL-2 T. Watanabe



PL-3: Lin I



PL-4:M. Campbell



PL-5:B. Zhang



PL-6: F. Yuan



PL-7:K. Yoshikawa



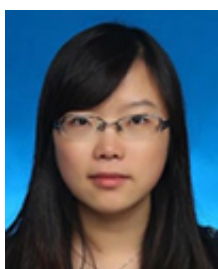
PL-8:R. Pandit



PL-9:A. Wright



PL-10:G. Giruzzi



PL-11:Q. Nie



PL-12:A. Matsuyama



PL-13:I. Cairns



PL-14:M. Hori



PL-15: Q. Shi



PL-16:D. Orlov



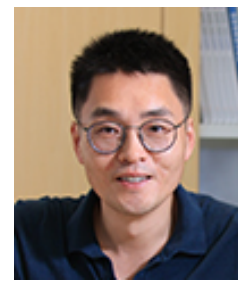
PL-17: CH Nam



PL-18:F. Scotti



PL-19: S. Toriumi



PL-20: X. Fan



PL-21: Y. Andrew



PL-22:D. Ryu



PL-23:Y. Li



PL-24: S. Singh



PL-25: J. Kim



PL-26: S. Takehiro



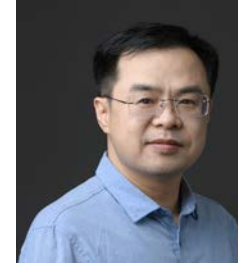
PL-27:F. Ebrahimi



PL-28:S Bhattacharjee



PL-30 S Matsukiyo



PL-31:Y. Wu



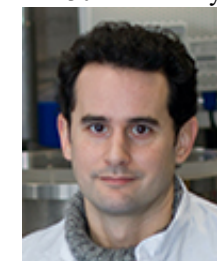
PL-32:A Knieps



PL-33:Y. Ralchenko



PL-34:N. Yokoi



PL-35:J Faure



PL-36:P Morrison



PL-37:H. Yan



PL-38:H Miura



PL-39:J. Garcia

Note: PL-29 is cancelled

### 4.2 AAPPS-DPP S. Chandrasekhar Prize

DPP selects S. Chandrasekhar Prize annually to recognize outstanding contributions to plasma physics since 2014. Chandrasekhar prize selection committee chaired by Rajaraman Ganesh selected Prof. Katsumi Ida (NIFS) as 2023 laureate. Cash prize of 5,000 USD was sponsored by Larsen & Toubro Ltd, India. Medal was sponsored by IPR/PSSI.



Fig. 2 2023 Selection committee chair R. Ganesh, Chandrasekhar prize certificate(left) Katsumi Ida with Medal from IPR/PSSI (middle). Chandrasekhar lecture listened by conference audience(Right).

### 4.3 AAPPS-DPP Plasma Innovation Prize

DPP selects Plasma Innovation Prize to recognize outstanding contributions to experimental and / or theoretical research in all fields of plasma applications, focusing on impacts on industry since 2019. Plasma Innovation Prize selection committee chaired by Rajdeep Rawat selected Prof. Takayuki Watanabe(Kyushu Univ.) as 2023 laureate. Cash prize of 4,000 USD was sponsored by INOX India Ltd, India.



Fig. 3 2023 PIP laureate Takayuki Watanabe with certificate and Selection committee chair R. Rawat (left). Plasma Innovation Prize medal (right).

### 4.4 AAPPS-DPP Young Researcher (U40) Award

DPP is recognizing annually young talented plasma researchers not more than 40 years old since 2016 as AAPPS-DPP Young Researcher Award (U40). U40 selection committee chaired by Amita Das selected 7 young talents.

General Incorporated Association: Division of Plasma Physics, Association of Asia-Pacific Physical Societies

- |                                   |   |       |
|-----------------------------------|---|-------|
| 1. Fundamental plasma physics     | : Dr. Shinya Maeyama, National Institute for Fusion Science | Japan |
| 2. Applied plasma physics         | : Dr. Pankaj Attri, Kyushu University                       | India |
| 3. Laser plasma physics           | : Dr. Yang Wan, Zhengzhou University                        | China |
| 4. Space/Geomag plasma physics    | : Dr. Shiyong Huang, Wuhan University                       | China |
| 5. Solar/Astro plasma physics     | : Dr. Ting Li, National Astronomical Observatory, CAS       | China |
| 6. Magnetic Fusion plasma physics | : Dr. Rui Ding, Institute of Plasma Physics, CAS            | China |
| 7. Magnetic Fusion plasma physics | : Dr. Xiaodi Du, General Atomics                            | China |

Winners received cash prize 500USD, a plate, and a certificate. Their citations can be seen at <http://aappsdp.org/AAPPSDPPF/youngawardtable.html>.



Fig. 4 2023 U40 winners photos who received U40 certificate and plates during the opening ceremony.

#### 4.5 U30 Scientist and Student Award

DPP is recognizing young talented doctoral scientists/ students not more than 30 years old since 2018 as AAPPS-DPP U30 Doctoral Scientist / Student Award. This award is sponsored by IFE-Forum. 2023 U30 award selection committee chaired by K. Mima selected following 2023 Winners.

- |                                   |   |       |
|-----------------------------------|---|-------|
| 1. Basic plasma physics           | : Dr. Swarnima Singh, Institute for Plasma Research     | India |
| 2. Laser plasma physics           | : Dr. Masato Ota, National Institute for Fusion Science | Japan |
| 3. Space plasma physics           | : Dr. Zhi-Yang Liu, Peking University                   | China |
| 4. Solar/Astro plasma physics     | : Dr. Yajie Chen, MPS/Peking University                 | China |
| 5. Magnetic Fusion plasma physics | : Dr. Yi Zhang, Southwestern Institute of Physics       | China |
| 6. Magnetic Fusion plasma physics | : Dr. Jaemin Seo, Chung-Ang University                  | Korea |

Winners received cash prize 300USD, a plate, and a certificate. Their citations can be seen at <http://aappsdp.org/AAPPSDPPF/U30awardtable.html>



Fig. 4 2023 U40 winners photos who received U40 certificate and plates during the opening ceremony.

#### 4.6 AAPPS-DPP2023 Poster Prize

DPP is recognizing significant poster presentation at the annual conference as AAPPS-DPP Poster Prize since 2018 for both students and young/senior researchers. Among 140 poster presentations, selection committee chaired by R. Sydora chose following 30 presenters as poster prize. Winners received certificate and a Springer book on plasma physics <http://aappsdpp.org/AAPPSPDPF/posteraward.html>.

1. BP-1: Saba Majeed Gondal, (University of Engineering and Technology, Lahore )
2. BP-12: Takumi Seto, (University of Tsukuba)
3. BP-17: Farida Batool, (Indian Institute of Technology Jammu)
4. BP-26: Ayesha Nanda, (Indian Institute of Technology Kanpur)
5. BP-39: Yume Teranishi, (Tohoku University)
6. BP-40: Li-Chung Liu, (National Taiwan University)
7. BP-47: Longyong Liao, (SOKENDAI)
8. FP-2: Wei-Shuo Lo, (National Central University)
9. FP-5: Dongheyu Zhang, (Tsinghua University)
10. SGP-1: HaruneSekido, (Institute for Space-Earth Environmental Research)
11. SGP-11: Lin Tian, (Institute of Geology and Geophysics, Chinese Academy of Sciences)
12. SAP-1: HimawanWinarto, (Princeton University)
13. AP-2: Sota Shimizu, (Tohoku University)
14. AP-4: Jang Sejung, (Tokyo institute of Technology)
15. AP-9: Laika Jayne Montefalcon, (University of the Philippines Diliman)
16. AP-13: Jingqian Peng, Kanazawa University)
17. LP-1: Kairi Mizushima (Hiroshima University)
18. LP-3: Zhehao Lin, (Nagaoka University of Technology)
19. MFP-7: Nagato Yanagi, (National Institute for Fusion Science)
20. MFP-9: Xiang Gu,(ENN Science and Technology Development Co., Ltd.),
21. MFP-10: Zhongyong Chen,(Huazhong University of Science and Technology)
22. MFP-23: Shu Nishimoto, (Nagoya University)
23. MFP-27: Jingting Wang, (Tokyo Institute of Technology)
24. MFP-34: Keishi Homma, (University of Tsukuba)
25. MFP-37: Kyung Sun Park, (Chungbuk National University)
26. MFP-42: Lulu Zhang, (Zhejiang University)
27. MFP-49: Ryota Nishimura, Tohoku University)
28. MFP-52: Tetsutarou Oishi, (Tohoku University)
29. MFP-56: Ryoma Yanai, (National Institute for Fusion Science)
30. MFP-57: Hiroyuki Yamaguchi, National Institute for Fusion Science)





#### 4.7 Satellite Meetings

In parallel with main conference, three satellite meetings were held. <https://www.aappsdp.org/DPP2023/html/3contents/satellitemeeting.html>

##### 1. Mini-Workshop for Women in Plasma Physics

Women are excellent contributors to diverse fields of Plasma Physics, but they often face different challenges. The Mini-Workshop WIPP-AAPPS-DPP provides a platform for women scientists to discuss and share their journey. The workshop aims to understand the issues that women scientists and researchers face while pursuing their careers. This activity is part of new DPP activities which was initiated by A. Sen and T. Murphy. WS was organized by Anne Mai-Prochnow and its report can be found at [https://www.aappsdp.org/DPP2023/html/materials/Report\\_on\\_WIPP\\_WS2023.pdf](https://www.aappsdp.org/DPP2023/html/materials/Report_on_WIPP_WS2023.pdf)



Fig. 5 Group photo of woman participants in AAPPS-DPP2024

##### 2. Mini-Workshop on probing, controlling, and understanding WPIs in space and laboratory plasmas

This workshop was organized by Y. Kato and aimed to understand similarities/differences of (i) wave-particle interactions occurring in space and laboratory plasmas (WPIs), (ii) particle acceleration/heating in plasmas through WPIs, and (iii) artificial control method of WPIs. The latest issues related to WPIs in space and laboratory plasmas will be shared through oral presentations (given by invited speakers) and discussions with workshop participants.



Fig. 6 WS speaker Y. Todo and W. Heidbrinck

##### 3. Fusion private sector Session

This session is organized by Helical Fusion. Fusion energy start-ups have been emerging rapidly worldwide in recent years. These companies are setting the stage for fusion power generation, possibly as early as the late 2020s or 2030. However, there needs to be more opportunities for fusion start-ups worldwide to discuss the industrialization of fusion as an energy source.



Fig. 7 Panelists and Facilitator H. Ozaki

#### 4.8 Government funded activity [Welcome party]

Japan Tourism Agency called for unique venue proposal to enhance entry to Japan. AAPPS-DPP got some fund to use Superconducting Maglev and Railway Park (<https://museum.jr-central.co.jp/en/>) near the conference venue.

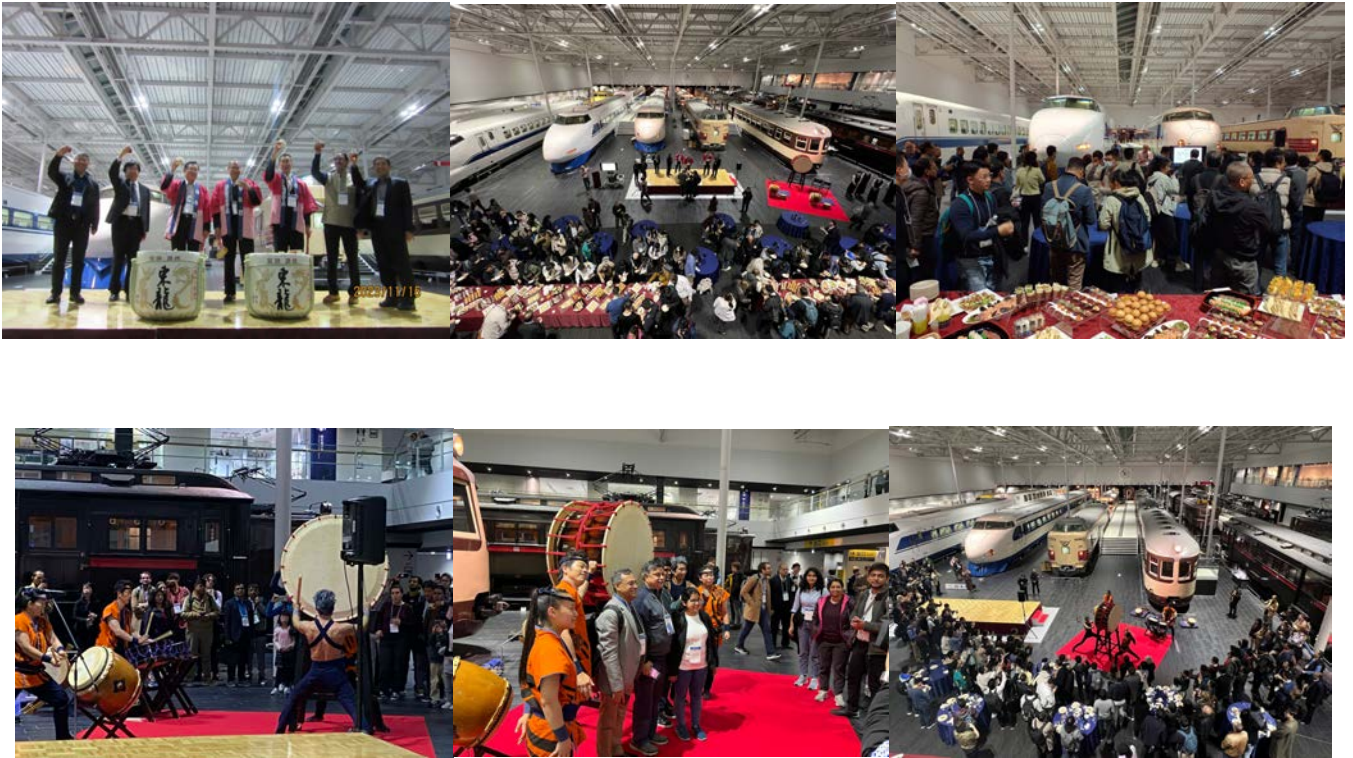


Fig. 8 Photos of welcome party

#### 4.9 NIFS Tour

Selected participants visited NIFS on Sunday (Nov. 12).



Fig. 8 Photos from NIFS tour



### 5 Preparatory Activity of AAPPS-DPP2024

8<sup>th</sup> Asia-Pacific Conference on Plasma Physics (AAPPS-DPP2024) will be held in Grand Swiss-Bel Hotel, Malacca, Malaysia during Nov. 3-8, 2024, co-organized by Malaysian Institute of Physics (MIP). AAPPS-DPP (<http://aappsdp.org/AAPPSDPP/>) is organizing body of this conference. MIP co-organizes this conference and acts as LOC.



Fig. 9 Malaysia (Kuala Lumpur & Malacca)

Grand Swiss-Belhotel, Malacca

Overall program is shown in  
Version 2024.10.6

### 8<sup>th</sup> Asia-Pacific Conference on Plasma Physics (AAPPS-DPP 2024) Grand Swiss-Belhotel Melaka 3-8, Nov, 2024

Sunday (2024.11.3)	Monday (2024.11.4)	Tuesday (11.5)	Wednesday (11.6)	Thursday (11.7)	Friday (11.8)
	Registration: 7:30-8:30:10:10:Opening (Chair: TY Tou) Hi Choi (AAPPS president) 15min A Sen (DPP chair) 5min M. Kikuchi (CEO) 5min USO 15min U40 15min DPP 15min Chandra P Menon (Dewar) 5min A. Sen (DPP) 5min	Registration: 8:00-8:30:10:30:Plenary 2 Chairs: G. Yun, tbd, P. Diamond, D. Escande 8:30:9:00: PL-4 Sun Hee Kim(MF1) 9:00:9:30: PL-5 Guizhong Zuo(MF2) 9:30:10:00: PL-6 Gyungjin Choi(CD) 10:00:10:30: PL-7 T.H. Watanabe(F)	Registration: 8:00-8:30:10:30:Plenary 4 Chairs: K. Hori, Y. Omura, R. Matsumoto, P. Yoon 8:30:9:00: PL-11 Peter Reed (CD) 9:00:9:30: PL-12 Abhay Kumar Singh(SG) 9:30:10:00: PL-13 Michael Westland(SA) 10:00:10:30: PL-14 Lunjin Chen(SG)	Registration: 8:00-8:30:10:30:Plenary 6 Chairs: M. Nakata, Y. Kosuga, T. Yamada, G. Sips 8:30:9:00: PL-18 Shaojie Wang(F) 9:00:9:30: PL-19 Fumiyoshi Kin(CD) 9:30:10:00: PL-20 Jaehyun Lee(B) 10:00:10:30: PL-21 L. Delgado-Aparicio (MF1)	Registration: 8:00-8:30:10:30:Plenary 8 Chairs: K. Hanada, A. Sen, M. Vasquez, N. Rubab, H. Jhang 8:30:9:00: PL-25 Shmoo Inoue (MF1) 9:00:9:30: PL-26 Chandra P Dhard(MF2) 9:30:10:00: PL-27 Qian-Zhi Zhang (A) 10:00:10:30: PL-28 Sadiq Usmani(SG) 10:30:11:00: PL-29 Sudeep Bhattacharjee(F)
	10:10:11:00: Photo & Coffee Break 11:00:12:30: Plenary1 Chairs: C.H. Nam, S. Bhattacharjee, R. Rawat 11:00:11:30: PL-1 Pisin Chen 11:30:12:00: PL-2 Miran Mozetic 12:00:12:30: PL-3 Nor AS Amin(AMY)	10:30:11:00: Coffee break 11:00:12:30: Plenary3 Chairs: Weizong Wang, N. Tanaka, PF Chen 11:00:11:30: PL-8 Zhitong Chen(A) 11:30:12:00: PL-9 Norinasa Ozaka(L) 12:00:12:30: PL-10 Piyali Chatterjee(SA)	10:30:11:00: Coffee break 11:00:12:30: Plenary5 Chairs: M. Nishitara, H. Suki, R. Maingi 11:00:11:30: PL-15 Masayuki Ono(B) 11:30:12:00: PL-16 Kyungtae Kum(L) 12:00:12:30: PL-17 Juergen Rapp(MF2)	10:30:11:00: Coffee break 11:00:12:30: Plenary7 Chairs: M. Hoshino, Min Chen, F. Parra-Diaz 11:00:11:30: PL-22 Jacek Niemiec (SA) 11:30:12:00: PL-23 Stuart Mangles(L) 12:00:12:30: PL-24 Vincius Duarte (B)	11:00:12:00: Early Lunch 12:00:14:10 Topical 9 MF2-9(Ballroom1) MF1-9(Ballroom2) B-9 (Ballroom3)
[1] 13:00:17:00 : Registration and reception at Pacific Ballroom Foyer (Level 6) and Pool area in Grand Swiss-Belhotel. Free drink and snack are available 	13:30:15:40: Topical MF2-1(Ballroom1) MF1-1(Ballroom2) B-1 (Ballroom3) L-1 (Room1) SG-1(Room2) SA-1(Room3) A-1 (Room4) F-1 (Room5) CD-1 (Room6) 15:40:16:00: Coffee Break 16:00:18:10 Topical 2 MF2-2(Ballroom1) MF1-2(Ballroom2) B-2 (Ballroom3) L-2 (Room1) SG-2(Room2) SA-2(Room3) A-2 (Room4) F-2 (Room5) CD-2 (Room6)	13:30:15:40: Topical 3 MF1-3(Ballroom2) B-3 (Ballroom3) L-3 (Room1) SG-3(Room2) SA-3(Room3) A-3 (Room4) F-3 (Room5) CD-3 (Room6) 15:40:16:00: Coffee Break 16:00:18:10 Topical 4 MF2-4(Ballroom1) MF1-4(Ballroom2) B-4 (Ballroom3) L-4 (Room1) SG-4(Room2) SA-4(Room3) A-4 (Room4) F-4 (Room5) CD-4 (Room6)	13:30:15:40: Topical 5 MF1-5(Ballroom2) B-5 (Ballroom3) L-5 (Room1) SG-5(Room2) SA-5(Room3) A-5 (Room4) F-5 (Room5) CD-5 (Room6) 15:40:16:00: Coffee Break 16:00:18:10 Topical 6 MF2-6(Ballroom1) MF1-6(Ballroom2) B-6 (Ballroom3) L-6 (Room1) SG-6(Room2) SA-6(Room3) A-6 (Room4) F-6 (Room5) CD-6 (Room6)	13:30:16:00: Poster session I, Exhibition at Peninsular Room1 13:30:15:40: Topical 7 MF2-7(Ballroom1) MF1-7(Ballroom2) B-7 (Ballroom3) L-7 (Room1) SG-7(Room2) SA-7(Room3) A-7 (Room4) F-7 (Room5) CD-7 (Room6) 15:40:16:00: Coffee Break 16:00:18:10 Topical 8 MF2-8(Ballroom1) MF1-8(Ballroom2) B-8 (Ballroom3) L-8 (Room1) SG-8(Room2) SA-8(Room3) A-8 (Room4) F-8 (Room5) Dewar WS (Room5) CD-8 (Room6)	13:30:16:00: Poster session I, Exhibition at Peninsular Room1 L-9 (Room1) SG-9(Room2) SA-9(Room3) A-9 (Room4) F-9 (Room5) Reserve (Room6) 14:10:14:30 Coffee Break 14:30:15:30:Plenary10 Chairs: Yutong Li, M. Kikuchi 14:30:15:00: PL-30 (Poster & student prize) 15:00:15:30: PL-31(DPP2025, Closing)
18:00:20:00: MIP Reception for VIP	18:30:20:30: EV-1 (Room1) : Mini-workshop for Women in Plasma Physics	18:30:19:30: EV-2 (Room1) 7 <sup>th</sup> General Assembly	18:30:19:30: EV-2 (Room1) 7 <sup>th</sup> General Assembly	19:00:22:00: Conference Dinner at Swiss-Garden Hotel	

Fig. 10 Program overview of AAPPS-DPP2024

## 6 RMPP Journal

RMPP is review journal specialized to plasma physics. The 1<sup>st</sup> volume (2017) published 10 articles. The 2<sup>nd</sup> volume (2018) published 9 articles and 3<sup>rd</sup> volume (2019) published 15 articles, 4<sup>th</sup> volume (2020) published 12 articles, 5<sup>th</sup> volume (2021) published 13 articles, volume 6 (2022) published 41 articles, volume 7 (2023) published 32 articles.

As of Aug 26, 2024, 26 papers, and 2 corrections and 1 editorial are published or accepted and 15 papers are under review for volume 8. Thus, we expect similar number of publication with volume 8 in 2024.

The Review of Modern Plasma Physics has been accepted for Scopus index as of May 11, 2023 and the Emerging Source Citation Index (ESCI) in Web of Science in 2024. In June 2024, RMPP received the CiteScore 2023 off 5.9. Impact Factor from WoS will be released in 2025.

**Table 1** Review papers published in Volume 7 of RMPP

Ist Author	References	Article type	Collection
Yao Zhao	Zhao et al. (2023)	Review	HEDP; <a href="https://link.springer.com/collections/gbdbfgijcf">https://link.springer.com/collections/gbdbfgijcf</a>
Guolian Xiao	Xiao et al. (2023)	Special Topics	MF-BoE2021; <a href="https://link.springer.com/collections/fcbhadehdi">https://link.springer.com/collections/fcbhadehdi</a>
Lei Dai	Dai and Wang (2023)	Review	KAW; <a href="https://link.springer.com/collections/hfedabddfj">https://link.springer.com/collections/hfedabddfj</a>
Siye Ding	Ding and Garofalo (2023)	Special Topics	MF2021; <a href="https://link.springer.com/collections/gbgehbaeih">https://link.springer.com/collections/gbgehbaeih</a> U40; <a href="https://link.springer.com/collections/hdhgbbiahb">https://link.springer.com/collections/hdhgbbiahb</a>
Kumiko Hori	Hori et al. (2023)	Special Topics	ST; <a href="https://link.springer.com/collections/adeajjhha">https://link.springer.com/collections/adeajjhha</a>
Robert L. Lysak	Lysak (2023)	Review	KAW; <a href="https://link.springer.com/collections/hfedabddfj">https://link.springer.com/collections/hfedabddfj</a>
Yasuhide Fukumoto	Fukumoto and Zou (2023)	Special Topics	Regular (DPP2021-Fundamental)
Jiansheng Hu	Hu et al. (2023)	Special Topics	MF-BoE2021; <a href="https://link.springer.com/collections/fcbhadehdi">https://link.springer.com/collections/fcbhadehdi</a>
Yangyang Fu	Fu et al. (2023)	Review	BA2021; <a href="https://link.springer.com/collections/ccdfjgdef">https://link.springer.com/collections/ccdfjgdef</a>
Hans Schamel	Schamel (2023)	Special Topics	Regular(Fundamental)
Yipo Zhang	Zhang et al. (2023)	Special Topics	MF2021; <a href="https://link.springer.com/collections/gbgehbaeih">https://link.springer.com/collections/gbgehbaeih</a>
Hiroki Morita	Morita and Fujioka (2023)	Review	HEDP; <a href="https://link.springer.com/collections/gbdbfgijcf">https://link.springer.com/collections/gbdbfgijcf</a>
Guosheng Xu	Xu et al. (2023)	Special Topics	U40; <a href="https://link.springer.com/collections/hdhgbbiahb">https://link.springer.com/collections/hdhgbbiahb</a> , MF-BoE2021; <a href="https://link.springer.com/collections/fcbhadehdi">https://link.springer.com/collections/fcbhadehdi</a>
Pengfei Liu	Liu et al. (2023)	Special Topics	KAW; <a href="https://link.springer.com/collections/hfedabddfj">https://link.springer.com/collections/hfedabddfj</a>
Julien Hillairet	Hillairet (2023)	Special Topics	MF2021; <a href="https://link.springer.com/collections/gbgehbaeih">https://link.springer.com/collections/gbgehbaeih</a>
Richard Morton	Morton et al. (2023)	Special Topics	ST; <a href="https://link.springer.com/collections/adeajjhha">https://link.springer.com/collections/adeajjhha</a>
Arnab Rai Choudhuri	Choudhuri (2023)	Chandrasekhar	Chandra; <a href="https://link.springer.com/collections/gcjdhaija">https://link.springer.com/collections/gcjdhaija</a>
Chao Dong	Dong et al. (2023)	Review	MF-BoE2021; <a href="https://link.springer.com/collections/fcbhadehdi">https://link.springer.com/collections/fcbhadehdi</a>
Özgur D. Gürçan	Gürçan (2023)	Review	Turb.; <a href="https://link.springer.com/collections/aahfhdcifh">https://link.springer.com/collections/aahfhdcifh</a>
Akihide Fujisawa	Fujisawa et al. (2023)	History	Regular
Nirmal K. Bisai	Bisai and Sen (2023)	Special Topics	MF2021; <a href="https://link.springer.com/collections/gbgehbaeih">https://link.springer.com/collections/gbgehbaeih</a>
Katsumi Ida	Ida (2023)	Review	MF-BoE2021; <a href="https://link.springer.com/collections/fcbhadehdi">https://link.springer.com/collections/fcbhadehdi</a>
Ist Author	References	Article type	Collection
Yasuhiro Kuramitsu	Kuramitsu et al. (2023)	Review	HEDP; <a href="https://link.springer.com/collections/gbdbfgijcf">https://link.springer.com/collections/gbdbfgijcf</a>
Jose Tito Mendonca	Mendonca (2023)	Review	Regular(DPP2022-Basic)
Rongsheng Wang	Wang et al. (2023)	Review	ST; <a href="https://link.springer.com/collections/hdhgbbiahb">https://link.springer.com/collections/hdhgbbiahb</a>
Zhiyong Qiu	Qiu et al. (2023)	Special Topics	KAW; <a href="https://link.springer.com/collections/hdhgbbiahb">https://link.springer.com/collections/hdhgbbiahb</a> U40; <a href="https://link.springer.com/collections/hfedabddfj">https://link.springer.com/collections/hfedabddfj</a>
Bo Ouyang	Ouyang et al. (2023)	Review	BA2021; <a href="https://link.springer.com/collections/ccdfjgdef">https://link.springer.com/collections/ccdfjgdef</a>
George K. Parks	Parks et al. (2023)	Review	ST; <a href="https://link.springer.com/collections/adeajjhha">https://link.springer.com/collections/adeajjhha</a>
Alexandros Alexakis	Alexakis (2023)	Review	Turb.; <a href="https://link.springer.com/collections/aahfhdcifh">https://link.springer.com/collections/aahfhdcifh</a>
Erico L. Rempel	Rempel et al. (2023)	Special Topics	ST; <a href="https://link.springer.com/collections/adeajjhha">https://link.springer.com/collections/adeajjhha</a>
Nobumitsu Yokoi	Yokoi (2023)	Review	Regular (DPP2021-Fundamental)
Chaojie Zhang	Zhang et al. (2023)	Review	Regular (DPP2021-Fundamental)