

Preliminary announcement (3rd version)
4th Asia-Pacific Conference on Plasma Physics
(AAPPS-DPP2020 On-line E-conference, Oct. 26-31, 2020)

<http://aappsdp.org/DPP2020/index.html>

Organized by AAPPS-DPP

[1] Scope of the AAPPS-DPP2020: AAPPS-DPP2020 is a plasma physics conference under the authority of AAPPS-DPP for scientific discussions on plasma physics. This conference should be physics oriented and provide interdisciplinary and in-depth discussions among and in various fields of plasma physics and application.

[2] Organization: AAPPS-DPP (<http://aappsdp.org/AAPPSDPP/>) is the organizing body of this conference. This conference is endorsed and sponsored by the following societies and organization. Due to COVID-19, 2020 annual conference is based on the remote on-line e-conference using Zoom systems support by APCTP (<https://www.apctp.org/main/>).



AAPPS-DPP chair & CEO
M. Kikuchi



AAPPS-DPP Chair Elect
Baonian Wan



AAPPS-DPP2020 IOC chair
Won Namkung

Sponsored by:

1. NFRI (National Fusion Research Institute) <https://www.nfri.re.kr/eng/index>
2. APCTP (Asia Pacific Center for Theoretical Physics) <https://www.apctp.org/main/>
3. IFE Forum (Sponsor for 2018 U30 Award) <http://www.ilt.or.jp/forum/>



Zoom technical support by:

1. APCTP (Asia Pacific Center for Theoretical Physics) <https://www.apctp.org/main/>

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/>) tbc.
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 physics in The Chinese Society of theoretical and applied mechanics (DPP-CSTAM, <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.

Chair's message

Thank you for your cooperation on AAPPS-DPP. World situation has been changed dramatically due to COVID-19. Many countries are now under lock down and tried to restart activities inside the country. COVID wave is not a single wave but will be multiple times and continue until effective vaccines are developed and successfully suppress COVID-19(virus mutation makes this not easy). Today, I have important message about AAPPS-DPP2020.

International conference becomes more on On-line. Say APS April meeting was held successfully as Virtual conference using Zoom system (<https://aps-april.onlineeventpro.freeman.com/>) having 1300 participants in a single session all over the world. This conference was started from Kavli Foundation Keynote Plenary Session by Nobel Prize winner James Peebles talk. Zoom conference over 1000 participants works marvelously. IEEE conference IEEE PVSC 47 (<https://www.ieee-pvsc.org/PVSC47/>) is also Virtual now.

We will change AAPPS-DPP2020 from on-site conference in Seoul to remote e-conference like above Virtual conference. APCTP (Asia Pacific Center for Theoretical Physics, Pohang, Korea) has been supporting AAPPS and providing many supports to AAPPS-DPP (such as financial support to come to AAPPS-DPP conferences, APCC-13 and 14) and is happy to help DPP to have remote e-conference by providing number of Zoom systems.

At the e-conference, APCTP will open Zoom conference "room" and then session chair (co-host) or some officer will control the session. In order to join Zoom conference, you need to be familiar to Zoom meeting (all can speak) and Zoom Webinar (only speaker and Session chair (co-host) can speak, others can send question/comments as chat. Session chair will choose a few questions from chat). Plenary session will be Zoom Webinar. But parallel session <100 participants are most likely Zoom meeting. While Zoom has security problem, its traffic will be encrypted to be safer in 3 months.

We want to have wide participants all over the world. So basic program structure is quite different from past ones. See attached tentative e-conference time table schedule written in KR time. Conference period is from Monday (Oct 26) to Saturday (Oct 31), one day more than originally planned.

09:00-12:30 (KR): US participants can join in this time zone: called US time zone
12:30-17:00 (KR): Indian participants can start join in this time zone: Indian time zone
17:00-20:30 (KR): European participants can start join in this time zone: EU time zone

For each time zone, I allocated 2-3 plenary speakers (PL-xx) and 2 hours parallel sessions. This structure enables participants from all over the world to give plenary, invited and oral talks. In this way, we can strength cooperation with APS-DPP and EPS-DPP members. Poster session will be set up on Web separately (Detail is to be decided). Summary talks are dropped and more plenary including U40 (optional) winners may give talks. This move is now agreed with IOC chair LOC chair and all PC chairs and informed to PC members and IOC members.

Since minimum time required for participation is only one hour or so, it is easier to join e-conference. APCTP will provide recording of all plenary talks and possibly all invited and oral talks so that even after the conference, participants can access talks to deepen their understanding. Actually, I enjoyed APS April meeting by joining two parallel sessions with two screens simultaneously and see how talks are interesting. If we use whole slots, we can accommodate >300 invited speakers and 44 plenary speakers. Please encourage peoples to join and enjoy discussions in e-conference. World is forced to make another cultural revolution due to COVID-19 and may not just for this year.

Sincerely yours,

M. Kikuchi, AAPPS-DPP chair & CEO April 29, 2020

[3] Program overview

Program time is based on the Korea/Japan time for AAPPS-DPP2020 e-conference. However, participants of this e-conference join the conference from various places in the world including Australia, China, ASEAN, India, Bangladesh, Pakistan, Europe, US.

E-conference continue from Monday (Oct 26) to Saturday (Oct 31) as shown in **Basic structure**.

Opening session: 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.

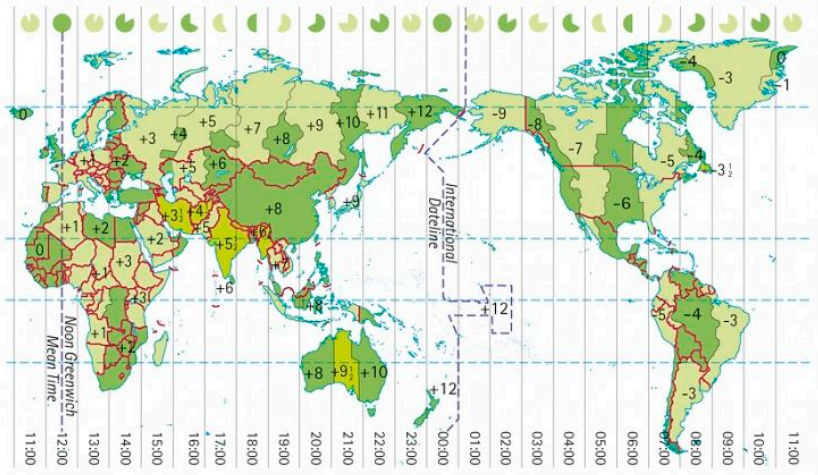


Fig. 1 World time difference

Plenary talk: Plenary talk is 30 minutes including one minutes introduction by session char and 5 minutes discussion. Total number of plenary talks is 40 and distributed among three time zones so that we can accommodate outstanding talks from all over the world.

Invited talk: Invited talk is 30 minutes including one minutes introduction by session char and 5 minutes discussion. In addition, MF, Laser and SA/SG will have three semi-plenary sessions with 40 minutes each. Total number of semi-plenary talks are nine.

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

Parallel sessions: There are 15 parallel sessions with each 120 minutes. In each session, we may have 3 invited talks (30 minutes each) and 2 oral talks (15 minutes). Some parallel sessions are used for three 40 minutes semi-plenary talks.

Number of parallel sessions (Base case):

- CD, F:** six oral sessions and one poster session, **A, B:** seven oral sessions and one poster session,
- SA, SG:** three joint sessions for semi-plenaries, six oral sessions and one poster session,
- MF, L:** three special invited sessions for semi-plenaries, eleven oral sessions and one poster session.

Number of parallel sessions for each subdiscipline will be expanded according to the number of submitted nomination and abstract.

General Assembly: At the end of e-conference, AAPPS-DPP general assembly will be held to appoint new Board of Members, Auditor and approval of budget balance.

Closing session: Closing includes announcement of AAPPS-DPP2021 to be held during Sep. 26-Oct 1, 2021 in Hospital campus of Kyushu University in Fukuoka, Japan. The LOC chair is Prof. Masaharu Shiratani.

AAPPS-DPP awards:

2020 S. Chandrasekhar Prize: Selection committee is formed and started.

2020 Plasma Innovation Prize: Selection committee is formed and started.

AAPPS-DPP Young researcher (U40) Award: Deadline for U40 award is May 30.

AAPPS-DPP U30 Doctoral Scientist / Student Award: Deadline for U30 award is May 30.

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

Disclaimer

The attendance of AAPPS-DPP2020 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 cancellation of the conference. These changes will be posted at the conference website. No liability is assumed for inaccuracy, misdescription, delay, damage, and loss.

Base structure of the program:

Following time table also includes those in India, Paris (France/Italy/ Germany/Spain/Swiss), New York (US), California (US). For US east (NY) and west (CA) coast colleagues may join **Yellow** colored time zone, Indian colleagues in **Green** time zone, and European colleagues in **Brown** time zone, while participation to all on-line program is possible if one can.

KR	IN	Paris	NY	CA	Monday (Oct 26)	Tuesday (Oct 27)	Wednesday (Oct 28)	Thursday (Oct 29)	Friday (Oct 30)	Saturday (Oct 31)
8:00		1:00	19:00	16:00	Zoom test	Zoom test	Zoom test	Zoom test	Zoom test	Zoom test
8:30	5:00									
9:00		2:00	20:00	17:00	9:00-10:30: Opening	9:00-9:30: PL-9	PL-15	PL-21	PL-27	PL-33
9:30	6:00					9:30-10:00: PL-10	PL-16	PL-22	PL-28	PL-34
10:00		3:00	21:00	18:00		30 min. Break	30 min. Break	30 min. Break	30 min. Break	30 min. Break
10:30	7:00				10:30-11:00: PL-1	10:30-12:30: Session MF-3, L-3, SA/SG-3, A-2, F-2	10:30-12:30: Session MF-6, L-6, SA-5, B-3, CD-3	10:30-12:30: Session L-9, SA-7, A-5, F-5 MF-9 posters (40)	10:30-12:30: Session MF-12, L-12, SG-8, B-6, CD-6	10:30-12:30: Session MF-15, L-15, SG-9, B-8, A-8 Poster reserve
11:00		4:00	22:00	19:00	11:00-11:30: PL-2					
11:30	8:00				11:30-12:00: PL-3					
12:00		5:00	23:00	20:00	30 min. Break					
12:30	9:00				12:30-13:00: PL-4	12:30-13:00: Break	12:30-13:00: Break	12:30-13:00: Break	12:30-13:00: Break	12:30-13:00: Break
13:00	10:00	6:00	0:00	21:00	13:00-13:30: PL-5	13:00-13:30: PL-11	13:00-13:30: PL-17	13:00-13:30: PL-23	13:00-13:30: PL-29	13:00-13:30: PL-35
13:30					13:30-14:00: PL-6	13:30-14:00: PL-12	13:30-14:00: PL-18	13:30-14:00: PL-24	13:30-14:00: PL-30	13:30-14:00: PL-36
14:00		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	14:00-14:30: PL-37
14:30	11:00				14:30-16:30: Session MF-1, L-1, SA/SG-1, A-1, F-1	14:30-16:30: Session MF-4, L-4, SA-4, B-2, CD-2	14:30-16:30: Session MF-7, L-7, SG-5, A-4, F-4	14:30-16:30: Session MF-10, L-10, SG-7, B-5, CD-5	14:30-16:30: Session MF-13, B-6, CD-6 L-13, A-7, F-7 poster (40)	14:30-15:00: PL-38
15:00		8:00	2:00	23:00						15:00-15:30: PL-39
15:30	12:00									15:30-16:00: PL-40
16:00		9:00	3:00	0:00						16:00-17:00: General Assembly and Closing
16:30	13:00				Break	Break	Break	Break	Break	
17:00		10:00	4:00	1:00	17:00-17:30: PL-7	17:00-17:30: PL-13	17:00-17:30: PL-19	17:00-17:30: PL-25	17:00-17:30: PL-31	
17:30	14:00				17:30-18:00: PL-8	17:30-18:00: PL-14	17:30-18:00: PL-20	17:30-18:00: PL-26	17:30-18:00: PL-32	
18:00		11:00	5:00	2:00	Break	Break	Break	Break	Break	
18:30	15:00				18:30-20:30: Session MF-2, L-2, SA/SG-2, B-1, CD-1	18:30-20:30: Session MF-5, L-5, SG-4, A-3, F-3	18:30-20:30: Session MF-8, L-8, SA-6, SG-6, B-4, CD-4 posters (40)	18:30-20:30: Session MF-11, L-11, SA-8, A-6, F-6	18:30-20:30: Session MF-14, L-14, SA-9, B-7, CD-7	If some posters did not work, they will appear at poster reserve.
19:00		12:00	6:00	3:00						
19:30	16:00									
20:00		13:00	7:00	4:00						
20:30	17:00									

In this session structure, each sub-discipline has following number of plenaries, invited, oral and poster slots.

	MF	Laser	SA	SG	A	B	F	CD	Others	Total
Plenary (30min)	4+1	4+1	4	4	4	4	4	4	6	40
Semi-plenary (40min)	9	9	9	9	-	-	-	-	-	27
Invited (30min)	33	33	18	18	21	21	18	18	-	180
Oral (15min)	22	22	12	12	14	14	12	12	-	120
Poster (60min)	Total 120									120
Total										487

If we use 8 parallel Zoom “rooms”, we can accommodate following number of talks even if each sub-discipline has semi-plenary talks of 40 minutes.

	MF	Laser	SA	SG	A	B	F	CD	Others	Total
Plenary (30min)	4+1	4+1	4	4	4	4	4	4	6	40
Semi-plenary (40min)	9	9	9	9	9	9	9	9	-	72
Invited (30min)	33	33	33	33	33	33	33	33	-	264
Oral (15min)	22	22	22	22	22	22	22	22	-	176
Poster (60min)	Total 240									240
Total										792

Cross Disciplinary (Focused topics): Cross-disciplinary discussion on magnetic reconnection from various plasma fields.

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 couples/quantum plasma physics, non-neutral plasmas, A&M in plasma and other emerging plasma physics.

[4] Important dates

- Deadline of plenary and invited speaker nomination : May 31
Nomination site is open at https://www.gakkai-web.net/gakkai/aappsdpdpp_nm/
- Notification of plenary and invited speakers : June 30
- Submission of contributed presentation : June 30
Abstract submission for contributed presentation is <https://www.gakkai-web.net/aappsdpdpp/>
- Notification of acceptance of contributed presentation : End of July

AAPPS-DPP award schedule:

- Nomination of 2020 S. Chandrasekhar Prize : closed on April 20
- Nomination of 2020 Plasma Innovation Prize : closed on April 20
- Nomination of DPP young research award : deadline May 30
- Nomination of U30 award : deadline May 30

AAPPS-DPP2020 Remote e-conference
Date October 26(Monday)-31(Saturday), 2020
Deadline for Nomination May 31

AAPPS-DPP2020 Remote e-conference
Date October 26(Monday)-31(Saturday), 2020
Deadline for Nomination May 31

Contributed, invited(inc. plenary) abstract submission site

Plenary and invited speakers : If you received invitation, please upload your abstract in pdf format here. Do not submit here if you are not invited as plenary or invited.
Plenary and invited speakers will be notified June 30. Please upload your abstract after June 30.

Contributed (oral and poster) : Submit your abstract here in pdf format. PC will evaluate the abstract and accepted presentations will be notified later. Deadline is June 30.

New Submission	Register your information and get an Abstract 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](#).

Contributed, invited(inc. plenary) abstract submission site

Plenary and invited speakers : If you received invitation, please upload your abstract in pdf format here. Do not submit here if you are not invited as plenary or invited.
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New Submission	Register your information and get an Abstract 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](#).

Plenary and invited nomination site
https://www.gakkai-web.net/gakkai/aappsdp_nm/

Contributed abstract submission site
<https://www.gakkai-web.net/aappsdp/>

[5] Registration fee

Registration fee: Registration fee is different between 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 15. Registration fee will be reimbursed for cancelation due to unexpected situation until two weeks before the e-conference (Oct. 11). All unregistered and cancelled presentations will be deleted from the program. No registration fee reimbursement after Oct. 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 resource will be allocated as financial support program. Recipients are mainly for retired and student presenters and presenters from developing countries to support registration fee payment. Students with good abstracts may be given higher priority for support.

[6] On-line Conference

Zoom has two systems, **Zoom Webinar** and **Zoom Meeting**.

Webinar: Participants are 1. Panelists and 2. Audience. Panelists are able to use microphone, camera and share screen. Audience can listen and watch presentation but can't use microphone, camera and share screen. This system is designed for large participants (>100).

Meeting: There is no difference among participants except hosts. All can use microphone, camera and share screen. Zoom Meeting business plan with max participants 300 or Zoom meeting professional with maximum participants 100 will be prepared.

[6.1] Plenary Session:

APCTP will prepare **Zoom Webinar** for 1000 participants. Webinar has Q&A board. Listener can write questions and session chair will pick up to read and ask speaker to answer. This is not fully interactive like real conference. "Raise Hand" function exists in Zoom Webinar. When some audience made "raise hand", session chair will allow one to use microphone. Then questioner and speaker can verbally exchange Q&A. DPP will decide if we use this for plenary if it works smoothly. In this case, we will keep Q&A time longer than conventional conference.

Start-up of Zoom Webinar will be made by APCTP officer and give same power to session chair or technical person by assigning him as co-host. For the smooth operation, number of session chairs for plenary will be limited and should have some experience beforehand.

Zoom Webinar has “Practice Session” function. APCTP may open “Practice Session” 15 minutes before Plenary session. Session chair and Plenary speakers should joint “Practice Session” 15 minutes before scheduled time so that chair has instruction to speakers and test “share screen” of each presentation if necessary. When Session chair and Plenary speakers are ready, session chair will allow entry of audience by “Broadcast”.

[6.2] Parallel Session:

8 **Zoom Meeting Pro** (100 max) or **Business** (300 max) will be provided by APCTP. Participants should use earphone or headset to reduce noise. All can use microphone, camera and share screen. As base case, we plan to use 5 Zooms.

Before conference: Please download Zoom application. If you plan to use Web browser for Zoom, use Google Chrome. No need to create Zoom account.

Before entering “room”: When you enter the “room”, please input your name and registration number.

During presentation: Session chair will make all “mute” except host and speakers.

After talk: Session chair will unmute all to start discussion.

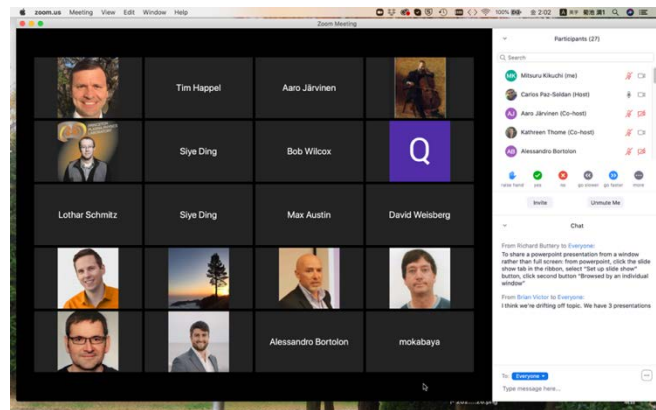
Chat: Audience can input chat during presentation.

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

Copyright: All presentation will be recorded by APCTP 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.

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

How to open Video record of session: After the session, video version is available. Access detail will be announced later.



Example of Zoom meeting

[6.3] Poster Session:

Poster session will last 60 minutes for each presentation. 20 **Zoom meeting Pro** (100 max) will be used for presentation and Q&A. One Zoom “room” will be allocated for each poster presentation.

Total length of poster session is 120 minutes. Parallel 20 poster “rooms” run at the same time. Total 40 poster presentation “rooms” will be done.

Preparation of poster: Poster should be in **one page** so that no needs to change page since participants may enter “room” time to time. Poster size is arbitrary but wide (16 x 9) is recommended. Presentation number from Program Committee should be written in the left-top of poster. It is recommended prepare simple concise poster. Poster will be uploaded to DPP Web so that participants can confirm poster contents. Deadline for submission to DPP executive officer (Dr. Nagai) will be notified later.

Poster presenters: Poster presenter should be in waiting room making his/her poster in “share screen” 10 minutes before first poster session starts. Latter poster presenter should be ready to change position 50 minutes after first presenter and replace poster at 60 min. Who will host/start the poster room will be specified later if not host is the presenter.

Participants: Participants can join from 10 minutes before session starts. When a participant enters the session “room”, one’s status is “mute”. Press “unmute” for voice communication. One can ask presenter to explain his poster as in usual conference. When the presenter is discussing with other participants, one should wait in principle but can give question in Chat. When you want to see different poster, press “Leave Meeting” and join other meeting.

Poster award committee: At least three seniors will be assigned as committee members for each poster presentations to evaluate quality of poster presentation. Committee will decide poster prizes among all poster presentations. Certificate and Springer book coupon under consideration. Poster awardees are requested to submit one’s revised full one-page abstract to AAPPS Bulletin (<http://aappsbulletin.org/index.php>).

[7] U40 and U30 Awards

[7.1] U40 award [AAPPS-DPP Young research award 2020]

AAPPS-DPP recognizes young research scientists not more than 40 by AAPPS-DPP young research award since 2016. We will select 2020 winners along with our annual conference held at Seoul during Oct. 26-30, 2020. See past recipients at <http://aappsdp.org/AAPPSDPPF/awardtable.html>.

Selection committee will be formed under the chairmanship of Prof. D. Escande. 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).

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

3. Nomination letter: Nominator must be an AAPPS-DPP member.

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

5. Significant publications in PDF format: Maximum at two.

[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 **May 30**.

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

[7.2] U30 award [AAPPS-DPP U30 Doctoral Scientist / Student Award 2020]

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**.

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 (Oct.26, 2020) and current institution or nationality is required to be in the AAPPS region*.

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.

Winner: 1. Winner should give an oral talk on the awarded work at the AAPPS-DPP 2020, 2. Committee will select at maximum five winners. Winner will receive a certificate and US\$300.

Note: U30 eligibility: Candidates related to US or EU can be nominated if eligibility is satisfied such as Chines/Korean/Japanese/Indian,--- nationality at US/European universities/institutions or European/US nationality Student in Japan/China/Korea, Australia, India,--.



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

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