

Annual Report of Activity of Division of Plasma Physics

2016.12.4 AAPPS-DPP Chairman, Mitsuru Kikuchi

[1] Introduction

This is 3rd year report of AAPPS-DPP. Since its approval in Jan. 19, 2014, we have developed our activities such as Homepage, DPP News, S. Chandrasekhar Prize, co-sponsorship to Asian plasma conferences. In this AAPPS council, I am glad to report signify progress of DPP activities.

[2] Key Activities

1. Committees

1.1 Executive Committee (Decision body): No change

1.2 I-HAC (Advisory body): Prof. B. Buti joined.

2. Membership: Some increase. Volunteer work by Prof. K. Imadera.

3. AAPPS-DPP HP: DPP HP is operated voluntary work by Dr. Nagai. Excellent work!

Challenge: Dr. Nagai want to leave from HP work, next year. We need next volunteer worker.

4. DPP mailing service: Mailing service is done by DPP chair. See [3].

Challenge: In the next round, we need someone other than chair to do.

5. DPP account: DPP accounts in US\$ and JPY are reported in [4].

Challenge: For future budget income should be from DPP conference. It critically depends on our success of 1st Asia-Pacific Conference on Plasma Physics.

6. S. Chandrasekhar Prize of Plasma Physics (2016):

2016 Laureate: Don Melrose (see [5])

7. AAPPS-DPP Official Journal: Reviews of Modern Plasma Physics (RMPP)

RMPP started its operation in July 1, 2016 and will deliver papers from Jan., 2017. See [6] for the editorial board members.

8. AAPPS-DPP Young Research Award: Certify significant work done by DPP members.

Each S. Chandrasekhar Prize Laureates selects 0-2 and award at APCC-13. See [7].

9. Conference Co-sponsor: Continue co-sponsorships.

ASEAN Plasma and Fusion School (see DPP News2016.02.12 in [8])

New co-sponsorship is ICPP2016 (see DPP News 2016.08.03 in [8])

10. Cooperation with EPS-DPP and APS-DPP:

EPS-DPP: In 2015, EPS-DPP chair invite DPP chair M. Kikuchi to join EPS-DPP PC as the AAPPS-DPP representative. Outcome is large increase in invited speakers from Asia Pacific. [See DPP News 2016.07.21 in [8]].

APS-DPP: APS-DPP chair-elect (next chair) is the chairman of annual meeting. Prof. John Cary (chair-elect) asked me to join APS-DPP PC as AAPPS-DPP representative (as of Oct. 31).

Thus, both EPS-DPP and APS-DPP regards AAPPS-DPP as counter partner in Asia Pacific.

11. AAPPS-DPP annual conference:

We will start our own DPP conference from 2017 during September 18-22 in Chengdu, China. See preliminary announcement [9]. We sent it to both EPS-DPP and APS-DPP as well as DPP members. APCTP co-sponsors this conference.

CPS-DPP, KPS-DPP, JPS-DPP, PSSI and JSPF endorsed this conference.

12. Modification of DPP ByLaw:

DPP is still an infancy and ExCo decided M. Kikuchi to continue another 3 years as chair, while we will select Chair-Elect as next chairman.

Proposed change of ByLaw (changes underlined):

5.1 Officers of the Division: The Officers of the Division are the Chair, Chair-Elect, Vice Chairs, and Division Secretaries.

5.2 Terms of Division Officers: Chair-Elect becomes the Chair after one's 3 year fulfillment as Chair-Elect. The term of other Division Officers is 3 years with possible extensions if one's role as a Division Officer is changed.

13. APCTP support to DPP

APCTP support to DPP is extremely helpful to keep DPP active. APCTP support DPP itself and S. Chandrasekhar laureate travels to APCC-13 and also AAPPS-DPP 2017.

33rd AAPPS Council Meeting, Dec.4, 2016, Brisbane, Australia

[3] Records of DPP News

DPP News: after 32nd AAPPS Council

- Feb. 17: Research Fellow position in Plasma Propulsion.
- Feb.22: Reminder of deadline for abstract submission to ICPP 2016.
- Feb 22: Reminder of deadline for abstract submission to EPS-DPP 2016.
- Feb. 24: Second Announcement of the 10th West Lake International Symposium on Magnetic Fusion and 12th Asia Pacific Plasma Theory Conference.
- March 1: Extension of deadline of Abstract submission for ICPP2016.
- March 4: Call for information on members' book publication.
- March 17: Call for Nomination of 2016 S. Chandrasekhar Prize of Plasma Physics.
- March 31: AAPPS-DPP had a contract sign with Springer on new AAPPS-DPP journal called RMPP.
- April 7: DPP Member's new book publication.
- April 13: An important paper published in Reviews of Modern Physics.
- April 15: IUPAP conference application. Deadline is June 1.
- April 20: AAPPS-DPP young research award.
- May 2: Closure of S. Chandrasekhar Prize nomination.
- May09: EPS2016 PC outcome.
- May16: 6th East-Asia School and Workshop on Laboratory, Space, Astrophysical Plasmas.
- June 1: DPP Young Research Award.
- June 2: Full ICPP2016 program is open.
- June 14: Deadline extension for AAPPS-DPP Young Research Award to July 4.
- June 17: Age limit for AAPPS-DPP Young Research Award.
- June 21: 2016 S. Chandrasekhar Prize Press Release.
- July 02: AAPPS-DPP Journal Homepage is now open.
- July 14: 6th APTWG summary.
- July 20: Postdoctoral Position in Plasma Theory and Computation at USTC.
- July 21: Report on EPS-DPP 2016.
- August 3: Report on ICPP2016.
- August 12: News on Current Science.
- Aug. 19: SOUKENDAI Winter school in Thailand.
- Sept. 14: Information about EPS 2017 will come soon.
- Sept. 26: IFSA 2017 to be held September 11-15.
- Sept. 28: Report of WLIS-APPTC2016.
- Sept. 30: APPC-AIP Congress - abstract submission for poster is now open (reopen).
- Oct. 11: Preliminary Announcement of 1st Asia Pacific Conference on Plasma Physics Sept. 18-22, 2017.
- Oct. 27: APPC-AIP2016 Program is fixed.
- Oct. 28: RMPP HP link to Springer-Nature Books
- Oct. 31: Call for Invited/Plenary nomination of 1st Asia-Pacific Conference on Plasma Physics (AAPPS-DPP2017).
- Oct. 31: APS-DPP 2017 invited AAPPS representative to APS-DPP PC
- Nov. 02: Call for CN Yang prize for early career researchers at APPC-13
- Nov. 04: Chairman of Reviews of Modern Plasma Physics
- Nov. 20: Outcome of APS2017 Program Committee

33rd AAPPS Council Meeting, Dec.4, 2016, Brisbane, Australia

[4] DPP Account

AAPPS-DPP has two accounts (one for US \$ and one for JP Yen).

Following are report of accounting from the start of DPP account.

US\$ DPP account: 9118832

Item	Credit	Debit	Balance	Note
2015.02.03	4,980.00		4,980.00	S. Chan. cash prize (from TONGCHUANG)
2015.02.03		4,980	0	To JPY DPP account
2015.03.04	1,966.27		1,966.27	APCTP support to DPP
2015.08.17	0.07		1,966.34	Interest
2016.02.17	490.00		2,456.34	Web adv. (Chinese Laser Press)
2016.02.17	500.00		2,956.34	Web adv. (HEETEC)
2016.02.22	0.29		2,956.63	Interest
2016.03.09	500.00		3,456.63	Web adv. (HEFEI KEJUGAO TECHNOLOGY)
2016.03.10	5,000.00		8,456.63	2016 S. Chan. Sponsor (Ansto)
2016.05.06	982.00		9,438.63	Web adv. (NFRI)
2016.11.24		8,000.00	1,438.63	2015, 2016 S. Chan cash prize

Note: 2000\$ from APCTP for travel support for S. Ichimaru is pre-paid in JPY (2016.11.25).

JP Yen DPP account: 1319456

Date	Credit	Debit	Balance	Note
2014.07.02	10,000*		10,000	DPP Account start
Train fee	7500*	7500	10,000	Press release at MEXT (Tokyo) (Dec. 22)
2015.02. 03		4,000	6,000	\$ remittance cost S. Chan. prize (from SWIP)
2015.02. 04	581,813		587,813	S. Chan. prize (from SWIP) \$ to Yen
2015.02. 04		581,813	6,000	To S. Ichimaru
2015.02. 04		540	5,460	Handling charge
2015.09.25	50,000		55,460	Web adv. (JEOL)
2015.10.30	50,000		105,460	Web adv. (Toshiba)
2015.11.26	200,000		305,460	2015 S. Chan sponsor (Mirai)
2016.01.28		4,540	300,920	Train cost (2015 S. Chan Press)
2016.01.28		1,080	299,840	Create DPP cash Card
2016.02.17		4,000	295,840	\$ remittance cost(Chinese Laser Express)
2016.02.17		4,000	291,840	\$ remittance cost(HEETEC(CASHIPS))
2016.02.22	15		291,855	Interest
2016.03.09		4,000	287,855	\$ remittance cost (HEFEI KEJUGAO TECHNOLOGY)
2016.03.10		4,000	283,855	\$ remittance cost (Ansto)
2016.05.06		4,000	279,855	\$ remittance cost(NFRI)
2016.11.24		16,000	263,855	USD Delivery cost (8000\$ x 2Yen/\$)
2016.11.24		200,000	63,855	S. Ichimaru travel support
2016.11.24		315	63,540	Handling charge
2016.11.27		13,129+116	50,295	Certificates [Papers, Cover sheets (SC&DPP YRA)]
2016.11.28		2,646	47,649	Certificates [S. Chan certificate Papers]

*: Donation



Press Release



June 21, 2016

Association of Asia-Pacific Physical Societies (AAPPS)
Division of Plasma Physics (AAPPS-DPP)

Subramanyan Chandrasekhar Prize of Plasma Physics

– Professor Donald Blair Melrose is selected as Laureate of 2016 –

The Division of Plasma Physics (Chair: Mitsuru Kikuchi) under the Association of Asia Pacific Physical Societies (President: Seunghwan Kim) selected Professor Donald Blair Melrose of the University of Sydney as the 2016 Laureate of S. Chandrasekhar Prize of Plasma Physics, which is awarded to a scientist who has made seminal / pioneering contributions in the field of plasma physics.

Citation : For his sustained original contributions to the theory of coherent emission processes in astrophysical and space plasmas, and for his seminal contributions to the theory of quantum plasmas.

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AAPPS-DPP Homepage Address :

<http://aappsdpp.org/AAPPSDPPF/index.html>

Haruo Nagai : TEL: 080-1096-4575

[6] Reviews of Modern Plasma Physics (RMPP)



Reviews of Modern Plasma Physics

Chair: Mitsuru Kikuchi

Chief Editor: T.S. Hahm; R. Boswell; Y.-K. Pu; K. Mima; Y. Lin; K. Shibata

ISSN: 2367-3192 (electronic version)

Journal no. 41614

Chairman: Mitsuru Kikuchi, National Institutes for Quantum and Radiological Science and Technology

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[7] AAPPS-DPP Young Research Award

AAPPS-DPP Young Research Award

DIVISION OF PLASMA PHYSICS, AAPPS

ANNOUNCEMENT

The Division of Plasma Physics (AAPPS-DPP, <http://aappsdpp.org/AAPPSDPPF/index.html>), chaired by M. Kikuchi, established an award called the "AAPPS-DPP Young Research Award" to recognize significant work made by a young researcher in the field of plasma physics.

The description of this award is as follows:

- 1 A young researcher who is less than 40 years old can be nominated (i.e., self-nominated or nominated by others) for this prize based on his/her significant contribution in the study of plasma-related science and engineering. Nominations must be made by 15 June 2016.
2. Each candidate shall submit a short explanation and a published paper on the subject to DPP Chair M. Kikuchi.
3. Each previous S. Chandrasekhar winner will look at the submitted short explanations and papers in order to decide his choice of up to 2 papers providing a "significant contribution on in the study of plasma-related science and engineering".
4. A certificate with the name of the S. Chandrasekhar Prize winner who selected the work as significant will



Professor **Setsuo Ichimaru**
The first recipient of the S.
Chandrasekhar Prize



Professor **Predhiman K. Kaw**
The second recipient of the S.
Chandrasekhar Prize

be given by selector himself/herself (Prof. S. Ichimaru and Prof. P. Kaw and one more recipient of the Chandrasekhar Prize) at the end of APPC-13. [Each S. Chandrasekhar winner will be selected independently.]

5. All candidates who want to be nominated should give a related presentation at APPC-13.
6. In the new journal RMPP, which will begin publication in January 2017, notification of this award will be made as well as e-mail based AAPPS-DPP News.
7. DPP will prepare certificates for this award.

[8] Selected DPP News



The 2nd ASEAN School on Plasma and Nuclear Fusion (ASPNF2016) January 18-22, 2016

Assoc.Prof.Dr.Thawatchai Onjun
Sirindhorn International Institute of Technology, Thailand

The 2nd ASEAN School on Plasma and Nuclear Fusion was held under the framework of the Cooperation Agreement in the field of magnetic fusion research between the France and Thailand. There are many organizations supporting this activity including Thailand Institute of Nuclear Technology (TINT), the French Alternative Energies and Atomic Energy Commission (CEA), Sirindhorn International Institute of Technology, the French Embassy of Thailand, the Association of Asia Pacific Physical Societies: Division of Plasma Physics, Chulalongkorn University, Thammasat University, National Research Council of Thailand (NRCT), Thailand Physics Society (TPS), and Nuclear Society of Thailand (NST). It was an intensive course taught by the fusion and plasma experts from January 18, 2016 through January 22, 2016 at Chulalongkorn University, Bangkok, Thailand.

Fifty four participants were selected and joined ASPNF2016. A breakdown by country revealed 24 participants from Thailand, 10 participants each from Indonesia, 4 participants from Philippines, 3 participants from Vietnam, 2 participants from Laos, 1 participant from Malaysia, 1 participant from Myanmar, 8 participants each from India, and 1 participant from Japan. The school contained lectures about progress in nuclear fusion, basic plasma physics and thermonuclear fusion, plasma diagnostic, and simulations for fusion plasmas.





18th International Congress on Plasma Physics (ICPP-2016)

C. Z. (Frank) Cheng, Chair

International Advisory Committee, Scientific Program Committee, Local Organizing Committee

The 18th International Congress on Plasma Physics (ICPP-2016) was held at Kaohsiung Exhibition Center, Kaohsiung City, Taiwan during June 27-July 1, 2016. The scope of ICPP is to discuss the recent progress and to establish a view on the future of plasma science, covering a wide range of aspects on fundamental plasma physics, fusion plasmas, astrophysical plasmas and plasma applications.

The International Congress on Plasma Physics was first held in Nagoya in 1980, and followed by similar events in many different cities around the world: Gothenburg (1982), Lausanne (1984), Kiev (1987), New Delhi (1989), Innsbruck (1992), Foz-do-Iguaçu (1994), Nagoya (1996), Prague (1998), Quebec City (2000), Sydney (2002), Nice (2004), Kiev (2006), Fukuoka (2008), Santiago (2010), Stockholm (2012) and Lisboa, Portugal (2014).

The Scientific Program Committee was chaired by C. Z. (Frank) Cheng, and it consisted of the following 8 sub-committees:

- (1) Magnetic Confinement Plasmas [chair: Mitsuru Kikuchi (Japan) / co-chair: Sadruddin Benkada (France)];
- (2) Laser and Beam Plasmas [chair: Robert Bingham (UK) / co-chair: Wei Lu (China)];
- (3) Space Plasmas [chair: Yoshifumi Omura (Japan) / co-chair: Jay Johnson (USA)];
- (4) Astrophysical Plasmas [chair: Hui Li (USA) / co-chair: Ryoji Matsumoto (Japan)];
- (5) Basic Plasma Physics [chair: George Morales (USA) / co-chair: Yasushi Ono (Japan)];
- (6) Plasma Diagnostics & Space Instrumentation [chair: Tony Donne (Netherlands) / co-chair: Yoshifumi Saito (Japan)];
- (7) Low Temperature and Dusty Plasmas [chair: Osamu Ishihara (Japan) / co-chair: Edward Thomas (USA)];
- (8) Plasma Applications [chair: Satoshi Hamaguchi (Japan) / co-chair: Jong-Shinn Wu (Taiwan)].

The total number of scientific participants is 360 coming from 27 countries in the ICPP-2016 meeting. There were 81 students from 9 countries and 47 female participants from 12 countries. In total there were 353 papers. The scientific program consisted of one keynote lecture, 8 plenary talks, 164 invited talks, 65 oral talks, and 115 poster papers. In the plenary and invited talks the most up-to-date development of plasma science and technology were presented. The detailed scientific program is posted on the ICPP-2016 website (<http://www.isaps.ncku.edu.tw/ICPP2016/>). Two special issues of the ICPP-2016 are now planned for publication. The Nuclear Fusion (NF) will publish a special issue in magnetic confinement physics and Plasma Physics and Controlled Fusion (PPCF) will publish a special issue in all other areas. Because of too many papers, the special issues will publish only a limited number of papers selected by the editors-in-charge appointed by the journals.

During the ICPP-2016 meeting the IUPAP Young Scientist Award in Plasma Physics was presented to Dr. Sam Vinko (UK) by Prof. Lin-Ni Hau (Taiwan), who is the chair of Commission on Plasma Physics (C16) of the International Union of Pure and Applied Physics (IUPAP).

The ICPP International Advisory Committee also approved the 19th International Congress on Plasma Physics (ICPP-2018) which will be held in Vancouver, Canada during June 4-8, 2018.

Finally, we acknowledged the supports by the International Union of Pure and Applied Physics, the Ministry of Science and Technology of Taiwan (ROC), and the Institute of Space and Plasma Sciences of National Cheng Kung University.



AAPPS-DPP News 2016.07.21

Report of 43rd EPS-DPP, July 4-8, 2016

AAPPS-DPP Chairman, Mitsuru Kikuchi

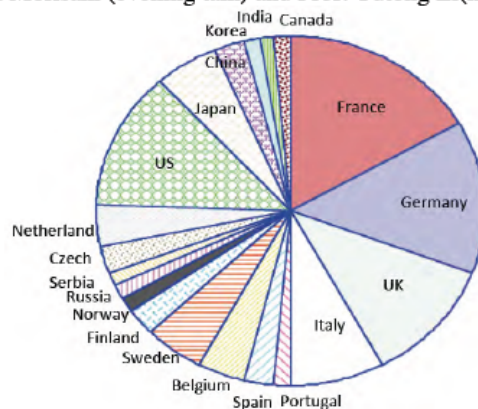
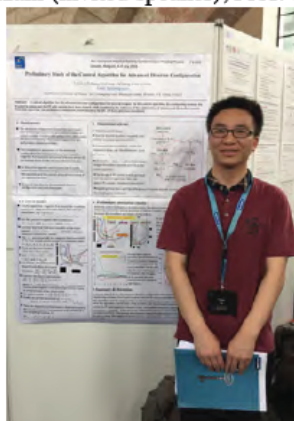
The 43rd EPS-DPP Annual Conference has been held during July 4-8 at KU Leuven, Leuven, Belgium (<https://kuleuvencongres.be/eps2016>). At first day, EPS-DPP chairman S. Jacquemot introduced 2016 H. Alfven Prize winners Dr. Sergei Bulanov (QST, Kansai, AAPPS-DPP member) and Prof. H. Zohm (IPP, Max Planck). Scientific director of IPP (Max Planck) received Emmy Noether Prize of EPS (Woman in physics). Total number of invited (prize, evening, plenary, invited) are 86 among which Asia-Pacific (mostly AAPPS-DPP members) are S. Bulanov, T. Morisaki, O. Sakai, H. Park, W. Zhong, S. Ide, C. Suzuki, R. Kumar, Y. Li, T. Johzaki. Total number of contributed presentations are 545 among which 90 are selected as orals. From Asia-Pacific, we have ~80 contributions among which 10 orals talks (W. Zhang, L. Dong, M. Sengupta, X. Bai, D. Fursa, H. Urano, K. Shaing, K. Lan, B. Qian, A. Fujisawa). On Thursday, we had EPS-PC meeting and new EPS-DPP chair Prof. Dendy agreed to strength cooperation with AAPPS-DPP.



EPS-DPP participants 2016 Alfven prize Dr. S. Bulanov and EPS-DPP chair S. Jacquemot



Prof. S. Guenter, Prof. Sakai (Last plenary speaker on plasma meta materials), Prof. R. Kumar (invited speaker), Prof. T. Johzaki (invited speaker), Prof. T. Morisaki (evening talk) and Prof. Yutong Li(invited speaker)



Dr. Li (SWIP) on poster, Country distribution of EPS2016.



Preliminary Announcement of 1st Asia-Pacific Conference on Plasma Physics (AAPPS-DPP2017)

Oct-11, 2016, Updated Dec. 2

International Organizing Committee

AAPPS-DPP 2017

1. **AAPPS-DPP executive committee (M. Kikuchi, chair)** decided to organize the **1st Asia-Pacific Conference on Plasma Physics (AAPPS-DPP2017 in short)**. This conference will be the general plasma physics conference in Asia-Pacific region, similar to the APS-DPP and EPS-DPP conferences on plasma physics.

2. **Scope of the AAPPS-DPP2017:**

AAPPS-DPP2017 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.

3. **Organization:**

Conference organizer: AAPPS-DPP

Sponsored by: APCTP (Asia-Pacific Center for Theoretical Physics)

Endorsed by: CPS-DPP, KPS-DPP, PSSI, JPS-DPP, JSPF

4. **Date:** September 18(Mon) -22(Friday)

5. **Conference Venue:** Chengdu city, China

6. **International Organizing Committee (IOC)**

IOC Chair: China: Liu Chen, liuchen@zju.edu.cn, AAPPS-DPP Vice Chair, Zhejiang University & Above-scale professor, UC Irvine

IOC co-chair: Mitsuru Kikuchi, kikuchi.mitsuru@qst.go.jp, AAPPS-DPP Chair, RMPP chair, QST (Ex supreme researcher, JAEA)

Fundamental:

Chuan Sheng Liu (MO), csliu@umac.mo, College Master, Chao Kuang Piu College, University of Macau, Former president of NCU

Zensho Yoshida (JP), yoshida@ppl.k.u-tokyo.ac.jp, Professor, Graduate school of Frontier Science, the University of Tokyo

Chio Zong Cheng (TW), frankcheng@pscc.ncku.edu.tw, Professor Emertus, National Cheng Kung

33rd AAPPS Council Meeting, Dec.4, 2016, Brisbane, Australia

University

Patrick Diamond (US/China), diamondph@gmail.com, Distinguished professor, University of California, San Diego, also SWIP

Sibylle Guenter (EU), sibylle.guenter@ipp.mpg.de, Scientific director, Max Planck Institute for plasma physics

Stewart Prager (US), sprager@pppl.gov, Professor, Princeton University, former director of Princeton Plasma Physics Laboratory

Taik Soo Hahm (KO), tshahm@snu.ac.kr, Professor, Collage of Engineering, Seoul National University

Basic:

Shenggang Liu (CN), liusg@uestc.edu.cn, former President, University of Electronic Science and Technology of China (UESTC)

Kwo Ray Chu (TW), krchu@yahoo.com.tw, Professor, National Taiwan University

Yasushi Ono (JP), ono@k.u-tokyo.ac.jp, Professor, Graduate school of Frontier Science, the University of Tokyo

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Applied:

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Masaru Hori (JP), horin@nuee.nagoya-u.ac.jp, Graduate school of Engineering, Nagoya University

Paul Kim Ho Chu (HK), paul.chu@cityu.edu.hk, Chair Professor of Materials Engineering, Department of Physics and Materials Science, City University of Hong Kong

Suk Jae Yoo (KO), sjyoo@nfri.re.kr, Vice President, National Fusion Research Institute

Roderick Boswell (AU), rod.boswell@anu.edu.au, Professor, Center for plasmas and fluids, Research school of physics & engineering, Australian National University

Ashish Ganguli (IN), aganguli@ces.iitd.ac.in, Professor, Indian Institute of Technology

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Laser:

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Kunioki Mima (JP), mima@ile.osaka-u.ac.jp, Professor, The Graduate School for the Creation of New Photonics Industries, Professor Emeritus, Institute of Laser Engineering, Osaka University

Ryosuke Kodama (JP), kodama@eei.eng.osaka-u.ac.jp, Professor, Graduate School of Engineering, Osaka University

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Zheng Ming Sheng (CN), zmsheng@sjtu.edu.cn, distinguished professor, Department of physics and astronomy, Shanghai Jiao Tong University, DPP vice chair

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Bimla Buti (IN), bimlabuti@gmail.com, Director, Centre for Science and Society, Founder & President, Buti Foundation

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Lou-Chuang Lee (TW), loucllee@gmail.com, Academician, Professor, Institute of Earth Sciences, Academia Sinica, Former president of National Central University, former Minister, National Science Council

Solar/Astro:

Dongsu Ryu (KO), Professor, Department of Physics, School of Natural Sciences, UNIST (Ulsan National Institute of Science and Technology), DPP vice chair

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Magnetic Fusion:

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Tomohiro Morisaki (JP), morisaki@nifs.ac.jp, executive director, Large Helical Device (LHD), National Institute of Fusion Science, NINS

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Dhira Bora (IN), dhirajboraipr@gmail.com, Former director of Institute for plasma research

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Anthony Donne (EU), Tony.Donne@euro-fusion.org, Programme Manager for the consortium EUROfusion.

Alain Becoulet (EU), Alain.BECOULET@cea.fr, Head of Institute, Institute for Research on Magnetic Fusion, CEA/ Cadarache

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Yoshihiko Uesugi (JPS-DPP), uesugi@ec.t.kanazawa-u.ac.jp, JPS-DPP chair, Professor, Kanazawa University

Akio Komori (JSPF), a.komori@nins.jp, President of JSPF, President of National Institutes of Natural Science

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AAPPS:

Jie Zhang (CN), jzhang1@sjtu.edu.cn, President of Shanghai Jiao Tong University

Nguyen Quang Liem (VN), liemng@ims.vast.ac.vn, Director General, IMS/VAST

“**Fundamental**” covers 1. Mathematical plasma physics, 2. MHD and Reconnection, 3. Kinetic MHD, 4. Plasma turbulence, 5. Gyro kinetic, 6. NC transport, 7. Turbulent transport, 8. Current Drive, 9. Relativistic plasma physics, etc.

“**Basic**” covers 1. Diagnostics, 2. Simulation, 3. A&M in plasma for astro/solar/space, laser, low temp and fusion applications, 4. Strongly coupled plasma, 5. Non-neutral plasma, 6. Quantum plasma, 7. Relativistic plasma, 8. Plasma propulsion, 9. Plasma source and plasma heating system, 10. Plasma material interaction, etc.

7. Local Organizing Committee (LOC)

LOC Chair: Xuru Duan (SWIP)

Member:

8. Scientific Program Committee

General PC chair: M. Kikuchi

Scientific program will be categorized into following 7 fields having following 7 PC chairs and co-chairs in each field.

- F. Fundamental plasma : TS Hahm (KO, chair), P. Diamond, K. Ida (Co-chairs)
- B. Basic plasma : A. Sen (IN, chair), F. Cheng (Co-chair)
- A. Applied plasma : M. Shiratani (JP, chair), Suk Jae Yoo (Co-chair)
- L. Laser plasma : ZM Sheng (CN, chair), Amita Das, Shinsuke Fujioka (Co-chairs)
- S. Space plasma : LC Lee (TW, chair), Y. Omura (Co-chair)
- SA. Solar/Astro plasma : K. Shibata (JP, chair), Ryoji Matsumoto, PF Chen (Co-chairs)
- MF. Magnetic fusion plasma : B. Wan (CN, chair), H. Park, T. Morisaki (Co-chairs)

9. Basic Structure of Scientific Program

Conference will from Monday (18 Sept.) to Friday (22 Sept.). Morning sessions will be plenary session (no parallel session) in principle which may include ~30 plenaries. There will be 2017 S. Chandrasekhar Prize selection before the conference and the winner will be the first plenary speaker. Afternoon session will be dedicated for parallel sessions. Number of invited speakers is ~ 160 of above 7 fields. Number of orals will be decided according to the number of contributed abstracts. There will be DPP young research award.

October 4, 2016, rev. Dec. 2

International Organizing Committee Chair: Liu Chen

Co-chair: M. Kikuchi

Local Organizing Committee Chair: Xuru Duan

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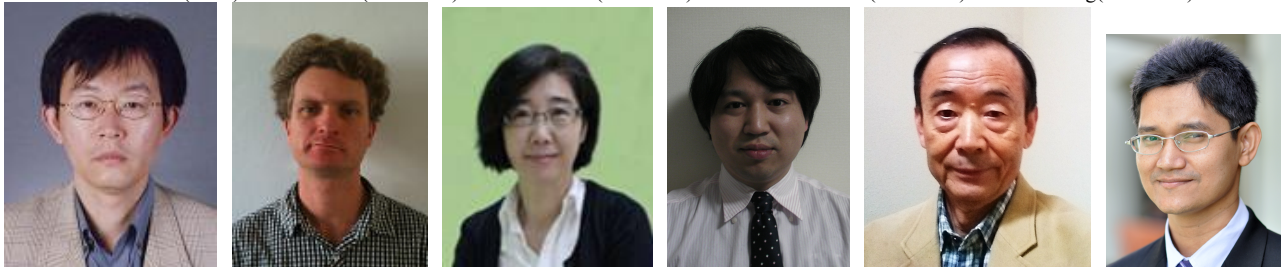
Appendix : Current List of DPP ExCo members and I-HAC

1. Executive Committee

The Executive Committee is a governing body of the DPP, which consists of the division officers and the ExCo secretary. The division officers are Division chair, Vice Chairs, Chief Division Secretary, and Division secretary.



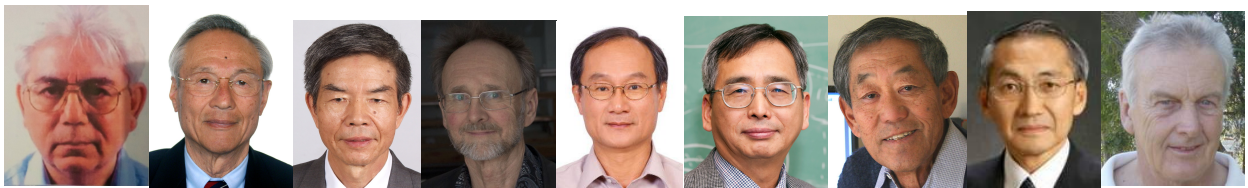
Dr./Prof. M. Kikuchi(chair) Prof. L. Chen(vice chair) Prof. A. Sen(vice chair) Prof. M. Shiratani(vice chair) Prof. Z. Sheng(vice chair)



Prof. D. Ryu(vice chair) A/Prof. M. Hole(vice chair) Prof. L. Hau(chief secretary-> Vice chair for space plasma physics) A/Prof. K. Imadera (secretary) Dr. H. Nagai (HP secretary), A. Prof. T. Onjun (chief division secretary as of Jan.30, 2015)

2. International Honorary Advisory Committee (I-HAC)

The Role of I-HAC (International Honorary Advisory Committee) is to advice ExCo for DPP operation and sometime would take action by the request of DPP Chair on behalf of ExCo. The member of I-HAC shall be a plasma physicist with outstanding scientific achievement or significant contribution to the AAPPS-DPP, who could make important advices to DPP-ExCo (age approximately above 60). New I-HAC member in 2016 is Prof. B. Buti.



Prof. P. Kaw (Chair) Prof. A. Hasegawa Prof. C. Yu Prof. R. Dewar Prof. C.Z. Cheng Prof. C.S. Chang Prof. F.F. Chen Prof. R. Hatakeyama Prof. R. Boswell



Prof. T. Tajima Prof. X.T. He Prof. K. Mima Prof. K. Shibata Prof. L.C. Lee Prof. Z. Pu Prof. W. Namkung Prof. M. Sasao Prof. H. Takabe



Prof. C. Pan Prof. Bimula Buti
(joined Sept. 26, 2014) (joined Feb. 1, 2016)