



Report on Division of Plasma Physics, AAPPS

- Report on Legal personality establishment -

**M. Kikuchi,
AAPPS-DPP chair & CEO**

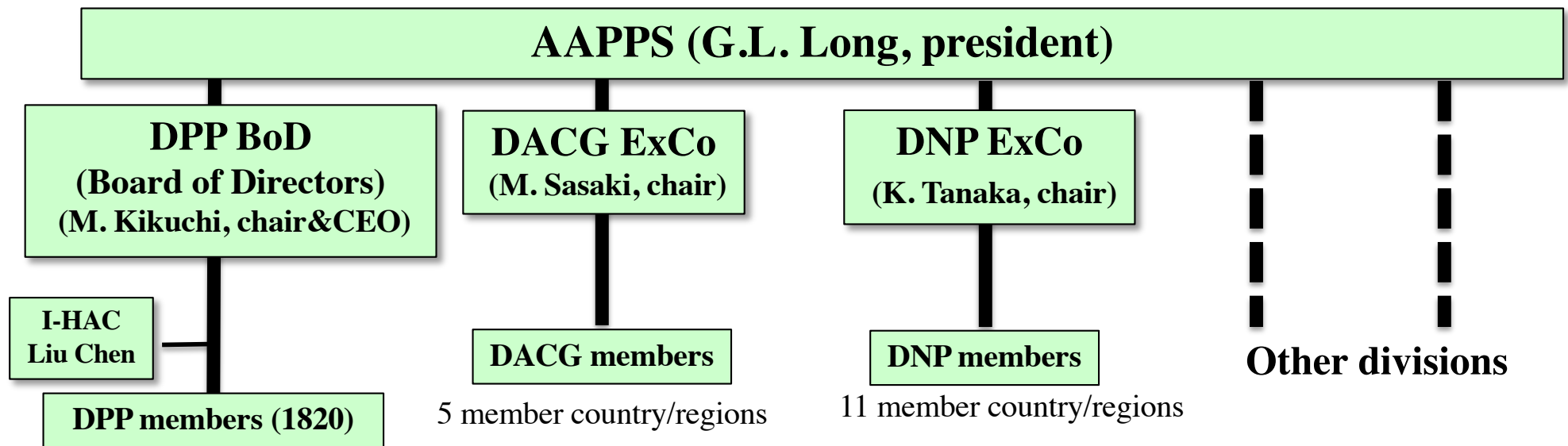
AAPPS-DPP



Bylaws for AAPPS Divisions (resolved at the 27th Council Meeting, Singapore, June 16, 2012)

4. Activities of Divisions

- a) Divisions may organize sessions at the Asia Pacific Physics Conference (APPC) either solely or jointly with other Divisions.
- b) Each Division should report its activities at the AAPPS Council meeting, either in writing or in person.
- c) Each Division may organize its own meetings at any time.
- d) **No financial obligations exist** between Divisions and the AAPPS Council.



DPP has **regal personality as AAPPS-DPP Assoc. Inc. in Japan to establish **financial authority/ responsibility**. Governing Board members are **International**.**

Note: Academic societies like JPS, JSAP has **legal personality to handle “money”**.



Why regal personality?

Board of Directors (**decision body** 2018.11-2020.11)

DPP (Voluntary organization)
Kanazawa conference

Ultimately financial risks must be taken by Chair

I was so stressed in Kanazawa due to this fact.

DPP (Legal entity)
Hefei conference

Ultimately financial risks must be taken by DPP governing board of directors

Chair and CEO's responsibility is largest as always.
Baonian has to take this risk as next chair.

| | | | | | | | |
|-------------------------|-----------------------|---------------------------|-----------------------|-----------------------|------------------------------------|---------------------|-----------------------------|
| M. Kikuchi Chair&CEO | B. Wan Chair Elect | Z. Yoshida Fundamental | SH Chen Basic | JS Yoon Applied | Manchikanti Krishnamurthy Laser | XH Deng Space | R. Matsumoto Solar/astro |
| Min Xu Mag. Fusion | RS Rawat APPC-14 | M. Shiratani Budget | M. Hole ASEAN+Aus. | H. Nagai Executive | Y. Uesugi Auditor | Y. Liu Secretary | |

公证书

Registry 印鑑証明書

DPP has 3 stamps

Representative directors (representative right): Chair and CEO

Homepage for Legal entity: <http://aappsdpp.org/DPPhoujin/index.html>

AAPPS DPP
General Incorporated Association
Division of Plasma Physics
Association of Asia-Pacific Physical Societies

一般社団法人
アジア太平洋物理学会連合プラズマ物理分科会

AAPPS-DPP Site
AAPPS-DPP2019

| | | | | | |
|-----------------|------------------|--------------------|-------------------|--------------------|------------------|
| AAPPS 物理学会連合 | AAPPS-DPP 本法人 | Conference 年次大会 | Publication 出版 | Prize&Awards 表彰 | Membership 会員 |
|-----------------|------------------|--------------------|-------------------|--------------------|------------------|

AAPPS-DPP2017
1st Asia-Pacific Conference on Plasma Physics
18-23, September 2017 in Chengdu, China

AAPPS-DPP2018
2nd Asia-Pacific Conference on Plasma Physics
12-17, November 2018 in Kanazawa, Japan

Money handling rule:

1. Any expense needs approval by CEO and Vice chair for budget (double-checking rule)
2. Incomes are annual conference, Journal (RMPP), APCTP, Sponsorship of awards.
3. Regal rule requests "Financial statement", "Membership records", "Payment records for employees", "Tax payment" (Country tax, State tax and city tax).
4. Vice chair for budget can transfer money remotely.

Articles of incorporation (1)

[approved by Notary Office and accepted by Ministry of Justice]



The Articles of Incorporation

General incorporated association, Division of Plasma Physics, Association of Asia-Pacific Physical Societies

Chapter 1 General Provisions

(Name)

Article 1 This association is called the general incorporated association, Division of Plasma Physics, Association of Asia-Pacific Physical Societies, AAPPS-DPP Association Inc., in short and hereafter called "this society".

(Office)

Article 2 This society places its principal office at Motoyoshida 1194-10, Mito-city, Ibaraki, Japan.

Chapter 2 Purpose and Business

(Purpose)

Article 3 This society will promote progress and dissemination of plasma physics knowledge and its application through research presentations, exchange of knowledge, and corpolation among members and with other academic societies. We thereby aim to contribute to the development of academic research.

(Business)

Article 4 This society will operate following business to achieve purposes set in Article 3.

- (1) Operation of academic meetings such as annual conference and lecture meeting
- (2) Publication of Journal and academic books.
- (3) Provision of information through homepage and mailing system.
- (4) Other business necessary to achieve purpose of this society

These businesses will be operated mainly in Asia-Pacific region.

(Notification)

Article 5 Notification on this society is electronic notice.

2. In case an electronic notification is not possible, it will be noticed at the principal office easily accessible by the public.

Chapter 3 Members

(Member composition of society)

Article 6 This society has following types of members.

- (1) Member: Scientist recommended by a member, who has basic knowledge of plasma physics and agreed with the purpose of this society.
- (2) Regular member: Member who participated this society's annual conference.
- (3) Honorary member: Scientist who made contribution to this society or certified by the representative directors.
- (4) "Member" defined in the Act on General Incorporated Associations and General Incorporated Foundations (hereafter called Association Act) is "regular member".

(Liability for Expenses)

Article 7 Regular member bears the responsibility for payment of expenses to this society.

(Withdrawal)

Article 8 Any member can withdraw from this society anytime by submitting notice of withdrawal as specified by the Board of Directors.

(Expulsion)

Article 9 Member might be excluded if the council judged that the member hurts the honor of this society or there is a legitimate reason and adopted by the resolution of the general assembly as defined in Article 49 #2 of the Association Act.

(Termination of membership)

Article 10 In addition to previous two articles, membership will be terminated following cases:

- (1) Communication method (such as e-mail) becomes invalid for six months;
- (2) Agreement of all regular members;
- (3) Death or dissolution;

(Registry)

Article 11 This society shall prepare a registry of members, regular members and honorary members.

Chapter 4 General Assembly

(Constitution)

Article 12 General assembly is composed of all regular members.

2. The general assembly set in the Association Act is this general assembly.

(Convocation)

Article 13 General assembly shall be called by representative directors (Chairman and CEO) based on the resolution of the Board of Directors.

2. Regular general assembly shall be called within 5 months after the end of each business year.

(Authority)

Article 14 General assembly adopts resolutions on following matters.

- (1) Adoption of balance sheets and profit and loss statements and their detailed documents
- (2) Appointment or dismissal of director and auditor
- (3) Appointment and dismissal of director or auditor
- (4) Change of the articles of incorporation
- (5) Expulsion of members
- (6) Other matter set in Association Act or this Articles

(Chairperson and Operation report)

Article 15 Chairperson of the general assembly is the chairman of this society. CEO (Chief Operating Officer) will report on operation at the general assembly.

(Voting Right)

Article 16 Each regular member shall have one vote.

Articles of incorporation (2)

[approved by Notary Office and accepted by Ministry of Justice]



(Resolution)

Article 17 Resolution of the general assembly shall be made by the majority vote among participating regular members except for matters set by Association Act or by this Articles of Incorporation:

2. Resolution of matters concerning Article 49 #2 of Association Act shall be effected by at least a two-thirds majority of the votes of all regular members and with a quorum of at least one-half of the total number of regular members;
3. Regular member who do not participate general assembly can exercise voting right through electronic means.

(Exercising Voting Rights by Proxy)

Article 18 Regular members may exercise their voting rights by proxy. In such cases, the subject regular member or proxy shall submit a document certifying the authority of representation to the society.

(Minutes)

Article 19 Minutes of the general assembly shall be prepared as prescribed by the applicable Ordinance of the Ministry of Justice.

Chapter 5 Officer

(Establishment of officer)

Article 20 This society shall have following officers.

- (1) Directors: equal or larger than 3 and not more than 16
- (2) Auditors: not more than 2.
2. Representative directors are not more than 2 among directors.

(Appointment of Officer)

Article 21 Directors and Auditors shall be appointed by the resolution of the General Assembly.

2. Representative directors shall be appointed among directors by the resolution of the Board of Directors.
3. Auditor shall not concurrently as a director or an employee of this society or its subsidiary.
4. With respect to each director, the total number of concerned director and one's spouse or relatives within the third degree of kinship (including persons having special relationships specified by Cabinet Order with concerned director as those standing in a position similar to these persons) who are directors does not exceed one third of the total number of directors.

(Duty and Authority of Directors)

Article 22 Director is a member of the Board of Directors and will execute its duty according to the act and this articles.

2. Directors share following functions.
 - (1) Chairman
 - (2) Chief Executive Officer (CEO)
 - (3) Chair-Elect
 - (4) Vice chairs (equal or less than 12)
 - (5) Executive officer
3. Representative directors in the Association Act are Chairman and CEO.

4. Executive officer is executive director in the Association Act. Executive director administers the business operations of this society.

5. Representative directors and the executive director shall report their status of execution of duties to the Board of Directors more than twice with an interval exceeding 4 months in each fiscal year.

(Duty and Authority of Chairman and CEO)

Article 23 Chairman organizes the annual conference and chairs the General Assembly and the Board of Directors as decision body of this society.

2. CEO has the responsibility for the operation of this society and reports its activity at the General Assembly and the Council. CEO concludes contracts and agreements as representative of this society upon decision of the council. CEO shall execute one's duty at the principal office.

(Duty and Authority of Auditors)

Article 24 Auditors shall audit Directors' performance of their duties. Auditors shall prepare an audit report as prescribed by the applicable Ordinance of the Ministry of Justice.

2. Auditors may request reports on business from directors and employees, or investigate the state of business and property of this society at any time.
3. An auditor shall attend Board of Directors meetings and provide one's opinions when it is considered necessary to do so.

(Tenure of Officers)

Article 25 The tenure of a director shall be until the end of the final annual meeting of the general assembly in a business year that ends within two years after one's appointment. Reappointment shall not be precluded.

2. The tenure of an auditor shall be until the end of the final annual meeting of the general assembly in a business year that ends within two years after one's appointment. Reappointment shall not be precluded.

(Liability of the officer)

Article 26 If officer is negligent in performing one's duties, he/she is liable for compensating any damages arising therefrom with respect to the society (Article 111, paragraph 1 of Association Act).

2. The liability of officers set in previous paragraph may be forgiven through a resolution of the Board of Directors, with a maximum limitation determined by deducting the amount listed as minimum amount of liability set in Article 115, paragraph (1) of Association Act.

(Remuneration for Officer)

Article 27 Officers shall have no remuneration.

2. Notwithstanding previous paragraph, CEO and Executive Director may be awarded remuneration upon resolution of general assembly.

(Dismissal)

Article 28 Officers may be dismissed at any time by resolution of the general assembly. Dismissal of auditor shall be effected by at least a two-thirds majority of the votes of all regular members and with a quorum of at least one-half of the total number of regular members:

Articles of incorporation (3)

[approved by Notary Office and accepted by Ministry of Justice]
- Non-profit organization -



Chapter 6 Board of directors

(Constitution)

Article 29 This society shall set a Board of Directors. The Board of Directors shall be composed of all directors set in Article 16.

(Authority)

Article 30 The Board of Directors shall execute following businesses in addition to business set in other Articles of incorporation.

- (1) The determination of the business;
- (2) The supervision of the duties of directors;
- (3) The selection and dismissal of the representative directors and the executive director

(Call and Chairperson)

Article 31 The Board of Directors shall be called by the Representative Directors and chairperson of the Board of Directors shall be the Chairman. Style of the Board of Directors may include electronic forms such as Web.

2. In case of lack or accident of the representative directors, the Board of Directors shall be called by other director according to the pre-decided order by the Board of Directors. In case of lack or accident of the Chairman, the Board of Directors shall be chaired by other director according to the pre-decided order by the Board of Directors.

(Resolution)

Article 32 Resolutions at a Board of Directors meeting shall be made by majority vote when the majority of directors (limited to directors who are qualified to vote on the matter) have participated.

2. If a director has made a proposal on a matter of a resolution, it is regarded as the resolution of a Board of Directors if all directors (limited to directors who are qualified to vote on the matter) expressed agreement in writing if an auditor does not state an objection to the proposal.

(Minutes)

Article 33 The minutes shall be prepared pursuant to the provisions of the applicable Ordinance of the Ministry of Justice and be signed by representative directors present and auditors present at the Board of Directors

Chapter 7 Assets and Accounting

(Business year)

Article 34 A business year of this society starts September 1 and ends August 31 of the next year.

(Business plan and Budget)

Article 35 The representative directors shall prepare the business planning documents and income and expenditure budget documents of the Society by a day before the new business year and obtain approval at the General Assembly after the resolution of the Board of Directors. It also applies similarly to amendment.

2. Above document shall be placed at the principal office for 5 years and shall be provided for public reading.

(Business report and settlement)

Article 36 The COE shall prepare the following documents of the society after the end of each business year, which are audited by an auditor and obtain approval of the Board of Directors.

- (1) Business report
 - (2) Appendix to the business report
 - (3) Balance sheet
 - (4) Net asset statement
 - (5) Appendixes to balance sheet and next asset
2. In addition to above documents, audit report shall be placed at the principal office for 5 years for public reading.

(Prohibition of distribution of surplus)

Article 37 The surplus of this society shall not be distributed.

(Attribution of residual assets)

Article 38 In case of liquidation of this society, residual asset shall be given to an association listed in Article 5, item 17 in the Association Act or to a Government or Local Public Entity after resolution of the general assembly.

Chapter 8 Administrative Office

(Administrative Office)

Article 39 This society may establish executive office for processing administrative matters.

2. Secretary general and administrative staffs may be employed as necessary.
3. Appointment and dismissal of secretary general and important administrative staffs shall be made by a representative director after approval at the Board of Directors.
4. Matters on organization and operation of administrative office shall be set by the resolution of the Board of Directors.

Chapter 9 Supplementary Provisions

(First Business Year)

Article 40 The first business year of this society shall be from date of foundation to August 31, 2019.

(Representative director and directors at founding)

Article 41 The representative director and the directors at the time of establishment of this society shall be as follows.

| | |
|-------------------------|--------------------|
| Representative director | Mitsuru Kikuchi |
| Director | Masaharu Shiratani |
| Director | Haruo Nagai |
| Auditor | Yoshihiko Uesugi |

(Name and address of founding members)

Article 42 Name and address of members at the time of establishment are as follows.

| | |
|--------------------|--|
| Mitsuru Kikuchi | |
| Masaharu Shiratani | |
| Haruo Nagai | |
| Yoshihiko Uesugi | |



1st Year Financial statement approved by the Board of Directors

(<http://aappsdp.org/DPPhoujin/data/DPP%20Annual%20Report2019.pdf>)

Government law requests this has to be accessible to public.

Annual Report of 2019 Fiscal Year
General Incorporated Association,
Division of Plasma Physics, Association of Asia-Pacific Physical Societies
(AAPPS-DPP Association Inc.)
(November 28, 2018 to August 31, 2019)

1. Introduction

AAPPS-DPP has successfully organized two annual conferences since its establishment, and has been recognized as a leading society of plasma physics in Asia Pacific region. On the other hand, AAPPS-DPP has been a voluntary organization without legal personality and organizational responsibility was unclear. For this reason, the chairman Dr. M. Kikuchi consulted to I-HAC to establish DPP's legal personality and after its agreement, DPP's executive committee (decision body) decided to register DPP as legal entity located in Japan. It is expected that the activities of AAPPS-DPP will become more active and stable in the management of the annual conferences by this new incorporation.

2. Establishment of corporate system

Since DPP is reformed to legal entity on November 28, 2018, the management structure of AAPPS-DPP have been improved. AAPPS-DPP is currently operated with 12 directors and 1 auditor. Among 12 directors and 1 auditor, 6 from Japan and 7 from other countries have been selected as a corporation member. The status of corporate activities is shown on the following website. <http://aappsdp.org/DPPhoujin/index.html>

3. Preparation for the 3rd Asia-Pacific Conference on Plasma Physics etc.

Following the 2nd Asia-Pacific Conference on Plasma Physics (AAPPS-DPP2018) held in Kanazawa in November 12-17, 2018, preparation of the 3rd meeting in Hefei, China is now in progress. The preparation status is shown on the following website.

<http://aappsdp.org/DPP2019/index.html>

AAPPS-DPP also contributing the 14th Asia Pacific Physics Conference which is organized by AAPPS to be held in Kuching as seen on the following website.

<http://appc2019.ifm.org.my>

With these reports, state and city taxes are waived for AAPPS-DPP Assoc. Inc.

FY2019(1st Fiscal year): Nov. 28, 2018 – Aug 31, 2019

FY2020(2nd Fiscal year): Sept.1, 2019 – Aug. 31, 2020

Income Statement

AAPPS-DPP Association Inc.

From November 28, 2018 to August 31, 2019 (Unit JPY)

| Subject | Current year |
|--|------------------------------------|
| 1. General net asset | |
| [Ordinary asset] | |
| [Ordinary revenue] | |
| RMPP revenue | 282,351 |
| Miscellaneous revenue (Interest) | 53 |
| Total ordinary revenue | 282,404 |
| [Ordinary expenses] | |
| [Operating expenses] | 6,088 |
| Salaries | 0 |
| Travel expenses (Journal meeting) | 6,088 |
| Publication expenses | 0 |
| Subsidy for international conference | 0 |
| [Administrative expenses] | 2,275,991 |
| Salaries | 1,466,300 |
| Tax | 20,220 |
| Communication and Transportation expenses (phone, Biz station, Step server) | 54,020 |
| Equipment expenses (phone, PC, etc.) | 674,254 |
| Consumable expenses (printer toner, paper) | 44,981 |
| Handling charge | 5,588 |
| Other expenses (Corporate copy & change registration) | 10,708 |
| Total ordinary expenses | 2,282,079 |
| Current year ordinary income | △ 1,999,675 |
| [Non-recurring asset] | |
| [Non-recurring revenue] | |
| [Other non-recurring revenue] | |
| Business succession (from Voluntary AAPPS-DPP : Income from AAPPS-DPP2018, et al.) | 13,502,299 USD772 |
| Total non-recurring revenue | 13,502,299 USD772 |
| | (USD part) |
| [Non-recurring expenses] | |
| Total non-recurring expenses | 0 |
| Current year non-recurring income | 13,502,299 USD772 |
| Current year general net asset before tax | 13,502,299 USD772 |
| Corporate resident tax (State tax, collection hold for city tax) | 7,300 |
| Current year general net asset | 11,495,324 USD772 |
| General net assets start of period balance | 0 |
| General net assets end of period balance | 11,495,324 USD772 |
| 2. Net assets end of period balance | 11,495,324 USD772 |

USD772 is cash out of account in JPY.

Appendix :

Brief introduction of AAPPS-DPP history



- 1. APPC-12 : Makurari, Japan**
- 2. APPC-13 : Brisbane, Australia**
- 3. APPC-14 : Kuching, Malaysia**

- 4. 1st Asia-Pacific Conference on Plasma Physics**
- 5. 2nd Asia-Pacific Conference on Plasma Physics**
- 6. 3rd Asia-Pacific Conference on Plasma Physics**

- 7. S. Chandrasekhar Prize of Plasma Physics**
- 8. Plasma Innovation Prize**
- 9. Young Researcher (U40) Award**
- 10. Doctoral Scientist / Student (U30) Award**
- 11. Poster Prize**

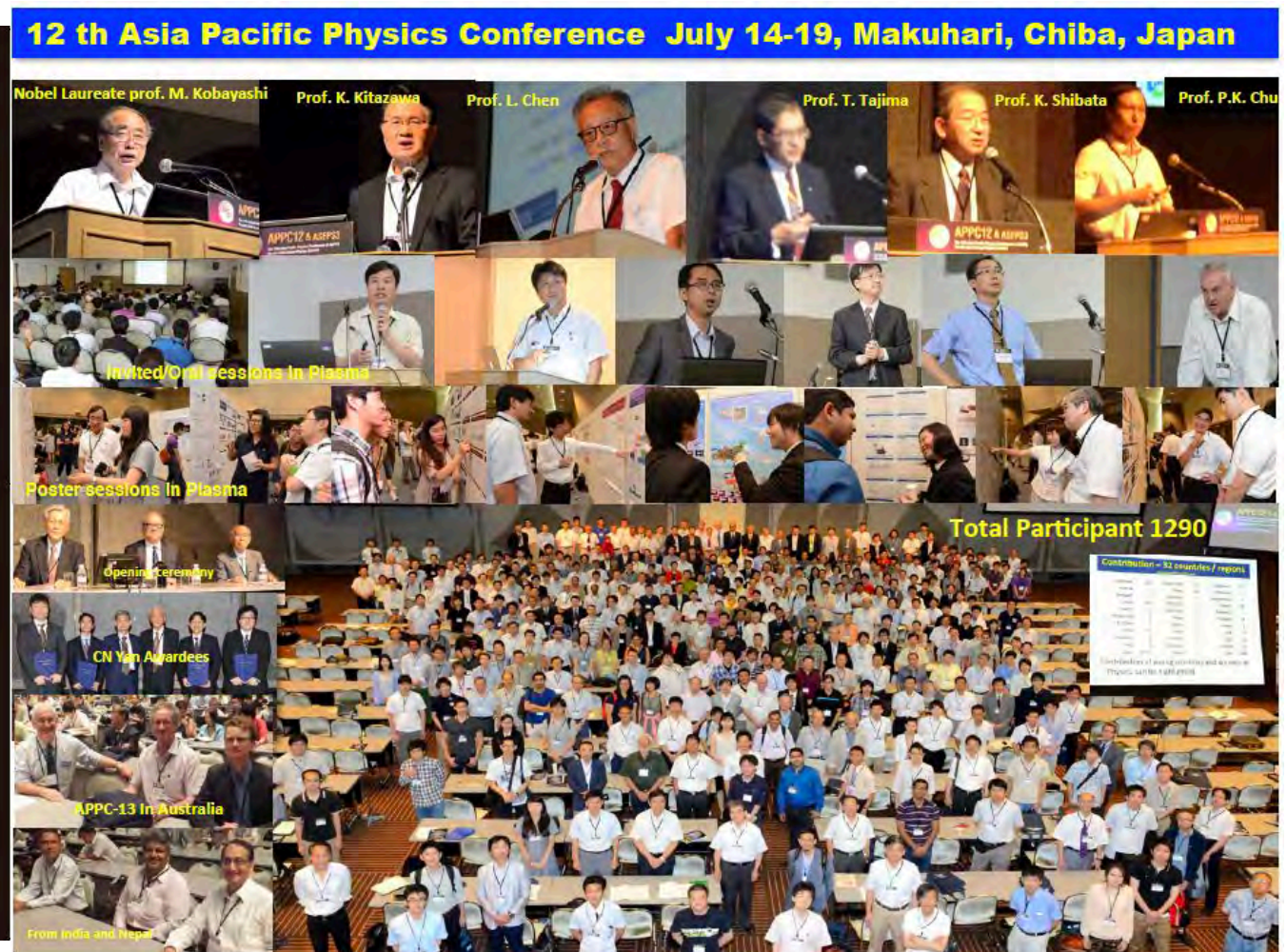
- 12. Reviews of Modern Plasma Physics**

Contribution of DPP starts from APPC-12, 2013

300 out of 1290 are **plasma session**
DPP had **4 plenary** speakers of which
3 received S. Chandrasekhar prize of plasma physics

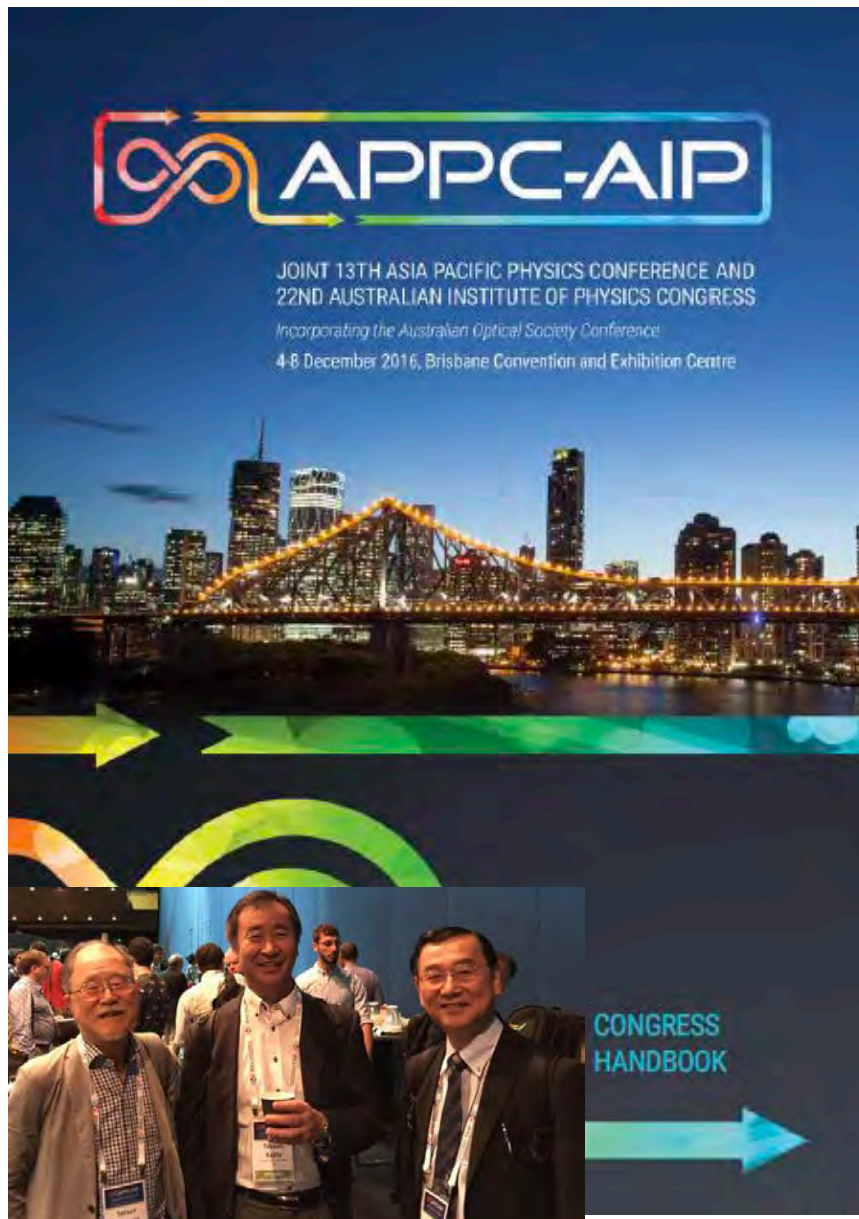


Based on this works, formation of DPP is recommended by Prof. Nagamiya and approved in AAPPS council (Taipei) in Jan. 2014.



DPP had strong commitment to APPC-13

**Participants: ~700 [AIP: 500, APPC-13: ~200]
DPP : ~100 (50%)**





DPP contributes to APPC-14



Participants: ~450, DPP : ~100

DPP Plenary:
Kazunari Shibata (Kyoto)
Liu Chen (ZJU)
Bertrand Lembege (LATMOS-CNRS)
Miran Mozetic (Institute Jozef Stefan)



Liu Chen
 EPS Alfven and
 APS Maxwell prize
 winner
 WoS=10,800
 Google=14,000



K. Shibata
 C. Hayshi Prize
 winner
 WoS=14,000
 Google=21,000



Magnetic Pulsation Theory

Standard model for all magnetosphere

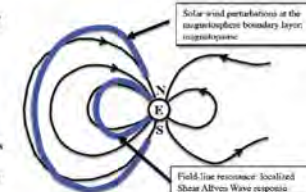
"Solar wind"

Sun

Streams of charged particles

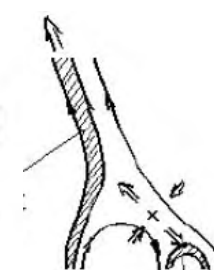
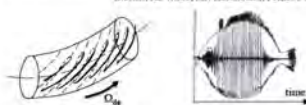
L. Chen, A. Hasegawa, JGR1974

Fig. 11.11.11 Chen's magnetic pulsation theory

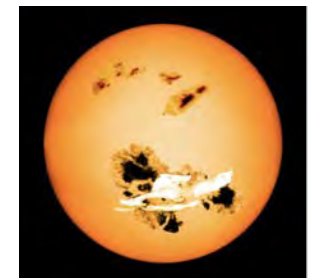


Magnetic Fusion "Fishbone Mode" Theory

L. Chen, R.B. White, M.N. Rosenbluth, PRL1984



Bright Loop



DPP started annual conference from 2017

~500 participants



Chengdu



DPP Chandrasekhar winner and young research award 2017



AAPPS-DPP 2018
2nd Asia-Pacific Conference on Plasma Physics
Program



November 12-17, 2018 Kanazawa JAPAN



Division of Plasma Physics Association of Asia Pacific Physical Societies

2nd Annual conference Kanazawa

682 participants



Toshiki Tajima
 E. Fermi prize winner
 WoS=16,000
 Google=23,000

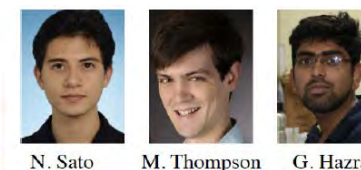
Celebrated PRL paper
 WoS=3000
 Google=4400



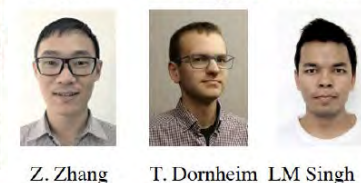
Fig. 4: Poster Prize winners.

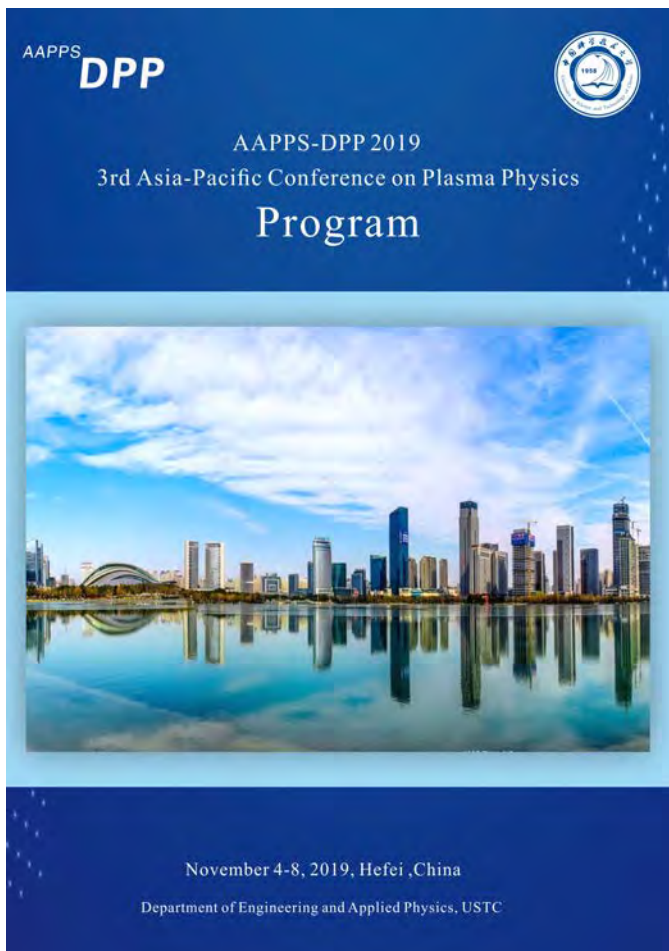


U40

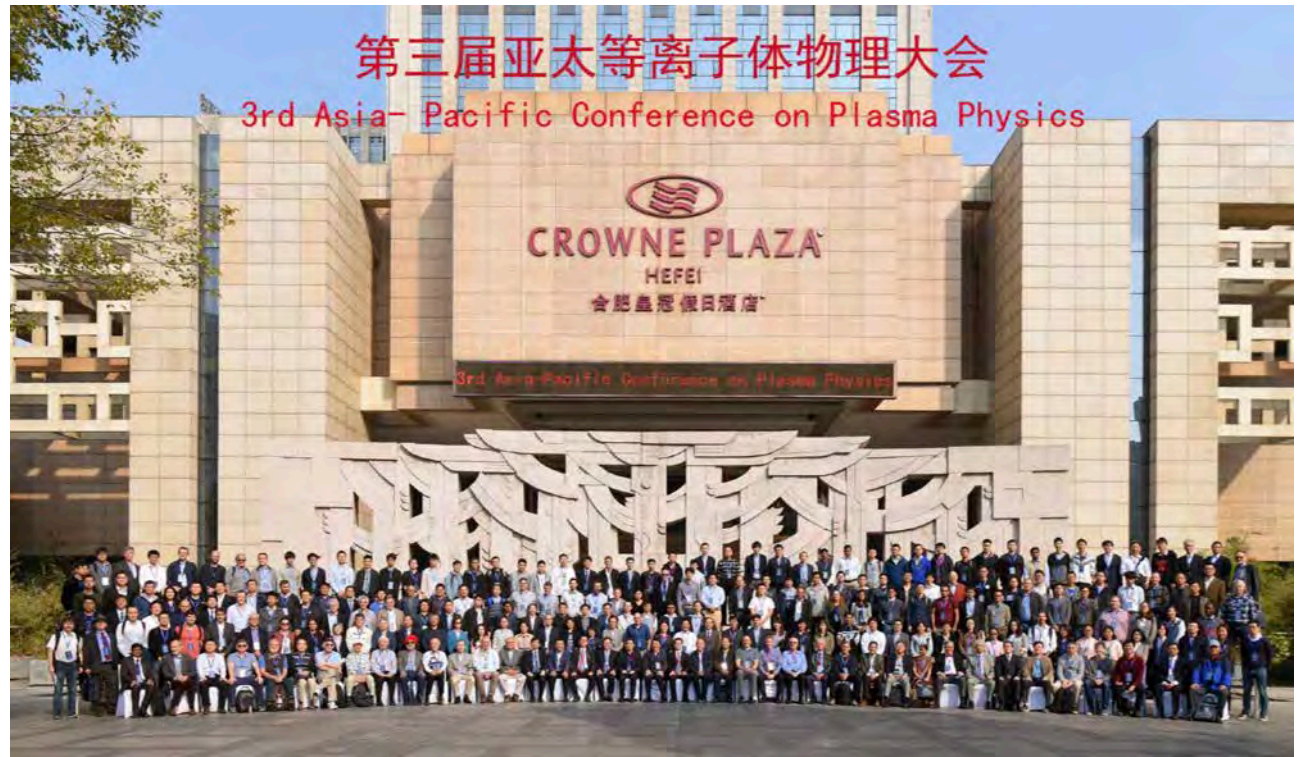


U30





3rd Annual Conference Hefei **Participants: ~360**



**Innovation prize
Started from 2019**



Official Journal of the
Division of Plasma Physics,
Association of Asia Pacific
Physical Societies
(AAPPS-DPP)



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- Numerical modeling of high efficiency multistage plasma thrusters for space applications
Kahnfeld, D., Duras, J., Matthias, P. et al. Rev. Mod. Plasma Phys. (2019) 3: 11,
- Modern gyrokinetic formulation of collisional and turbulent transport in toroidally rotating plasmas
Sugama, H. Rev. Mod. Plasma Phys. (2017) 1: 9.
- Introduction to the interaction between energetic particles and Alfvén eigenmodes in toroidal plasmas
Todo, Y. Rev. Mod. Plasma Phys. (2019) 3: 1.



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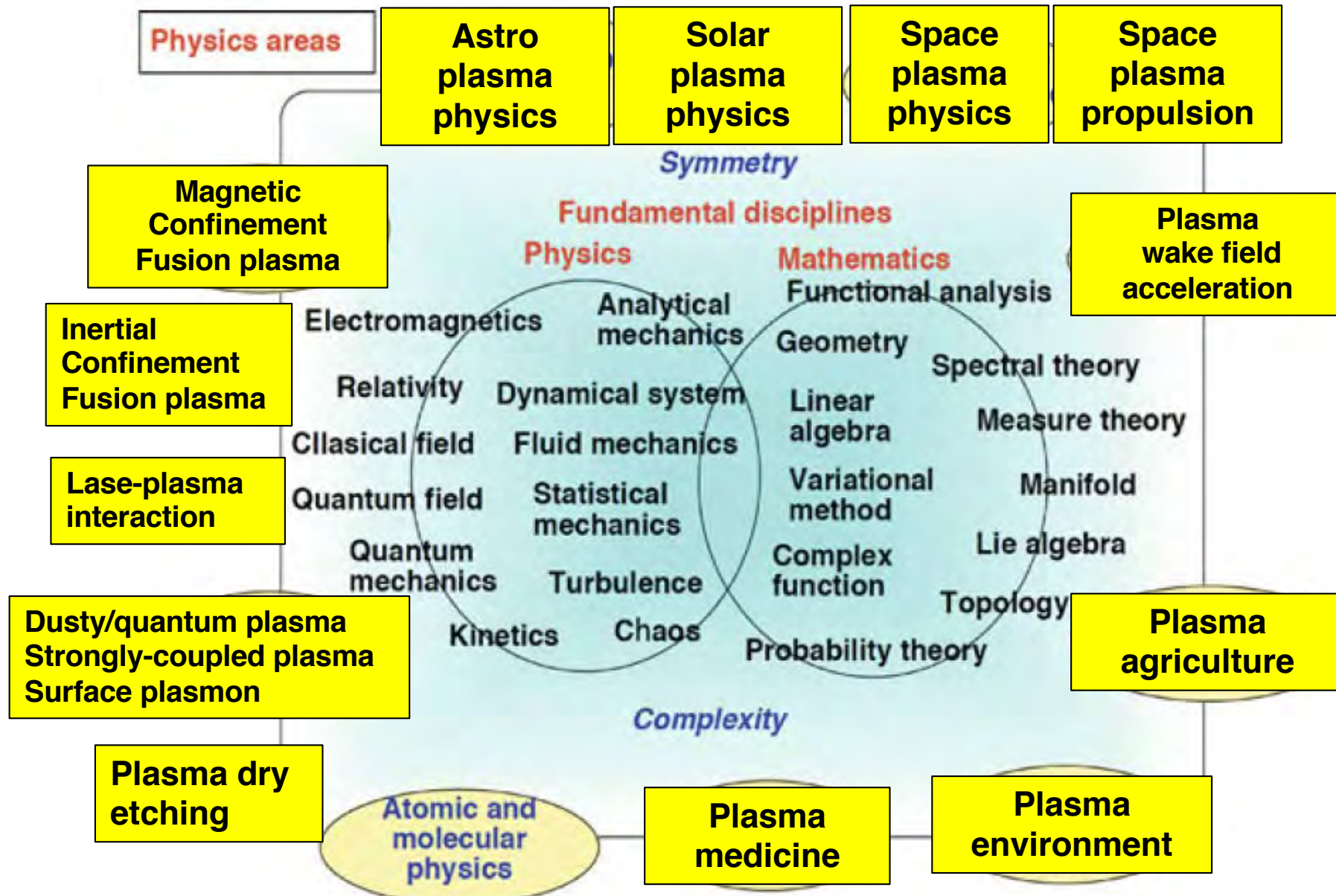
DPP Calendar



- **2013: APPC-12 (Makuhari, Japan)**
- **2014: Start DPP, Start S. Chandrasekhar Prize**
- **2015: S. Chandrasekhar**
- **2016: APPC-13(Brisbane, Australia)**
- **2017: 1st AAPPS-DPP conf., Chengdu, Sept. RMPP journal**
- **2018: 2nd AAPPS-DPP conf., Kanazawa, Japan Nov. 12-16**
- **2019: 3rd AAPPS-DPP Conf., Hefei, China, Nov. 4-8
: APPC-14 (Sarawak, Malaysia), Nov. 17-22**
- **2020: 4th AAPPS-DPP, Jeju, Korea, Oct. 26-30**
- **2021: 5th AAPPS-DPP, Fukuoka, Japan, Sept. 27-Oct.1**
- **2022: 6th AAPPS-DPP, India?, APPC-15 (Korea?)**

Make plasma physics fundamental discipline!!

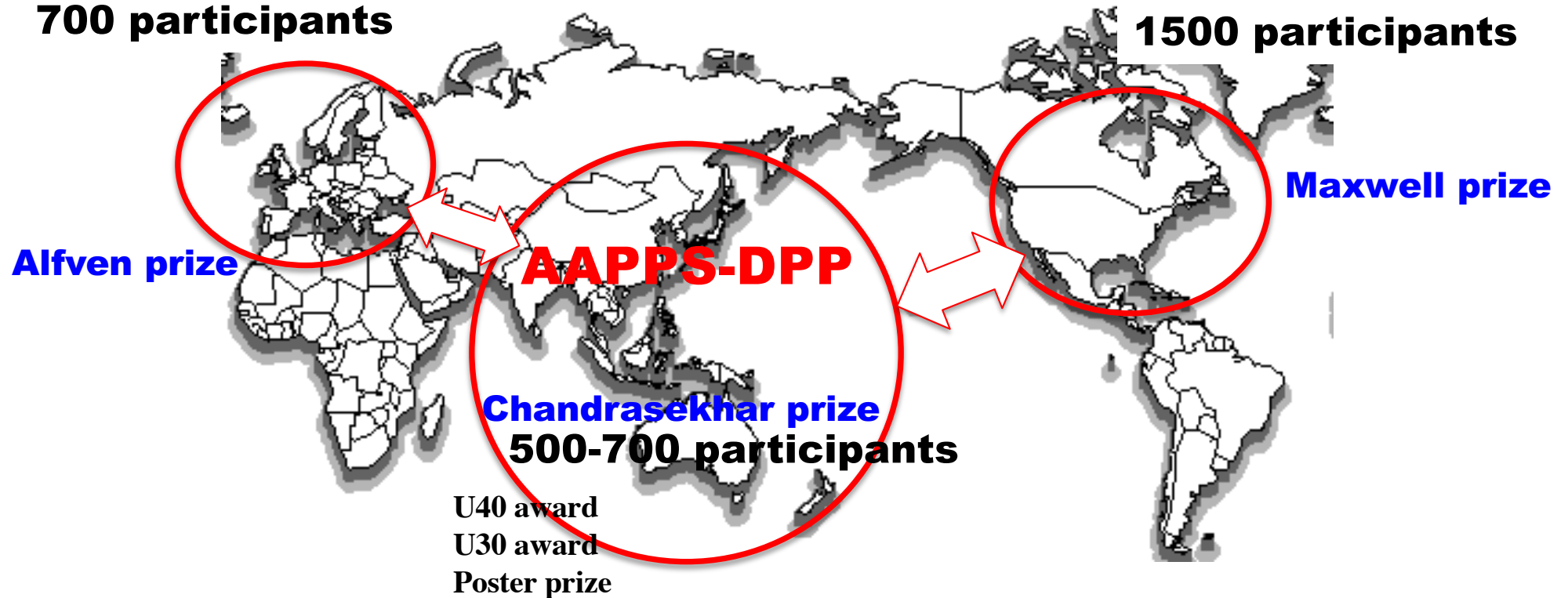
Modified from Kikuchi, Springer 2011



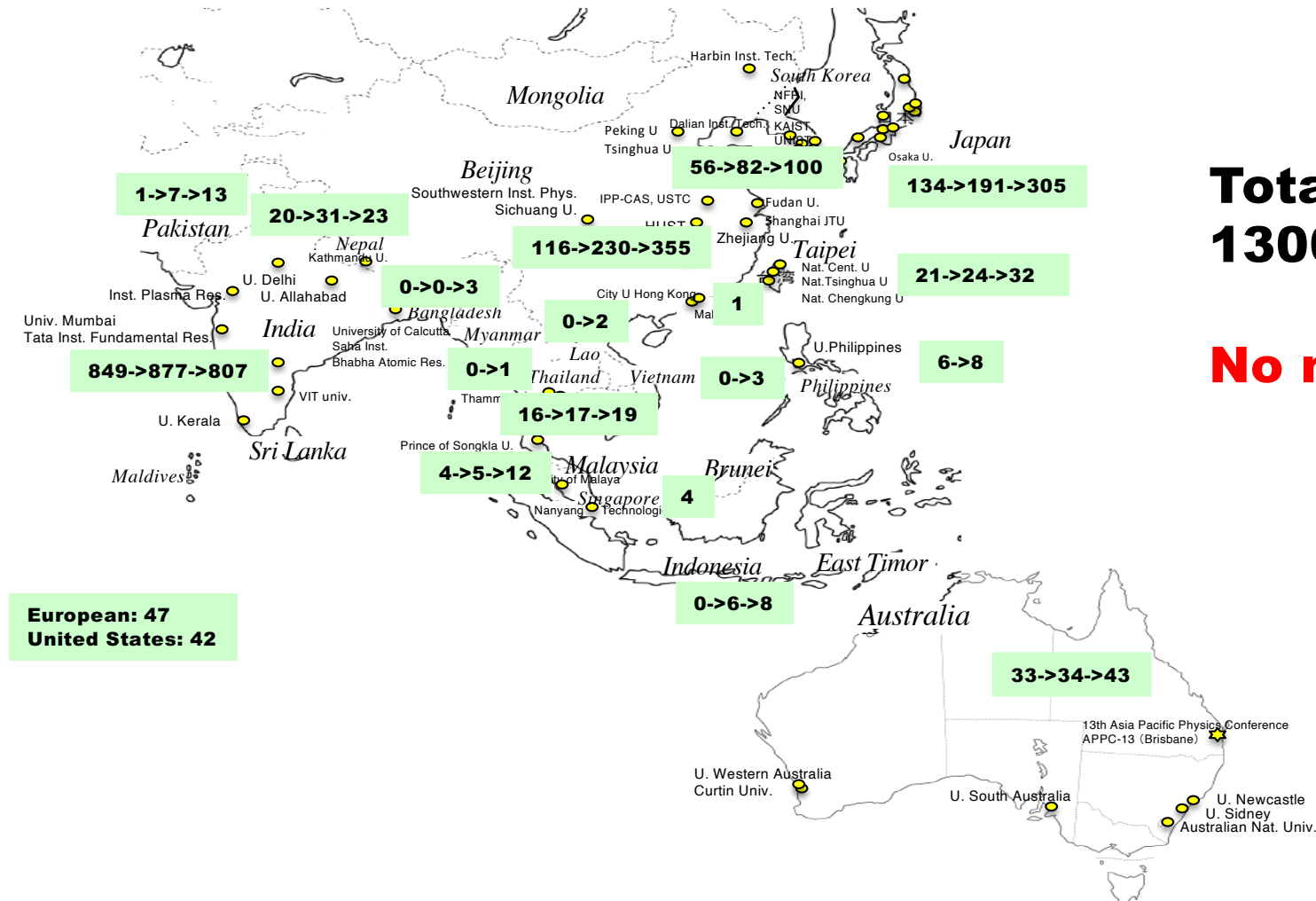
AAPPS (DPP cooperation)

**European Physical society (EPS)
Division of plasma physics
700 participants**

**American Physical society (APS)
Division of plasma physics
1500 participants**



Membership distribution



Total member
1300 -> 1600->1820

No membership fee



DPP: Y. Liu

New Zealand



DPP Membership 2016.01 -> 2017.9.17->2019.09.05

I-HAC(**advisory body** 2017-2020)

International honorary advisory committee



L. Chen
Chair



A. Sen
Vice Chair



A. Hasegawa



R. Dewar



P. Diamond



SI Itoh



C.S. Liu



Lin I



CS Wong



O. Ishihara



R. Ganesh



R. Hatakeyama



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R. Boswell



SJ Yoo



K. Mima



X.T. He



T. Tajima



C.H. Nam



H. Hora



B. Buti



Z. Pu



R. Fujii



DH Lee



K. Shibata



A.R. Chaudhuri



JX Wang



Y. Wan



H. Park



A. Komori



Y. Liu



W. Namkung



XG Wang



H. Suk



PK Chattopadhyay



D. Melrose



CZ Cheng



LC Lee



DPP Homepage (Linked from AAPPS HP)

work by H. nagai

DPP News

Release of 2015 S. Chandrasekhar Prize!!
(Release/Japanese) Congratulatory Wordings

Call for Web Advertising. AAPPS-DPP needs your cooperation!!
Make contact with APPS-DPP secretary aapps.dpp@gmail.com(substitute @ for #)
Download Application Form

Call for Donation for S. Chandrasekhar Prize of Plasma Physics

- January 17, 2016
See Web advertisement.
DPP News January 17, 2016
- January 14, 2016
First Announcement of the 43rd EPS Conference on Plasma Physics.
DPP News January 14, 2016
- January 14, 2016
Meeting information; Vidisha Conference.
DPP News January 14, 2016
- January 14, 2016
ICPP2016 abstract submission ready.
DPP News January 14, 2016
- January 13, 2016
Report of 10 year celebration of plasma physics lab. in Nepal.
DPP News January 13, 2016
- January 13, 2016
Prof. Francis Froyon passed away.
DPP News January 13, 2016
- January 13, 2016
2015 S. Chandrasekhar Prize Laureate is Prof. Predhiman Kaw.
DPP News January 13, 2016 Congratulatory Wordings Press Release

Upcoming meeting

Education

Job Opportunity

Upcoming Meetings

- APEA 2015, Dec.14-18, 2015, Gandhinagar, India
- 2015 ITER International School, Dec.14-18, 2015, Heifei, China
- 10th West Lake International Symposium (WLIS) on Magnetic Fusion and the 12th Asia Pacific Plasma Theory Conference (APPTC), May.9-12, 2016, Hangzhou, China
- The 18th International Congress on Plasma Physics (ICPP-2016), June 27-July1, 2016, Kaohsiung, Chinese Taipei
- EPS 2016, July.4-8, 2016, Leuven, Belgium

Education/school

Home Education AAPPS-DPP Schools & Books

There are number of plasma schools which may be useful for Asia researchers. This page provide informations schooling opportunities also all over the world.

- Schools**
- Asia-Pacific school information:**
 - **Sokendai Asian Winter School(AWS2014)**
 - * Date: Dec.2, 2014 - Dec. 5, 2014
 - * Location: National Institute for Fusion Science, Japan
 - * Intended for: Students and young researchers in Japan and other countries
 - * Capacity: 30 people
 - **2nd ASEAN School on Plasma and Nuclear Fusion** Jan 18-22 University, Bangkok, Thailand
 - It will be an intensive one-week course taught by fusion experts in the field of
 - Cooperation Agreement in the Field of Magnetic Fusion Research TINT/SHT/TU
 - East-Asia School and Workshop on Laboratory, Space and Astrop This school is started in 2011 and the first school is held at KIAA 2nd school at Jeju Island, Korea in 2012, 3rd school at Tokyo, Ja School will be held at Harbin Institute of Technology, Harbin, CI 2014.
- 4th East-Asia School and Workshop on Laboratory, Space and**

S. Chandrasekhar Prize

S. Chandrasekhar Prize

S. Chandrasekhar (1916-1995) was an Indian-American astrophysicist who was awarded the 1983 Nobel Prize for physics for his theory of black hole. He worked in various areas including plasma physics. Plasma physics community is benefited from his works through his textbooks such as "Principles of stellar dynamics (1942)", "Plasma Physics (1973)", "Hydrodynamics and Hydromagnetic stability (1981)". In 2014, we have established the Division of Plasma Physics under AAPPS. Asia-Pacific region is rapidly growing economically and scientifically. A large number of new programs on various fundamental and applied aspects of plasma physics are emerging in several countries of Asia and the Pacific regions. Young people taking up careers in plasma science in these regions look forward to the prestige of recognition by their peers and thus become more equitable when your peers are automatically familiar with your work. This will also give a "sense of accomplishment" in the Asia-Pacific region as a whole because the body of significant work already produced by the Awarders will be awarded to this region. The Executive Committee of division of plasma physics after consultation to I-HAC (International Honorary Advisory Committee) decided to establish Plasma Physics Prize after S. Chandrasekhar to recognize seminal/pioneering works in this field.

2. Description of the S. Chandrasekhar Prize

The Chandrasekhar Prize is awarded by the Division of Plasma Physics of the AAPPS to recognize outstanding contributions to experimental and/or theoretical research in fundamental plasma physics and plasma applications in all fields of physics.

3. Call for Sponsorship and Contribution

Division of Plasma Physics (DPP) seeks the official sponsorship by any organizations and personal contributions in support of above prospectus. Contribution will be used for DPP operations and awards. Official sponsorship by the organization will be recorded in the diploma of DPP Awards and the home page. Official sponsorship shall be one or more units in the US \$ 5,000. You may visit AAPPS-DPP HP at <http://aappsdp.org/AAPPSDPP/index.html>.

4. Nomination guideline

Any DPP members (not a member of the committee making the selection) may submit one nomination or seconding letter for the prize in any given year. A nomination should include: A letter evaluating the nominee's qualifications in the light of the particular features of the prize and identifying the specific work to be recognized. Nomination statement shall include:

Web advertisement

JEOL
Company Philosophy

On the basis of "Creativity" and "Networks and Development", JEOL, positively challenges the world's highest technology, thus forever contributing to the progress in both science and human society through its products.

Toshiba Corporation

Toshiba Corporation, a Fortune Global 500 company, channels world-class capabilities in advanced electronic and electrical product and systems into five strategic business domains: Energy & Infrastructure, Community Solutions, Healthcare Systems & Services, Electronic Devices & Components, and Lifestyle Products & Services.

High-Power Electrical Equipment Testing Center of CASHIPS

High-Power Electrical Equipment Testing Center of CASHIPS (abbreviated as HEETEC), equipped with the largest DC power test platform and steady state test platform in China, is a professional test organization on high power electrical equipment.

HEFEI KEJUGAO TECHNOLOGY CO.,LTD

HEFEI KEJUGAO TECHNOLOGY CO.,LTD is a sole corporation established by the Institute of Plasma Physics, Chinese Academy of Sciences. KEJUGAO has deeply participated in ITER international cooperation projects and can offer the Fusion Engineering Technology Division with comprehensive solutions in designing, researching, and testing.

Chinese Laser Press for more information

Founded in 2009, Chinese Laser Press (CLP) is a non-profitable company providing professional multilateral connections for the laser, optics and photonics community, through publishing, meetings, and other activities.

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Join DPP membership

- I) If you are participants of APCC-12:**
Please send your informations to AAPPS-DPP secretary for the following items;
1. Name (First, Middle, Family)
 2. Salutation
 3. Affiliation
 4. Position
 5. E-mail
 6. Fields of interest: D-0, D-1, D-2, D-3, D-4, D-5
D-0: Fundamental Plasma Physics (MHD, turbulence, transport, wave-particle interaction)
D-1: Basic Plasma Physics (plasma diagnostics, atomic and molecular processes in plasmas, plasma simulation, complex and non-neutral plasmas, etc.)
D-2: Applied Plasma Physics
D-3: Laser Plasma (including laser wake field acceleration)
D-4: Space Plasma Physics
D-5: Solar & Astro Plasma Physics
7. I am currently a student (Baccalaureate, Master, Doctoral) Yes or No
- AAPPS DPP Secretary aapps.dpp@gmail.com
or inadara@center.las.kyute-u.ac.jp (substitute @ for /)
- II) If you are not the APCC-12 participant:**
Please ask any AAPPS-DPP member for your recommendation and send his/her information to AAPPS-DPP secretary.
Present AAPPS-DPP members are founders of AAPPS-DPP and only one member's record required.
- The member fee is free at this moment!
For your registration, please use the following form.

DPP endorsed conferences

- AAPPS-DPP Meetings**
- The 12th Asia Pacific Plasma Theory Conference**
1-4 July, 2014, Jeju Island, Korea
Host : 12th APPTC Organizing Committee
Co-sponsor: AAPPS-DPP
Topics: Visit following page <http://plasma.ee.pusan.ac.kr/apptc2014/index2.html>
- 4th Asia-Pacific Transport Working Group (APTWG) conference**
10-13 June 2014, Kasuga, Japan
Host : APTWG2014 Organizing Committee
Co-sponsor: AAPPS-DPP
Topics: Visit following page <http://aptwg2014.nifs.ac.jp/>
- 8th International West Lake symposium**
April 21-25, 2014 at Hangzhou, China
Host : Institute for Fusion Theory and Simulation, Zhejiang University
Co-sponsor: AAPPS-DPP
Topics : Novel Radiation Sources, Advanced Particle Accelerators, Laser-Driven Radiation Reaction Effects, Computational Plasma Physics, Laser-Plasma Applications

AAPPS Meetings

The 13th Asia-Pacific Physics Conference will be held in Brisbane in December 2016, in con 2016 AIP Congress

Upcoming meetings

| Home | Meetings in 2014-2015 | AAPPS-DPP info |
|------------------|-----------------------|---|
| June 15-17, 2014 | Shanghai, China | The 8th International West Lake symposium |
| July 1-4, 2014 | Jeju Island, Korea | Important Conference on Quantum Algorithms and Methods for Plasma Physics |
| July 15-18, 2014 | Shanghai, China | International Conference on Plasma Physics and Technology (ICPP) |
| Aug 18-21, 2014 | Shanghai, China | 12th Asia-Pacific Transport Working Group (APTWG) conference |
| Oct 13-17, 2014 | Shanghai, China | The 12th Asia-Pacific Transport Working Group (APTWG) conference |
| Nov 17-21, 2014 | Shanghai, China | The 12th Asia-Pacific Transport Working Group (APTWG) conference |
| Dec 15-17, 2014 | Shanghai, China | The 12th Asia-Pacific Transport Working Group (APTWG) conference |
| Jan 18-22, 2015 | Shanghai, China | The 12th Asia-Pacific Transport Working Group (APTWG) conference |
| Feb 18-22, 2015 | Shanghai, China | The 12th Asia-Pacific Transport Working Group (APTWG) conference |
| Mar 18-22, 2015 | Shanghai, China | The 12th Asia-Pacific Transport Working Group (APTWG) conference |
| Apr 18-22, 2015 | Shanghai, China | The 12th Asia-Pacific Transport Working Group (APTWG) conference |
| May 18-22, 2015 | Shanghai, China | The 12th Asia-Pacific Transport Working Group (APTWG) conference |
| Jun 18-22, 2015 | Shanghai, China | The 12th Asia-Pacific Transport Working Group (APTWG) conference |
| Jul 18-22, 2015 | Shanghai, China | The 12th Asia-Pacific Transport Working Group (APTWG) conference |
| Aug 18-22, 2015 | Shanghai, China | The 12th Asia-Pacific Transport Working Group (APTWG) conference |
| Sep 18-22, 2015 | Shanghai, China | The 12th Asia-Pacific Transport Working Group (APTWG) conference |
| Oct 18-22, 2015 | Shanghai, China | The 12th Asia-Pacific Transport Working Group (APTWG) conference |
| Nov 18-22, 2015 | Shanghai, China | The 12th Asia-Pacific Transport Working Group (APTWG) conference |
| Dec 18-22, 2015 | Shanghai, China | The 12th Asia-Pacific Transport Working Group (APTWG) conference |