

AAPPS-DPPNews 2018.Sept. 6

Dear AAPPS-DPP members

As of today, 2nd Asia-Pacific Conference on Plasma Physics (AAPPS-DPP 2018) has 644 speakers.

We are still looking for more poster presentations for in-depth discussion for plasma physics. AAPPS-DPP 2018 has poster prize and the winner will have a certificate and a book gift (Springer book).

Please submit post deadline abstract at <http://aappsdpp.org/DPP2018/submission.html>.

According to current distribution of posters, we will have 39 poster prize winners who may get one of following books.

Hasegawa Poster Prize is the special poster prize Prof. Akira Hasegawa will come and see interesting posters (after review of title and abstract) and pick up 3 among all posters, which can be duplicated with other.

We will assign selection members for each sub-discipline. Poster presenters should not miss discussion with selection members!

Hasegawa Poster Prize

1. A. Hasegawa (1), Plasma Instabilities and Nonlinear Effects (1975)
2. A. Hasegawa (2) with T. Sato, Space Plasma Physics (1989)
3. A. Hasegawa (3), Optical Solitons in Fibers (2003)

Basic&Fundamental Plasmas, Cross-disciplinary Poster Prize

4. M. Bonitz (1), with N. Horing, P. Ludwig, Introduction to Complex Plasmas (2010)
5. F. Haas, Quantum Plasmas (2011)
6. M.S. Sodha, Kinetics of Complex Plasmas (2014)
7. V. Fortov, Extreme States of Matter (2016)
8. T. Fujimoto, A. Iwamae, Plasma Polarization Spectroscopy (2008)
9. H. J. Kunze, Introduction to Plasma Spectroscopy (2009)
10. I. Prigogine, W. Horton, Y. Ichikawa, G. Zaslavsky (Ed), Chaotic Dynamics and Transport in Fluids and Plasma (1993)
11. A. Surjalal Sharma, P. Kaw (Ed), Nonequilibrium Phenomena in Plasmas(2005)

Applied Plasma Poster Prize

12. M. Capitelli, et al., Fundamental Aspects of Plasma Chemical Physics (2016)

13. Shi Nguyen-Kuok, Theory of Low Temperature Plasma Physics (2017)
14. F.F. Chen (1), Introduction to Plasma Physics and Controlled Fusion (2016)
15. F.F. Chen (2) with J.P. Chang, Lecture Notes on Plasma Processing (2003)
16. K. Nojiri, Dry Etching Technology for Semiconductor (2015)
17. M. Konuma, Film Deposition by Plasma Techniques (1992)
18. Y. Itikawa, Molecular Processes in Plasmas (2007)
19. M. Bonitz (2), et al (Ed), Complex Plasma (2014)

Laser Plasma Poster Prize

20. R.A. Ganeev (1), Nonlinear Optical Properties of Materials (2013)
21. R.A. Ganeev (2), Frequency Conversion of Ultrashort Pulses in Extended Laser-Produced Plasmas (2016)
22. S. Enoch, N. Bonod, Plasmonics (2012)
23. P. McKenna, et al., Laser-Plasma Interactions and Applications (2013)
24. R.P. Drake, High-Energy-Density Physics (2018)
25. A. Piel, Plasma Physics, (2017)

Space/Geomag plasma Poster Prize

26. A. Hasegawa (2), with T. Sato, Space Plasma Physics (1989)
27. R.J. Hosking, R. Dewar, Fundamental Fluid Mechanics and Magnetohydrodynamics (2016)
28. D. Melrose, Quantum Plasma dynamics (2008)

Solar/Astro Plasma Poster Prize

29. C. Chiuderi, M. Velli, Basics of Plasma Astrophysics (2015)
30. W. Gonzalez, E. Parker, Magnetic Reconnection (2016)
31. D.F. Torres (Ed), Modeling Pulsar Wind Nebulae (2017)

Magnetic Fusion Plasma Poster Prize

32. K. Miyamoto, Plasma Physics for Controlled Fusion (2016)
33. M. Ariola, A. Pironti, Magnetic control of Tokamak Plasmas (2016)
34. M. Kikuchi, Frontiers in Fusion Research – Physics and Fusion – (2011)
35. M. Kikuchi, M. Azumi, Frontiers in Fusion Research II – Introduction to Modern Tokamak Physics – (2015)
36. K. Nishikawa, M. Wakatani, Plasma Physics – Basic theory with Fusion Applications (2000)

37. V. Igoshine, Active Control of Magneto-hydrodynamic Instabilities in Hot Plasmas (2015)
38. J. Weiland, Stability and Transport in Magnetic Confinement Systems (2012)
39. D. Naujoks, Plasma-Material Interaction in Controlled Fusion (2006)

Dr. M. Kikuchi

Chairman, AAPPS-DPP(<http://aappsdpp.org/AAPPSDPPF/index.html>)

Chairman, Reviews of Modern Plasma Physics

(<http://www.springer.com/physics/atomic,+molecular,+optical+%26+plasma+physics/journal/41614>)

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