

Preliminary announcement (3rd version.2021.03.29)
5th Asia-Pacific Conference on Plasma Physics
(AAPPS-DPP2021 on-line E-conference, Sept. 26-Oct. 1, 2021)

<http://aappsdp.org/DPP2021/index.html>

[1] **Scope of the AAPPS-DPP2021:** AAPPS-DPP2021 is an international plasma physics conference under the auspice of AAPPS-DPP. The conference will be physics oriented and provide interdisciplinary and in-depth scientific discussions among and in various fields of plasma physics and applications.

[2] **Organization:** AAPPS-DPP (<http://aappsdp.org/AAPPSDPPF/>) is the organizing body of this conference. The AAPPS-DPP 2021 annual conference will be a remote on-line e-conference using Zoom systems similar to AAPPS-DPP 2020, which was quite successful with 930 participants from all over the world.



AAPPS-DPP chair
& 2021 IOC Chair
Baonian Wan



AAPPS-DPP CEO
& General PC chair
Mitsuru Kikuchi



AAPPS-DPP vice chair
& 2021 LOC chair
Masaharu Shiratani

[3] **Conference Period :**

September 26 (Sun)– October 1(Friday), 2021

[4] **On-line Remote Conference**

On March 24, the Board of Directors of AAPPS-DPP decided that AAPPS-DPP2021 will be a full e-conference similar to AAPPS-DPP2020. Zoom team will be formed by Local Organizing Committee chaired by M. Shiratani. On-line conference enables presentations from your home country/region all over the world. Tentative schedule is attached in Table 1.

[5] **Important dates**

- | | |
|---|-------------------------------------|
| 1. Nomination of plenary and invited speakers | : Feb. 7 – May 31 ← Extended |
| https://www.gakkai-web.net/aappsdp_nm/ | |
| 2. Nomination of 2021 S. Chandrasekhar Prize | : Feb. 7 – April 30 |
| 3. Nomination of 2021 Plasma Innovation Prize | : Feb. 7 – April 30 |
| 4. Notification of plenary and invited speakers | : May 30 |
| 5. Nomination of AAPPS-DPP Young Researcher (U40) award | : March 1 – May 30 |
| 6. Nomination of U30 award | : March 1 – May 30 |
| 7. Contributed abstract submission | : May 1 – June 30 |
| 8. Notification of acceptance of contributed presentation | : July 30 |

Sponsored by:

1. APCTP (Asia Pacific Center for Theoretical Physics) <https://www.apctp.org/main/>
2. IFE Forum (Sponsor froms 2018 U30 Award) <http://www.ilt.or.jp/forum/>



[6] Registration fee

Registration fee is different for participants with and w/o presentation for DPP members (including endorsed and recognizing societies) and time zones from which participants join. Registration and payment shall be made before **September 1** to allow access and test of e-conference Zoom. Registration fee will be reimbursed for cancellation due to unexpected situation until two weeks before the e-conference (Sept. 12). All unregistered and cancelled presentations will be deleted from the program. No registration fee reimbursement after Sept. 12.

	DPP member with presentation	DPP student/retired with presentation	DPP member w/o presentation	Non-member / non-member student	
East Asia-Pacific	200\$	100\$	50\$	300\$ / 150\$	
India, Bangladesh, Pakistan	100\$	50\$	50\$	300\$ / 150\$	
US, Europe	100\$	50\$	50\$	300\$ / 150\$	

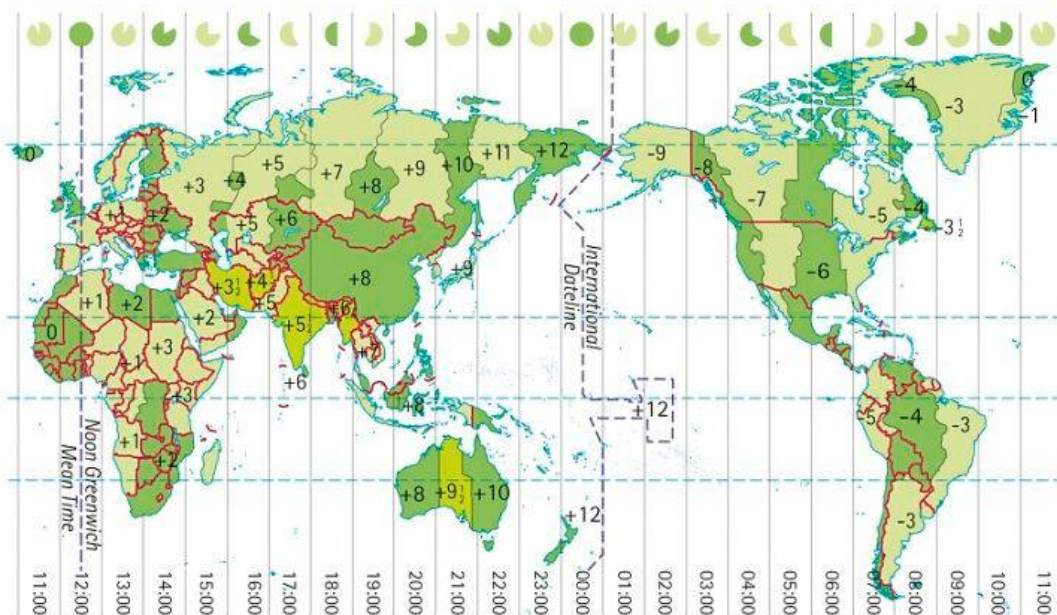
Note: DPP member includes those from endorsed/recognized societies.

Financial support: Limited funds are available to provide financial support to selected participants. Priority will be given to retired and student presenters and presenters from developing countries to support their registration fee payment. Students with good abstracts may be given higher priority for support.

[7] World Time differences in various region [2021.09.26]

JP	AU	AU	AU	KR	CN	TW	PH	ID	MY	TH	VN	MM	BG	NP	IN	PK
Tokyo	Sidney	Adelaide	W-AU	Seoul	Beijing	Taipei	Manila	Jakarta	Kuala	Bangkok	Hanoi	Yangon	Dhaka	Kath.	NDelhi	PK
8:00	9:00	8:30	7:00	8:00	7:00	←	←	←	←	6:00	←	6:30	5:00	4:45	4:30	4:00
9:00	10:00	9:30	8:00	9:00	8:00	←	←	←	←	7:00	←	7:30	6:00	5:45	5:30	5:00
10:00	11:00	10:30	9:00	10:00	9:00	←	←	←	←	8:00	←	8:30	7:00	6:45	6:30	6:00
11:00	12:00	11:30	10:00	11:00	10:00	←	←	←	←	9:00	←	9:30	8:00	7:45	7:30	7:00
12:00	13:00	12:30	11:00	12:00	11:00	←	←	←	←	10:00	←	10:30	9:00	8:45	8:30	8:00
13:00	14:00	13:30	12:00	13:00	12:00	←	←	←	←	11:00	←	11:30	10:00	9:45	9:30	9:00
14:00	15:00	14:30	13:00	14:00	13:00	←	←	←	←	12:00	←	12:30	11:00	10:45	10:30	10:00
15:00	16:00	15:30	14:00	15:00	14:00	←	←	←	←	13:00	←	13:30	12:00	11:45	11:30	11:00
16:00	17:00	16:30	15:00	16:00	15:00	←	←	←	←	14:00	←	14:30	13:00	12:45	12:30	12:00
17:00	18:00	17:30	16:00	17:00	16:00	←	←	←	←	15:00	←	15:30	14:00	13:45	13:30	13:00
18:00	19:00	18:30	17:00	18:00	17:00	←	←	←	←	16:00	←	16:30	15:00	14:45	14:30	14:00
19:00	20:00	19:30	18:00	19:00	18:00	←	←	←	←	17:00	←	17:30	16:00	15:45	15:30	15:00
20:00	21:00	20:30	19:00	20:00	19:00	←	←	←	←	18:00	←	18:30	17:00	16:45	16:30	16:00
21:00	22:00	21:30	20:00	21:00	20:00	←	←	←	←	19:00	←	19:30	18:00	17:45	17:30	17:00

JP	RU	IL	BG	FR	BE	DE	CH	AT	IT	SE	ES	GB	PT	BR	US	US	US	US
Tokyo	Moscow	Jeru	Soph	Paris	Bru	Berlin	Zur	Wien	Rome	Stoch	Mad	London	Lisbon	SaoP	EST	CST	MST	PST
8:00	2:00	←	←	1:00	←	←	←	←	←	←	←	0:00	←	20:00	19:00	18:00	17:00	16:00
9:00	3:00	←	←	2:00	←	←	←	←	←	←	←	1:00	←	21:00	20:00	19:00	18:00	17:00
10:00	4:00	←	←	3:00	←	←	←	←	←	←	←	2:00	←	22:00	21:00	20:00	19:00	18:00
11:00	5:00	←	←	4:00	←	←	←	←	←	←	←	3:00	←	23:00	22:00	21:00	20:00	19:00
12:00	6:00	←	←	5:00	←	←	←	←	←	←	←	4:00	←	24:00	23:00	22:00	21:00	20:00
13:00	7:00	←	←	6:00	←	←	←	←	←	←	←	5:00	←	1:00	24:00	23:00	22:00	21:00
14:00	8:00	←	←	7:00	←	←	←	←	←	←	←	6:00	←	2:00	1:00	24:00	23:00	22:00
15:00	9:00	←	←	8:00	←	←	←	←	←	←	←	7:00	←	3:00	2:00	1:00	24:00	23:00
16:00	10:00	←	←	9:00	←	←	←	←	←	←	←	8:00	←	4:00	3:00	2:00	1:00	24:00
17:00	11:00	←	←	10:00	←	←	←	←	←	←	←	9:00	←	5:00	4:00	3:00	2:00	1:00
18:00	12:00	←	←	11:00	←	←	←	←	←	←	←	10:00	←	6:00	5:00	4:00	3:00	2:00
19:00	13:00	←	←	12:00	←	←	←	←	←	←	←	11:00	←	7:00	6:00	5:00	4:00	3:00
20:00	14:00	←	←	13:00	←	←	←	←	←	←	←	12:00	←	8:00	7:00	6:00	5:00	4:00
21:00	15:00	←	←	14:00	←	←	←	←	←	←	←	13:00	←	9:00	8:00	7:00	6:00	5:00



[8] Program overview

Program time is based on Japan time for AAPPSDPP2021 e-conference. However, participants are expected to join the conference from various places in the world including Australia, China, ASEAN, India, Bangladesh, Pakistan, Nepal, Russia, EU countries, UK, Brazil, US. The e-conference runs from Sunday (Sep. 26) to Friday (Oct. 1) as shown in Table 1.

On-line Reception (Sept. 26(Sun)):

Kyushu University (M. Shiratani) will organize an on-line reception in the morning (inc. US participants) and afternoon (inc. European participants). Detail will be announced later.

AAPPS-DPP General Assembly (Sept. 26(Sun)):

AAPPS-DPP general assembly will be held to appoint new Member of Board of Directors, Auditor and approval of budget balance. Also activity reports will be given.

Opening session (Sept. 27 (Mon)): Opening session is 90 minutes, which includes opening addresses and introduction of AAPPS-DPP Prize and Award winners such as S. Chandrasekhar Prize, Plasma Innovation Prize, U40 and U30 awards.

Plenary Talk: Plenary talk is 30 minutes including a one minute introduction by session chair and 4 minutes discussion. Total number of plenary talks is 39 and distributed among three time zones so that we can accommodate outstanding talks from all over the world. Audience of plenary talks are general plasma physicists and do not know details in specific field. Therefore, speakers should give some tutorial and minimize jargon specific to one's own field and should limit scientific contents to at most a few outstanding works.

Topical sessions: There are 9 sub-disciplines; Cross Disciplinary (Kinetic Alfvén Wave) (CD), Fundamental (F), Basic (B), Applied (A), Laser (L), Space/Geomagnetism (SG), Solar/Astro (SA), Magnetic Fusion 1 (core plasma) (MF1), Magnetic Fusion 2 (edge/divertor) (MF2).

Here,

Fundamental: All "Fundamental disciplines" common to various plasma application fields, such as plasma turbulence, MHD/Kinetic MHD and reconnection, Dynamo Theory, Gyrokinetic theory, Collisional transport, et al and Mathematical plasma physics. The Fundamental session welcomes papers on simulation and experiment which address fundamental questions in plasma physics

Basic: All common "methods" in plasma physics such as plasma diagnostics, plasma simulation, plasma sources. In this era of exascale computing, application of AI and Machine Learning as well as BigData methods to plasmas are strongly encouraged. Basic also covers unique & boundary category of plasma physics such as dusty/strongly coupled/quantum plasma physics, non-neutral plasmas, A&M in plasma and other emerging plasma physics.

Topical Plenary Talk: Each subdiscipline may have 40 minutes topical plenary talks including a one minute introduction by the session chair and 5 minutes discussion. Topical plenary talks may be either in single discipline (L, CD, F) or as joint sessions (A+B, SA+SG, MF1+MF2). Speaker can assume audience knows key words in the common fields.

Invited talk: Invited talk is 30 minutes including a one minute introduction by the session chair and 4 minutes discussion. Do not use crowded viewgraphs with so much information, that you have no time to describe it all.

Oral talk: Oral talk is 15 minutes including 3 minutes introduction and discussion.

Poster presentation: Poster Web site is prepared. Participants can access the poster by clicking poster ID. Audience can input questions and comments. E-mail is automatically sent to presenter and presenter should input reply by the end of the day. We may consider one page/ 3minutes presentation for the introduction of poster. Approximately 20% will be selected as poster prize, whose gift is a Springer book (<100USD).

Plenary and invited speakers can be nominated by any plasma physicists not limited to AAPPS-DPP members. Based on competitive nominations, plenary and invited speakers will be selected from nominations of plenary and invited speakers. Oral and poster will be selected from contributed abstract submissions by each sub-disciplinary Program Committee.

[9] Nomination of Plenary and Invited Speakers

Plenary and invited nomination site is <https://www.gakkai-web.net/aappsdpnm/>

Both nomination by other or self-nomination are acceptable. Use template at the site.

Conference has one-oral rule. So multiple nomination is not accepted, while additional poster presentation is encouraged. Do not forget/delete ID and PW so that you can modify nomination.

AAPPS-DPP2021 Annual Conference

Date Date September 26 - October 1, 2021 **Deadline** April 30

Note: Conference will be held full on-line e-conference

Nomination of plenary and invited papers

New Submission	Register your information and get an Nomination ID and Password.
Confirm / Modify	Confirm / Modify the registered information.
File Upload	Upload your PDF file.
PDF File View	View submitted PDF file.
Cancellation	Withdraw your submission.
Resend Password	Resend login information.

Please download and fill the following form and submit to this site.
[Template](#)

If you have any questions, please contact [here](#).

Web site for contributed, plenary and invited abstract: to be announced later.

[10] On-line conference

Zoom Meeting will be used for all sessions. Plenary will use Zoom Meeting with maximum 1,000 participants. Topical sessions will use 9 Zoom Meeting with maximum 500 participants. Nine oral sessions and one for pre-poster presentation. Manuals will be prepared for Presenter, Chairs, Chair-support, Audience.

Network: Connect to stable network. If not, application may be terminated. If you had network problem last year, please prepare way to improve your network.

Before conference: Please download Zoom application. If you use Web browser for Zoom, use Google Chrome.

Conference Web access: Conference site is accessible through “My Page” created for registered participants.

During presentation: Session chair will make all “mute” except host and speakers. After the talk, session chair will unmute all to start discussion.

Chat: Audience can input chat during presentation.

Microphone: Use earphone to minimize howling when you turn on the microphone for talk and question.

Session close: After the end of Q&A, session will be closed by host. All participants will be out automatically.

Termination: Meeting room may be terminated and changed if we have Zoom Bombing or big noise.

Copyright and Cloud recording: All presentation will be automatically recorded and its copyright belongs to organizer and authors. It is not allowed for participants to record and use for other purpose unless it is allowed by organizer and author. Last year, there are number of issues related to editing/deleting unwilling records and took long time to upload to conference Web site. If the author do not want recording, it must be informed to Zoom team and there might be a consideration for program allocation to reduce editing works of recorded file.

[11] AAPPS-DPP Prize and Awards

11.1 S. Chandrasekhar Prize of Plasma Physics

Any DPP members (excluding Chair, Chair-elect, CEO and members of selection committee) may submit one nomination or seconding letter for the prize in any given year. A nomination should include: A letter evaluating the nominee's qualifications in the light of the particular features of the prize and identifying the specific works to be recognized.

Nomination statement shall include:

1. Name of nominee (only one person)
2. Proposed Citation
3. Description of scientific accomplishments and its significance; along with reprints of 5 most significant publications with role and contribution played by the candidate for each paper.
4. CV of the nominee
5. Full list of publication with WoS citation for each paper (for possible papers recorded in WoS) and Google Scholar citation (inc. Books). Some information on published journal impact factor. You may use ResearcherID (<http://www.researcherid.com/Home.action>).
6. Seconding letters from four leading plasma physicists each letter less than 3 pages. Seconding letters are not limited from DPP member.
7. Commitment letter by the nominee to be able to participate AAPPS-DPP2020 to give an invited talk and to write a review article to the DPP's RMPP journal and the title of the paper.

Note: Winner shall submit the paper in about 8 months after the AAPPS-DPP2020.

Nomination shall be effective for two years but submission of updated package is welcomed. DPP shall not give more than once of this prize to the same recipient. The names of the Prize Selection committee members will be posted on the DPP homepage only after its decision. The nomination statement shall be sent to the DPP CEO (aapps.dpp.ceo@gmail.com) electronically.

DPP calls for sponsorship for 2021 S. Chandrasekhar Prize. Medal will be contributed by PSSI. The nomination deadline for 2021 S. Chandrasekhar Prize is **April 30, 2021** in Japan time.

Past recipients:

2014 : Prof. Setsuo Ichimaru	2015 : Prof. Predhiman Kaw	2016 : Prof. Donald B. Melrose
2017 : Prof. C.Z. Cheng, Prof. Lou C. Lee	2018 : Prof. Toshiki Tajima	2019 : Prof. Liu Chen, Prof. Kazunari Shibata
2020 : Prof. H. Park		

11.2 AAPPS-DPP Plasma Innovation Prize

Any DPP members (excluding DPP chair, chair-elect, CEO and members of the selection committee) may submit one nomination or seconding letter for "AAPPS-DPP Plasma Innovation Prize" in any given year. A nomination should include: A letter evaluating the nominee's qualifications in the light of the particular features of the prize and identifying the specific work to be recognized.

Nomination statement shall include:

1. Name of nominee (only one person)
2. Proposed Citation for Award
3. Description of scientific and/or innovative significance
4. Importance of the work, with focus on impacts on industry or innovation in plasma science, technology and applications
5. Detailed CV of the nominee
6. Selected most important publications on the citation with some information on published journal's impact factor, number of citations (WoS or Scopus). And list of patents. Please submit copies of the two most important papers and/or two patents with explanation of innovation/significance and role played by the candidates.
7. -Two seconding letters, from well-known experts in the field, each less than 3 pages. Seconding letters are not limited from AAPPS-DPP members.
8. Commitment letter by the nominee to be able to participate and make an invited/plenary presentation in AAPPS-DPP annual conference and to write a review article to the DPP's RMPP (Springer) journal. Please provide the title of the paper.

Note: Winner(s) shall submit the review paper in about 8 months after the AAPPS-DPP- annual conference.

The nomination is valid for two years. DPP shall not give the prize more than once to the same recipient. The names of members of the Prize Selection committee will be posted on the DPP homepage only after its decision. The nomination statement shall be sent to the DPP CEO (aapps.dpp.ceo@gmail.com) electronically. **Maximum of two recipients** will be selected each year. If no suitable candidate is found by the selection committee, then the PIP award for that year will not be given to maintain the high standard of the prize. The award ceremony will be held in AAPPS-DPP annual conference.

The nomination deadline for 2021 AAPPS-DPP Plasma Innovation Prize is **April 30, 2021** in Japan time.

Past laureates:

2019: Roderick W. Boswell
2020: Masaru Hori

11.3 U40 award [AAPPS-DPP Young researcher award 2021]

AAPPS-DPP recognizes young research scientists not more than 40 by AAPPS-DPP young research award since 2016. We will select 2021 winners along with our annual conference held at Fukuoka during Sept. 26-Oct 1, 2021. See past recipients at <http://aappsdp.org/AAPPSDPPF/awardtable.html>. A maximum of one award may be attributed for each of the seven sub-disciplines of the AAPPS-DPP. These sub-disciplines are: Fundamental, Basic, Applied, Laser, Space and Geomagnetism, Solar and Astrophysics, and Magnetic Fusion. When appropriate, the Committee may consider the nominee in a sub-discipline different from the originally nominated one. Selection committee will be formed under the chairmanship of Prof. TS Hahn. Nomination shall be sent to DPP CEO (aapps.dpp.ceo@gmail.com) before **May 30**.

[1] Eligibility: AAPPS-DPP member who, by the date of nomination deadline, is 40 years old or younger and 31 years or more.

Candidate's main body of works should have AAPPS affiliation*.

[2] Qualification: Played a leading role in making a significant research contribution(s) to plasma physics.

[3] Nomination package: No self-nomination.

1. Candidate's bio-sketch includes date of birth and citation metrics (WoS total cite and H-index). The bio-sketch of each nominee should provide his/her own statement of why he/she deems deserving the award. This statement should be factual and minimize the use of adjectives and adverbs.

2. Candidate's list of referred journal publications including citations numbers (WoS).

3. Nomination letter: Nominator must be an AAPPS-DPP member. Nomination letter should state a proposed citation.

4. Supporting letters: Maximum at two. Writers not limited to AAPPS-DPP members.

5. Significant publications in PDF format: Maximum at two. For each listed major publication, the nominator should indicate the role(s) played by the nominee and, if possible, the relative weight of his/her contribution.

[4] The recipients will be notified that she/he has to participate and present his/her work in order to receive the award (unless due to some justifiable reasons). We will officially announce the winners at the AAPPS-DPP meeting. This means candidate must submit contributed abstract by its deadline.

[5] Committee will select at maximum one winner from each sub-discipline. Winner will receive US\$500 and a certificate.

*: AAPPS region shown in green. EPS member society's regions (Turkey, Israel, Georgia) will be excluded.

11.4 U30 award [AAPPS-DPP U30 Doctoral Scientist / Student Award 2021]

This award recognizes exceptional U30 (under 30 years old) scientists/ students who have performed original work of outstanding scientific quality and achievement in the area of plasma physics. The selection committee will be formed under the chairmanship of Prof. Kunioki Mima (IFE Forum Chair). Nomination shall be sent to DPP CEO (aapps.dpp.ceo@gmail.com) before **May 30**.

[1] Establishment & Support

This award is established and endowed since 2018 by IFE-Forum <http://www.ilt.or.jp/forum/index.html>

[2] Eligibility and Qualification

Nominations will be accepted for AAPPS-DPP member U30 young scientist and doctoral student who have published original papers successfully within the preceding 36 months of the current nomination deadline. The age of nominees should be 30 years or less at the first day of the conference is held (Sept.26, 2021) and current institution or nationality is required to be in the AAPPS region*.

[3] Nomination Package

1. Nominee's contact information, publication list, and CV

2. Nominator's letter of not more than 1,000 words evaluating the nominee's qualifications for the award (self-nomination is not allowed).

3. At least one, but no more than four, seconding letters.

4. The nominee's main paper which will be evaluated as the work for the award

[4] Winner

1. Winner should give an oral talk on the awarded work at the AAPPS-DPP 2021.

2. Committee will select at maximum five winners. Winner will receive a certificate and US\$300.

[5] Remarks

The selection of winners will subject to the peer review of the research achievements. But, when it is necessary, the balance of distribution of winners' fields will be taken into account.

*: AAPPS region shown in green. EPS member society's regions (Turkey, Israel, Georgia) will be excluded.



11.5 Poster Prize: Approximately 20% of poster presentations will be selected by the committee on-line.

[12] Committees

International Organizing committee

IOC chair: Baoniani Wan (CN), **IOC Co-chairs:** Mitsuru Kikuchi (JP), Abhijit Sen (IN), Wonho Choe (KR)

Endorsed/ recognizing societies: Michael Brown (APS-DPP), Ellen Zweibel (APS-DPP), Richard Dendy (EPS-DPP), Ge Zhuang (CPS-DPP), Toshiro Kaneko (JPS-plasma), Dong-o JEON (KPS-DPP), Prabal K. Chattopadhyay (PSSI), Masayuki Umemura (ASJ), Yipeng Jing (CAS), GC Anupama (ASI), Yasuharu Omura (SGEPSS), Ji Wu (CSSR), Kazuo Kyuma (LSJ), Jie Zhang (CPS-DHEDP), Mineo Hiramatsu (JSAP-DPE), Jing Zhang (CMS-DPP), Masahiro Mori (JSPF), Rajdeep S. Rawat (AAAPT), Matthew J. Hole (Australian ITER Forum)

DPP Prize Laureates: Don Melrose (AU), Lou-Chuang Lee (TW), Chio Zong Cheng (TW), Toshiki Tajima (JP/US), Liu Chen (CN), Kazunari Shibata (JP), Roderick Boswell (AU), Hyeon Park (KR), Masaru Hori (JP),

CD: F. Zonca (IT), Yu Lin (US), DJ Wu (CN)

Fundamental: Akira Hasegawa (JP), R.L. Dewar (AU), Patrick Diamond (CN/US), Chuan Sheng Liu (US), TS Hahm (KR), Zensho Yoshida (JP), Hideo Sugama (JP), Akihito Fujisawa (JP), Yasushi Ono (JP), Guoyang Fu (CN), Shaojie Wang (CN), Dominique Escande (FR), Xavier Garbet (FR), George Tynan (US), James Drake (US), Ding Li (CN), Phillip Morrison (US), Michio Yamada (JP), Yasushi Todo (JP),

Basic: Lin I (TW), Tomohiko Watanabe (JP), Sudeep Bhattacharjee (IN), Chiow-San Wong (MY), Rajaraman Ganesh (IN), A A Mamun (BG), Michel Bonitz (DE), Giovanni Manfredi (FR), Amar Misra (IN), Osamu Ishihara (JP), Guru Ganguli (US), Troy Carter (US), Gunsu Yun (KR), Mike Mauel (US), Cary Forrest (US), Shunjiro Shinohara (JP), Hiroshi Akatsuka (JP), Yaming Zou (CN), Kwo Ray Chu (TW), Yoshiharu Uesugi (JP), Kenji Tanaka (JP), Igor Levchenko (SG), Katia Bazaka (AU), Shin-Hung Chen (TW), Avinash Khare (IN), Choong-Seock Chang (US), Yasuhiro Idomura (JP), Frank Jenko (US), Zhihong Lin (US), Fredrick Skiff (US), Kazunori Takahashi (JP), Yan Feng (CN), Cormac Corr (AU), Heremba Bailung (IN),

Applied: Rikizo Hatakeyama (JP), Francis F. Chen (US), S.J. Yoo (KR), Yi-Kang Pu (CN), Masaharu Shiratani (JP), Giichiro Uchida (JP), Paul Kim Ho Chu (HK), Eun Ha Choi (KR), Michael Keidar (US), Felipe Iza (UK), Anthony Murphy (AU), Eric Johnson (FR), Heping Li (CN), Takayuki Watanabe (JP), Jinxiu Ma (CN), Jung-Sik Yoon (KR), Chin Oi Hoong (MY), Deepak Prasad Subedi (NP), Ashish Gangul (IN), Bong Geun Hong (KR), Sudhir Kumar Nema (IN), Jing Zhang (CN), Uwe Czarnetzki (DE), JJ Shi (CN),

Laser: Kunioki Mima (JP), Xian Tu He (CN), Chang Hee Nam (KR), Heinrich Hora (AU), Ryosuke Kodama (JP), G. Ravindra Kumar (IN), Yutong Li (CN), M. Krishnamurthy (IN), Zheng Ming Sheng (CN), Yoshiaki Kato (JP), Tetsuya Kawachi (JP), Amita Das (IN), Chan Joshi (US), E. Michael Campbell (US), Sylvie Jacquemot (EU), Robert Bingham (UK), Sergei Bulanov (EU), Vladimir Tikhonchuk (FR), Michel Koenig (FR), Kazuo Tanaka (RO), Hideaki Takabe (TW), Youichi Sakawa (JP), Masakatsu Murakami (JP), Hiroyuki Shiraga (JP), Hitoki Yoneda (JP), Jian Zheng (CN), Wei Lu (CN), Ke Lan (CN), Baifei Shen (CN), Sudip Sengupta (IN), Hyyong Suk (KR), James Sadler (US), Mark Herrmann (US),

Space/Geomag: Bimla Buti (IN), Zuyin Pu (CN), Ryouichi Fujii (JP), Dong-Hun Lee (KR), Abraham Chian (AU), Toru Hada (JP), Chuanyi Tu (CN), Xiaohua Deng (CN), Xiaogang Wang (CN), Lin Ni Hau (TW), Gurbax Lakhina (IN), Iver Cairns (AU), Dae-Young Lee (KR), Daniel Baker (US), Peter Yoon (US), Fouad Sahaoul (FR), Akira Kageyama (JP), David Hughes (UK), Chi Wang (CN), Yusuke Ebihara (JP), Xuening Bai (CN), Chris Crabtree (US), Quanming Lu (CN), Jiansen He (CN),

Solar/Astro: Arnab Rai Chaudhuri (IN), Jingxiu Wang (CN), Masahiro Hoshino (JP), Ryoji Matsumoto (JP), Peng-Fei Chen (CN), Jongchul Chae (KR), Jungyeon Cho (KR), De-Jin Wu (CN), Kanya Kusano (JP), Rony Keppens (DE), Joerg Buechner (DE), Geoffrey Bicknell (AU), Dongsu Ryu (KR), Jinlin Han (CN), Feng Yuan (CN), Vinod Krishan (IN), Dipankar Banerjee (IN), Shuichiro Inutsuka (JP), Hantao Ji (US), Hui Li (US), Shuang-Nan Zhang (CN), Wing-Huen Ip (TW), Takaaki Yokoyama (JP),

Magnetic Fusion: Won Namkung (KR), Akio Komori (JP), Xuru Duan (CN), Jiangang Li (CN), Yongseok Hwang (KR), Min Xu (CN), Ge Zhuang (CN), Hiroshi Yamada (JP), Siwoo Yoon (KR), Lu Wang (CN), Yongkyoon In (KR), Katsumi Ida (JP), Tomohiro Morisaki (JP), Guosheng Xu (CN), Xianzu Gong (CN), Jiaqi Dong (CN), Zhe Gao (CN), Yutaka Kamada (JP), Yasuaki Kishimoto (JP), Yong-Su Na (KR), Shashank Chaturvedi (IN), Anthony Donne (EU), Sibylle Guenter (DE), Hartmut Zohm (DE), Alain Becoulet (ITER), Tuong Hoang (CEA), Ian Chapman (UK), Joaquin Sanchez (ES), Piero Martin (IT), Ambrogio Fasoli (CH), Tony Taylor (US), Francois Waelbloeck (US), Dennis Whyte (US), Richard Hawryluk (US), Alberto Loarte (ITER), Tim Luce (ITER), Yuanxi Wan (CN), Kazunobu Nagasaki (JP), Kazuaki Hanada (JP), Mizuki Sakamoto (JP), Richard Buttery (US), Yunfeng Liang (CN), Takaaki Fujita (JP), Howard Wilson (UK), Stan Kaye (US), P. Snyder (US), J. Rice (US), S. Brezinsek (DE), R. Wolf (DE)

Scientific Program committee

General PC chair: M. Kikuchi, co-chairs: A. Sen, B. Wan, Wonho Choe

CD (Cross-disciplinary; Kinetic Alfvén Waves) : Fulvio Zonca, ZJU/ENEA (IT, Co-chair), Yu Lin, Auburn U. (US, Co-chair), De-Jin Wu, PMO (CN, Co-chair), Jiansen He, PKU (CN), Bo Li, Shandong U. (CN), Silvio Sergio Cerri, Princeton U. (US), Philipp Lauber, IPP Garching (DE), Zhiyong Qiu, ZJU (CN), Yasushi Todo, NIFS (JP), Dong-Hun Lee, Kyung Hee Univ. (KR),

F (Fundamental); Taik Soo Hahm, SNU (KR, Co-chair), Patrick Diamond, SWIP/UCSD (CN/US, Co-chair), Xavie Garbet, CEA (FR), Steven Tobias, U. Leeds (UK), Yusuke Kosuga RIAM (JP), JaeMin Kwon, KFE (KR), Rahul Pandit, IISc (IN), Amita Das, IIT Delhi (IN), Francois Waelbloeck IFS (US), Zhibin Guo, PKU (CN), Lu Wang, HUST (CN), Snezhana Arbazhi, U. West Australia (AU)

B (Basic); Rajaraman Ganesh, IPR, (IN, Chair), Gunsu Yun, Postech (KR, Vice Chair), Haruhiko Himura, KIT (JP, Vice chair), Yan Feng, Soochow U. (CN, Vice chairs), Tomohiko Watanabe, Nagoya U. (JP), Hae Jun Lee, Pusan Nat. U. (KR), Sudeep Bhattacharjee, IITK (IN), Giovanni Manfredi, IPCMS (FR), Michael Bonitz, U. Kiel (DE), Gurudas Ganguli, NRL (US), Edward Thomas, Auburn U. (US)

A (Applied); Giichiro Uchida, Meijyo U (JP, Chair), Wonho Choe, KAIST (KR, Vice Chair), Masaharu Shiratani, Kyushu Univ. (JP, Vice chair), J.J. Shi, Donghua Univ. (CN, Vice chair), Jung Sik Yoon, KFE (KR, Vice chair), Aryasomayajula Subrahmanyam, IIT (IN, Vice chair), Tomohiro Nozaki, TITECH (JP), Yuan-Hong Song, DUT (CN), Tony Murphy, CSIRO (AU), Yevgeny Raitses, PPPL (US), Uros Cvelbar, JSI (SI)

L (Laser); Yutong Li, IOP-CAS, (CN, Chair), M. Krishnamurthy, TIFR (IN, Vice chair), C.H. Nam, GIST (KR, Vice chair), Y. Sakawa, Osaka U. (JP, Vice chair), K. Mima, GPI, (JP), ZM Sheng, SJTU (CN), Hyyong Suk, GIST (KR), Jian Zheng, USTC (CN), Yongtao Zhao, XJTU (CN), Ke Lan, IAPCM (CN), Yuji Fukuda, QST (JP), Kitae Lee, KAERI (KR), Sudip Sengupta, IPR (IN), Michel Koenig, LULI (FR), Stefan Weber, ELI (CZ), Bin Qiao, PKU (CN), Yoshitaka Mori, GPI (JP), Bobbili Sanyasi Rao, RRCAT (IN), Ki-Yong Kim, U. Maryland (US), Min Chen, SJTU (CN),

SG (Space/ Geomagnetism); Tohru Hada, Kyushu Univ. (JP, Chair), Abraham Chian, Univ. Adelaide (AU, Vice chair), Lin-Ni Hau, NCU (TW), Masahiro Hoshino, U. Tokyo (JP), Gurbax Lakhina, Indian Inst Geomagnetism (IN), Dong-Hun Lee, Kyung Hee Univ.

(KR), Bertland Lembege, LATMOS (FR), QuanMing Lu, USTC (CN), Yasuhito Narita, Space Research Institute, AAS (Austria), Yoshiharu Omura, Kyoto Univ. (JP), Nazish Rubab, University of Central Punjab (PK), David Ruffolo, Mahidol U. (TH), Kanako Seki, U. Tokyo (JP), Peter Yoon, U. Maryland (US), Meng Zhou, Nanchan U. (CN)
 SA (Solar/Astro); Ryoji Matsumoto, Chiba Univ. (JP, Chair), Peng-Fei Chen, Nanjing Univ. (CN, Vice Chair), Jungyeon Cho, Chungnam National U. (KR, Vice Chair), Patrick Antolin, Northumbria Univ. (UK), Jinlin Han, NAOC (CN), Shu-ichiro Inutsuka, Nagoya Univ. (JP), Wing-Huen Ip, National Central Univ. (TW), Hantao Ji, Princeton Univ. (US), Rony Keppens, KU Leuven, (DE), Hui Li, Los Alamos National Lab (US), Brigitte Schmieder, Paris Observatory (FR), Takaaki Yokoyama, Univ. Tokyo (JP), Fu-Lai Guo, Shanghai Astronomical Observatory (CN), Durgesh Tripathi, IUCCA (IN), Takeru Suzuki, Univ. Tokyo (JP), Kyungsuk Cho, KASI(KR)
MF1 (Core); Hiroshi Yamada, U. Tokyo (JP, Chair), Lu Wang, HUST (CN, Vice chair), Jinil Chung, KFE (KR, Vice chair), Wulyu Zhong, SWIP (CN, Vice chair), Indranil Bandyopadhyay, ITER India (India), Katsumi Ida, NIFS (JP), Juhyung Kim, KFE (KR), Yasuhiro Suzuki, NIFS (JP), Bo Lyu, ASIPP (CN), Matthew Hole, ANU (AU), Ulrich Stroth, IPP (DE), Michael C. Zarnstorff, PPPL (US)
MF2 (Edge/Div); Ge Zhuang, USTC (CN, Chair), Yongkyoon In, UNIST (KR, vice-chair), Kazuaki Hanada, RIAM (JP, vice-chair), Liang Wang, ASIPP (CN, vice-chair), Gun young Park, KFE (KR), Hyung Ho Lee, KFE (KR), Laizhong Cai, SWIP (CN), Chaofeng Sang, DIT (CN), Mizuki Sakamoto, Tsukuba U. (JP), Suguru Masuzaki, NIFS (JP), Macro Wischmeier, IPP (EU-Germany), Rajesh Maingi, PPPL(US)

[13] Endorsement and Recognition

Endorsed by

1. Division of plasma physics in American Physical Society (APS-DPP, <https://www.aps.org/units/dpp/>) tbc.
2. Physical Society of Japan (JPS, <http://www.jps.or.jp/english/>)
3. Division of Plasma Physics, The Chinese Physical Society (CPS-DPP, <http://www.cps-net.org.cn/English.htm>) tbc.
4. Division of Plasma Physics, The Korean Physical Society (KPS-DPP, <http://www.kps.or.kr/>)
5. Plasma Science Society of India (PSSI, <http://www.pssi.in/>) tbc.
6. Astronomical society of Japan (ASJ, <http://www.asj.or.jp/>) tbc.
7. Astronomical society of India (ASI, <https://www.astron-soc.in/>) tbc.
8. The Society of Geomagnetism and Earth, Planetary and Space Sciences (SGEPSS, <http://www.sgepss.org/sgepss/index-e.html>) tbc.
9. Chinese Society of Space Research (CSSR, <http://before.cast.org.cn/n57811438/n57811577/n57820136/c344964/content.html>) tbc.
10. Japan Society of Applied Physics (JSAP, <http://annex.jsap.or.jp/plasma/>)
11. Division of Plasma Science and Technology, Chinese society of theoretical and applied mechanics (DPST-CSM, <https://en.cstam.org.cn/>)
12. Laser Society of Japan (LSJ, <http://www.lsj.or.jp/LSJHP/LSJindex.html>)
13. Division of High Energy Density Physics, The Chinese Physical Society (CPS-DHEDP, <http://www.cps-net.org.cn/English.htm>) tbc.
14. Japan Society of Plasma Science and Nuclear Fusion Research (JSPF, <http://www.jspf.or.jp/eng/>) tbc.
15. Division of Nuclear Fusion and Plasma Physics, Chinese Nuclear Society (CNS-NFPP, <http://before.cast.org.cn/n57811438/n57811577/n57820141/c345284/content.html>) tbc.
16. Asian African Association on Plasma Training (AAAPT, <http://www.aaapt.org/>) tbc.
17. Australian ITER Forum (<http://fusion.ainse.edu.au/>) tbc.

Recognized by

1. European Physical Society (EPS-DPP, <http://plasma.ciemat.es/eps/>) tbc.
2. Chinese Astronomical Society (CAS, <http://english.astronomy.pmo.cas.cn/>) tbc.

Note: DPP member fee is applied for participants from endorsed or recognized Societies shown above.

Disclaimer

The attendance of AAPPS-DPP2021 e-conference is at own risk. While the organizers will make every effort to conduct this conference according to the announced schedule, unlikely, unforeseen circumstances may result in change of the schedule or cancelation of the conference. These changes will be posted at the conference website. No liability is assumed for inaccuracy, misdescription, delay, damage, and loss.

Table 1: Sessions in AAPPS-DPP2021 on-line e-conference

JP/IN/FR/NY/CA	Sunday (Sept. 26)	Monday (Sept. 27)	Tuesday (Sept. 28)	Wednesday (Sept. 29)	Thursday (Sept. 30)	Friday (Oct. 1)
8:00/4:30/1:00/19:00/16:00		8:00 Zoom open	8:00 Zoom open	8:00 Zoom open	8:00 Zoom open	8:00 Zoom open
8:30/5:00/1:30/19:30/16:30			Plenary-4 (ZoomP) 8:30-10:00 [Chair:] PL-9: PL-10: PL-11:	Plenary-7(ZoomP) 8:30-10:00 [Chair:] PL-17: PL-18: PL-19:	Plenary-10 (ZoomP) 8:30-10:00 [Chair:] PL-25: PL-26: PL-27:	Plenary-13(ZoomP) 8:30-10:00 [Chair:] PL-33: PL-34: PL-35:
9:00/5:30/2:00/20:00/17:00	9:00 Zoom open	Opening (ZoomP) 9:00-10:30 [Chair: M. Shiratani] B. Wan (IOC&DPP chair) Kyushu U President (host) M. Kikuchi (AAPPS-DPP CEO) U30 award(K. Mima) U40 award(TS Hahm) Plasma Innovation Prize(tbd) Chandrasekhar Prize(tbd, Ganesh)	30 min. Break	30 min. Break	30 min. Break	30 min. Break
9:30/6:00/2:30/20:30/17:30						
10:00/6:30/3:00/21:00/18:00	10:00-12:00 : Reception(1) Kyushu U. M. Shiratani, B. Wan		Topical session 3 10:30-12:30: Plenary-1(ZoomP)10:30-12:00 [Chair:] PL-1: Host plenary PL-2: Chandra Lecture (res) PL-3: PIP Lecture(res)	Topical session 6 10:30-12:30: CD-6 [Chair:] F-6 [Chair:] B-3 [Chair:] A-3 [Chair:] L-6 [Chair:] SG-3[Chair:] SA-3 [Chair:] MF1-3[Chair:] MF2-3 [Chair:]	Topical session 9 10:30-12:30: CD-9 [Chair:] F-9 [Chair:] B-6 [Chair:] A-6 [Chair:] L-9 [Chair:] SG-6[Chair:] SA-6 [Chair:] MF1-6[Chair:] MF2-6 [Chair:]	Topical session 12 10:30-12:30: CD-12 [Chair:] F-12 [Chair:] B-9 [Chair:] A-9 [Chair:] L-12[Chair:] SG-9[Chair:] SA-9 [Chair:] MF1-9[Chair:] MF2-9 [Chair:]
10:30/7:00/3:30/21:30/18:30						
11:00/7:30/4:00/22:00/19:00						
11:30/8:00/4:30/22:30/19:30						
12:00/8:30/5:00/23:00/20:00		12:00-13:00: Break	12:30-13:00: Break	12:30-13:00: Break	12:30-13:00: Break	12:30-13:00: Break
12:30/9:00/5:30/23:30/20:30						
13:00/9:30/6:00/0:00/21:00	13:00-14:00 I-HAC meeting	Plenary-2(ZoomP):13:00-14:00 [Chair:] PL-4: Chandra Lecture PL-5: PIP Lecture	Plenary-5(ZoomP):13:00-14:00 [Chair:] PL-12: PL-13:	Plenary-8(ZoomP):13:00-14:00 [Chair:] PL-20: PL-21:	Plenary-11(ZoomP):13:00-14:00 [Chair:] PL-28: PL-29:	Plenary-14(ZoomP):13:00-14:00 [Chair:] PL-36: PL-37:
13:30/10:00/6:30/0:30/21:30						
14:00/10:30/7:00/1:00/22:00		14:00-14:30: Break	14:00-14:30: Break	14:00-14:30: Break	14:00-14:30: Break	14:00-14:30: Break
14:30/11:00/7:30/1:30/22:30	14:30-15:30 General Assembly	Topical Session-1 14:30-16:30: CD-1 [Char:] F-1 [Char:] AB-Plenary1 [Char:] L-1 [Char:] AS-Plenary1 [Char:] MF-Plenary1 [Char:]	Topical session 4 14:30-16:30: CD-4 [Chair:] F-4 [Chair:] L-4 [Chair:] B-1 [Chair:] A-1 [Chair:] SG-1 [Chair:] SA-1 [Chair:] MF1-1 [Chair:] MF2-1 [Chair:]	Topical Session 7: 14:30-16:30: CD-7 [Chair:] F-7 [Chair:] B-4 [Chair:] A-4 [Chair:] L-7 [Chair:] SG-4 [Chair:] SA-4 [Chair:] MF1-4 [Chair:] MF2-4 [Chair:]	Topical session 10 14:30-16:30: CD-10 [Chair:] F-10 [Chair:] B-7 [Chair:] A-7 [Chair:] L-10 [Chair:] SG-7 [Chair:] SA-7 [Chair:] MF1-7 [Chair:] MF2-7 [Chair:]	Topical session 13 CD-13 [Chair:] F-13 [Chair:] B-10 [Chair:] A-10 [Chair:] L-13 [Chair:] SG-10 [Chair:] SA-10 [Chair:] MF1-10 [Chair:] MF2-10 [Chair:]
15:00/11:30/8:00/2:00/23:00						
15:30/12:00/8:30/2:30/23:30						
16:00/12:30/9:00/3:00/0:00	16:00-18:00 : Reception(2) Kyushu U. M. Shiratani, B. Wan	16:30-17:00: Break	16:30-17:00: Break	16:30-17:00: Break	16:30-17:00: Break	16:30-17:00: Break
16:30/13:00/9:30/3:30/0:30		Topical Session 2:17:00-19:00 CD-2 [Char:] F-2 [Char:] AB-Plenary2 [Chair:] L-2 [Chair:] AS-Plenary2 [Chair:] MF-Plenary2 [Chair:]	Topical Session 5:17:00-19:00 CD-5 [Chair:] F-5 [Chair:] B-2 [Chair:] A-2 [Chair:] L-5 [Chair:] SG-2 [Chair:] SA-2 [Chair:] MF1-2 [Chair:] MF2-2 [Chair:]	Topical Session 8:17:00-19:00 CD-8 [Chair:] F-8 [Chair:] B-5 [Chair:] A-5 [Chair:] L-8 [Chair:] SG-5 [Chair:] SA-5 [Chair:] MF1-5 [Chair:] MF2-5 [Chair:]	Topical Session 11:17:00-19:00 CD-11 [Chair:] F-11 [Chair:] B-8 [Chair:] A-8 [Chair:] L-11 [Chair:] SG-8 [Chair:] SA-8 [Chair:] MF1-8 [Chair:] MF2-8 [Chair:]	Topical Session 14:17:00-19:00 CD-14 [Chair:] F-14 [Chair:] B-11 [Chair:] A-11 [Chair:] L-14 [Chair:] SG-11 [Chair:] SA-11 [Chair:] MF1-11 [Chair:] MF2-11 [Chair:]
17:00/13:30/10:00/4:00/1:00						
17:30/14:00/10:30/4:30/1:30						
18:00/14:30-11:00/5:00/2:00						
18:30/15:00/11:30/5:30/2:30						
19:00/15:30/12:00/6:00/3:00		19:00-19:30: Break	19:00-19:30: Break	19:00-19:30: Break	19:00-19:30: Break	19:00-19:30: Break
19:30/16:00/12:30/6:30/3:30		Plenary-3 (ZoomP):19:30-21:00 [Chair:] PL-6: PL-7: PL-8:	Plenary-6 (ZoomP): 19:30-21:00 [Chair:] PL-14: PL-15: PL-16:	Plenary-9 (ZoomP): 19:30-21:00 [Chair:] PL-22: PL-23: PL-24:	Plenary-12 (ZoomP): 19:30-21:00 [Chair:] PL-30: PL-31: PL-32:	Plenary-15 (ZoomP): 19:30-21:00 [Chair:] PL-38: PL-39: Closing: AAPPS-DPP2022 LOC & Closing by A. Sen (Chair-elect)
20:00/16:30/13:00/7:00/4:00						
20:30/17:00/13:30/7:30/4:30 ~21:00/17:30/14:00/8:00/5:00						

Time zone with RED color may not be working time.