

About Reviews of Modern Plasma Physics (RMPP)

M. Kikuchi (AAPS-DPP chair, RMPP chair)

1. About AAPS-DPP

Like APS and EPS, we have AAPS (Association of Asia-Pacific Physical Society) in Asia-Pacific region. Division of plasma physics is the first division under AAPS established in 2014 (<http://aapspdpp.org/AAPSDPPF/>). Founders are from all over the Asian country/region. Since then, I am chairing this division. AAPS-DPP member: 1600.

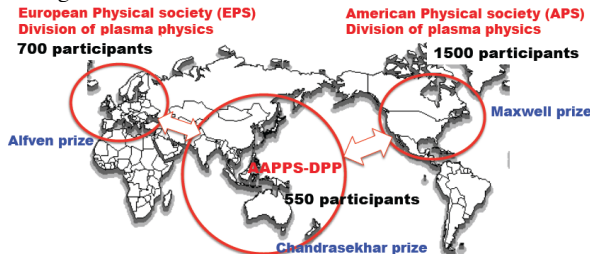


Fig. 1 Three major DPPs in the world

AAPS-DPP has two committees, Executive committees and I-HAC (international honorary advisory committee).



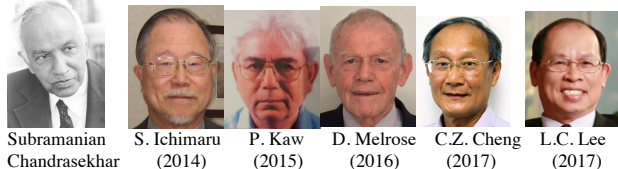
DPP ExCo (2014-2017)

I-HAC (2014-2017)

Now we formed new ExCo (2017-2020) and almost I-HAC.

2. Activities

In 2014, we started Subramanian Chandrasekhar Prize of plasma physics to celebrate outstanding contribution to plasma physics, annually.



In 2016, we started DPP young research award at APPC-12 in Brisbane. In 2017, we started DPP's official journal RMPP and our annual conference (1st Asia-Pacific Conference on Plasma Physics). Outline of this conference is shown at <http://aapspdpp.org/DPP2017outline/index.html>.



Group photo of 1st Asia-Pacific Conference on Plasma Physics

DPP' next conference is 2018. 11. 12-16 in Kanazawa, Japan



2017 S. Chandrasekhar winners and DPP young research award winners.

3. Status of RMPP

RMPP is a review journal in all fields of plasma physics.
<http://www.springer.com/physics/atomic%2C+molecular%2C+optical+%26+plasma+physics/journal/41614>

Laureates of Chandrasekhar prize have to write a review on his/her accomplishment. We opened this journal in June 1, 2016 to invite review papers. First publication is 16, June.

Following articles are on line and free access for two years.

1. G.K. Park, et al., (review paper) Shocks in collisionless plasma (44p).
2. P.K. Kaw, (Chandrasekhar lecture) Nonlinear laser-plasma interactions (42p).
3. H. Tanaka et al., (review paper) State of the art in medical applications using non-thermal atmospheric pressure plasma (89p).
4. P.H. Yoon, (review paper) Kinetic Instabilities in the solar wind driven by temperature anisotropies (69p).
5. D. B. Melrose, (Chandrasekhar lecture), Coherent emission mechanisms in astrophysical plasmas (81p).
6. S. Ichimaru, (Chandrasekhar lecture), Phase transitions, interparticle correlations, and elementary processes in dense plasmas (60p)
7. R. Hatakeyama, (review paper) Nanocarbon materials fabricated using plasmas (110p)
8. A. Sen, (obituary) Predhiman Krishan Kaw (4p)

Features of RMPP:

1. Official review journal of AAPS-DPP
2. On-line journal ISSN: 2367-3192
3. Subscription journal with Open Access option
4. Single volume & issue / year
5. Continuous article publishing system
Ref: Parks, G.K., Lee, E., Fu, S.Y. et al. Rev. Mod. Plasma Phys. (2017) 1: 1. <https://doi.org/10.1007/s41614-017-0003-4>
6. For initial two years, it is open to anybody. After two years, AAPS-DPP member has free access.
7. Publication charge: Free and will get 100 US\$ voucher for Springer book.
8. Copyright owned by AAPS-DPP.



We welcome proposal/submission from all over the world.
Chair: M. Kikuchi, Chief Editors: TS Hahm, R. Boswell, YiKang Pu, K. Mima, Yu Lin, K. Shibata

New Ex-Co members (2017-2020): M. Kikuchi (Chair), B. Wan (chair-elect), Z. Yoshida (Fundamental), Shih-Sik Chen (Basic), Applied (Jung-Sik Yoon, Amita-Das(Laser), Space (X.T. Deng), R. Matsumoto (Solar/Astro), X. Duan (Magnetic Fusion), Y. Uesugi (DPP 2018), R.S. Rawat (APPC-14), M. Hole (Chief Div. Sec.), H. Nagai (Div. Sec.), Yong Liu (Div. Sec.)
I-HAC: Liu Chen (chair), A. Sen (vice chair)