

Report on AAPPS-DPP

July 24, 2014 M. Kikuchi, AAPPS-DPP chair

1. DPP membership (see Appendix A)

The initial target was 1000 member in 1 year. It is already 1214 members. Whole plasma science society of India (PSSI) joined. We encourage DPP chairs of Korea and China, Prof. W. Choe and Prof. X.G. Wang to take action to join AAPPS-DPP from whole KPS-DPP and CPS-DPP.

Issues:

- [1] Among many member societies of AAPPS, we do not have members from New Zealand, Mongol, some ASEAN countries (Vietnam, Cambodia, Brunei, Myanmar, Indonesia, Lao).
- [2] In Japan, for example, we have >1000 plasma scientists among which only 120 are DPP members. We have to attract more peoples to join. AAPPS council may help DPP by asking member society to increase participation to the division.

2. DPP activities

- [1] **DPP HP:** DPP HP is operated volunteer work by Dr. Nagai. Excellent work!
- [2] **DPP Committees:** Executive Committee (ExCo) and International Honorary Advisory Committee (I-HAC) are formed. ExCo is a decision-making body and I-HAC is an advisory body.
- [3] **DPP mailing service:** Members receive DPP news such as meeting information, call for support, DPP ExCo decisions, Job information, etc.).
- [4] **Co-sponsor:** DPP co-sponsor/endorse conferences (WLS, APTWG, APPTC) and schools (EAST Asian school, ASEAN school) without financial contribution.
- [5] **DPP Prize (See Appendix B):** ExCo drafted the formation of DPP Prize called S. Chandrasekar Prize of plasma physics, which was unanimously supported by the I-HAC. We have a sponsor for cash prize for the awardee. We plan to start first selection committee.
- [6] **DPP journal:** We are working on creating new Asian DPP journal. ExCo listed possible ~30 editorial board members. We intend to co-publish with some publisher.
- [7] **DPP LOGO:** We have decided DPP LOGO (see Appendix C).
- [8] **Next APPC:** DPP will actively organize plasma physics program in the next APPC according to ByLaw of Division of AAPPS.

Issues:

- [1] We created DPP account in Japan, while there is no financial basis for DPP activity, yet. Most important resources should be conference fee. I would like to ask AAPPS council to make operation of the DPP part of the next APPC shall provide financial output to DPP operation.
- [2] We have asked President Swan to give us message from the AAPPS president to the DPP including his photo (March 17 and reminders at KPS-DPP (April 24) and April 30). We still do not have his message. I would like to ask Mr. Vice President kindly to share our request to be important for Division promotion. We also sent DPP page to the AAPPS HP secretary created by Dr. Nagai on March 10. We only see link to our DPP HP from AAPPS HP. I hope AAPPS HP will have DPP page as well similar to APS HP.

To AAPPS Vice President Prof. Gui Lu Long (TF on AAPPS Division)

Appendix A: AAPPS-DPP Membership

Total 1214 researchers and students are registered in the DPP mailing list.

Member fee is 0 at this moment. Distribution of membership is shown in the Table.

Region/Country	Founders	New members	Total
Australia	11	19	30
Peking	22	87	109
India	10	847	857
Japan	24	97	121
Korea	9	27	36
Malaysia	1	1	2
Philippines	1	5	6
Taipei	5	16	21
Thailand	2	12	14
Singapore	4	0	4
Hong Kong	1	0	1
Nepal	1	0	1
US	1	10	11
France	0	1	1
Total	92	1122	1214

Appendix B: AAPPS-DPP Prize

April 17, First charge to I-HAC: Foundation of S. Chandrasekar Prize in AAPPS-DPP

S. Chandrasekar Prize of Plasma Physics

S. Chandrasekar Prize is established by the Division of Plasma Physics under AAPPS to recognize outstanding contributions to the fields of plasma physics.

Fields of plasma physics: Fields of plasma physics include fundamental/basic plasma physics, applied plasma physics, Laser-plasma interactions, and cosmic/solar/space plasma physics.

Rule: This Prize will be given to an AAPPS-DPP member who has made seminal and/or pioneering work on fields of plasma physics given above. (Delete negative wording since first sentence imply deleted sentence)

Nomination: Necessary documents and time schedule for nomination will be announced in the DPP home page. DPP seeks outstanding nominations worldwide; especially from the Asia-Pacific region.

Selection: Selection will be made by the Chandrasekar Prize Selection Committee annually.

Selection Committee: DPP-ExCo will appoint Chair and members of selection committee taking into account of the I-HAC recommendations.

Award Ceremony: Certificate and Medal will be bestowed to the awardees at the APPC conference held every three year.

Obligations: Chandrasekar awardees should deliver invited talks in the APPC as well as contribute review papers to the DPP journal.

Appendix C: AAPPS-DPP LOGO

