

**36th (Extended) AAPPS Council Meeting,
Kuala Lumpur, Bangsar Hotel, Dec. 2-3, 2017**



Report on Division of Plasma Physics, AAPPS

Mitsuru Kikuchi, AAPPS-DPP chair

Evening Session 2, September 19, 2017
Jinni Hotel, Chengdu



Division of Plasma Physics

- Established 2014 (AAPPS council)**
- S. Chandrasekhar Prize**
 - 2014 : Setsuo Ichimaru**
 - 2015 : Predhiman Kaw**
 - 2016 : Don Melrose**
 - 2017 : CZ. Cheng and Lou C. Lee**
- DPP Young research Award**
- 1st Asia-Pacific Conference on Plasma Physics (annual conference) 2017**

DPP cooperation with APS and EPS



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

700 participants

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

1500 participants

Alfven prize

Maxwell prize

**With EPS:
2016PC: M. Kikuchi
2017PC: K. Ida
2018PC: JS Yoon**

AAPPS-DPP

500 participants

**With APS:
2018PC: M. Kikuchi**

Chandrasekhar prize

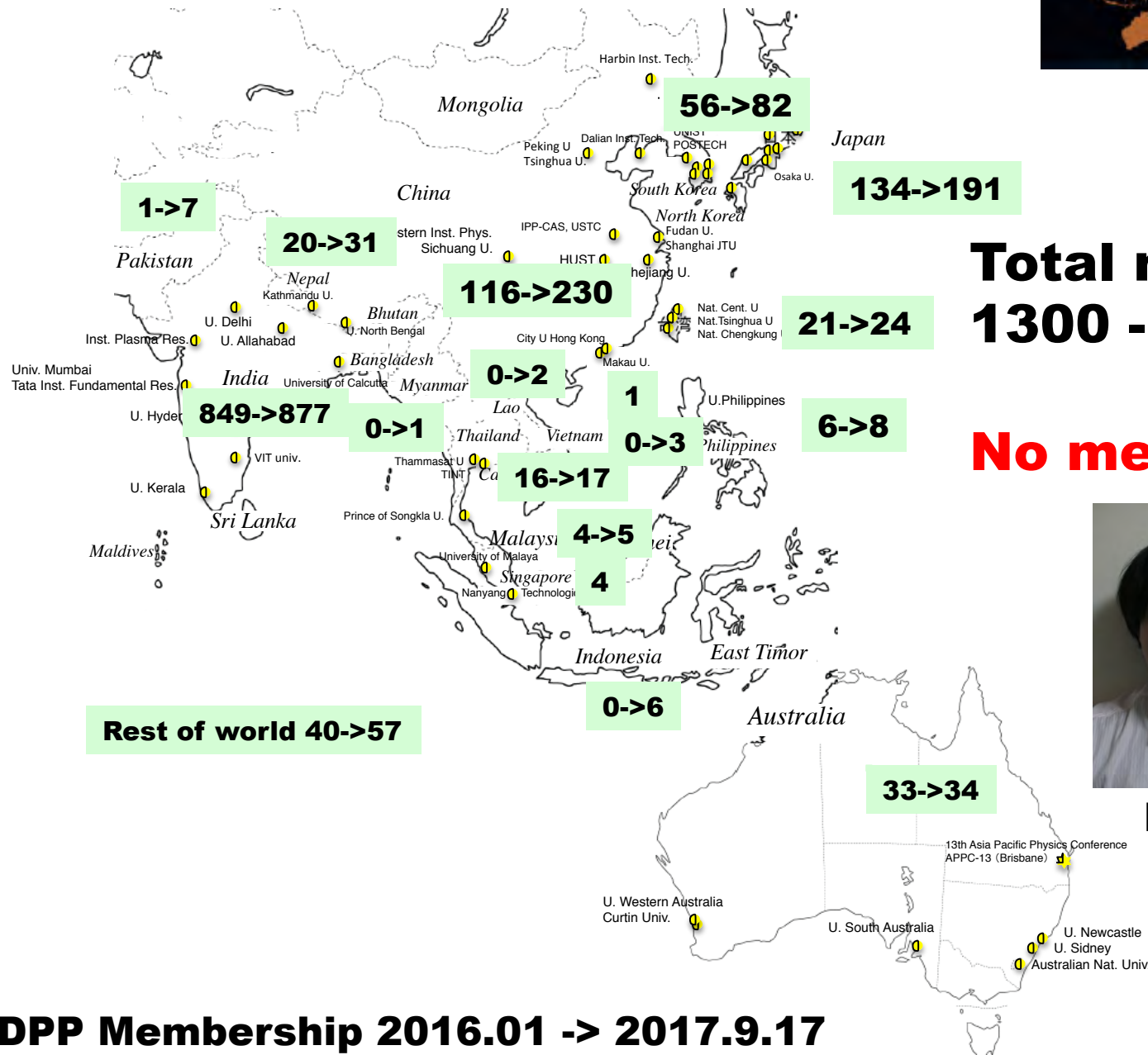
**EPS-DPP Innovation award
PhD Research Award
Kyushu University Itoh Project Prize
Landau-Spitzer Award (APS-EPS)**

PPCF Dendy Europe-Asia-Pacific award

**J. Dawson Award for Excellence in Plasma Physics Res.
T.H. Stix Award for outstanding Early career –
M.N. Rosenbluth outstanding Doctoral Thesis Award
K.E. Weimer award for Woman in Plasma Science
APS DPP Fellowship**

Landau-Spitzer Award (APS-EPS)

Membership distribution



**Total member
1300 -> 1600**

No membership fee



DPP: K. Imadera

New Zealand

DPP Membership 2016.01 -> 2017.9.17



1st Asia-Pacific Conference on Plasma Physics
首届亚太等离子体物理大会

Programme

September 18-23, 2017

 ChengDu China 中国 成都



Organized by AAPPS-DPP

Hosted by SWIP

(LOC chair: Y. Liu)

IOC chair: Liu Chen

General PC chair: M. Kikuchi

Fundamental chair: TS Hahm

Basic chair: A. Sen

Applied chair: M. Shiratani

Laser chair: ZM Sheng

Space chair: Lou C. Lee

Solar/Astro chair: K. Shibata

Magnetic F. chair: B. Wan



AAPPS-DPP held 1st Annual Conference in September 2017



**Public Lecture by Prof. Shibata on solar flare.
Translation by Prof. PF Chen**



Chandrasekhar Prize 2017

Conference dinner



DPP young research award 2017

AAPPS-DPP held 1st Annual Conference in September 2017



Group photos of AAPPS-DPP 2017



MOST

AAPPS

APCTP

AAPPS-DPP held 1st Annual Conference in September 2017



Participants

China : 250

Japan : 80

Korea: 30

India : 30

EU : 30

US : 30

ROW: 50

US



Hui Li



B. Tsurutani



D. Baker

G. Tynan

Sunkara

Yutong Li

Min Xu

EU



M. Bonitz



Campbell



Miquel

Hosokai



Omura

KR/IN



Kim



Park



Souradeep



A. Sen



Y. Liu

TW/CN



LC Lee



CZ Cheng



T. Chiueh



PF Chen



HC Wu

CN



J. Li



XT He



ZM Sheng



Duan



B. Wang

JP



Shibata



Shinohara



Inagaki



Ikehara



Kusano



Nishida



Watanabe



Hayashi



Y. Ono



Akatsuka
Osakabe

Invited



Yap (MIP)

AAPPS-DPP 2017 Program Overview



1st Asia-Pacific Conference on Plasma Physics

Plenary (30minutes), Invited (30-25minutes), Oral (15 minutes), Public Lectures (60min)

Monday (2017.09.18)	Tuesday (09.19)	Wednesday (09.20)	Thursday (09.21)	Friday (09.22)
7:00~: Breakfast/ Registration	7:00~: Breakfast/ Registration	7:00~: Breakfast/ Registration	7:00~: Breakfast/ Registration	7:00~: Breakfast/ Registration
8:00: Opening Session	Plenary 2 [Jiangang Li]	Yu memorial [Hua Li]	Plenary 6 [Won Namkung]	Plenary 8 [P. Diamond]
	8:00-8:30: P4 D. Campbell	8:00-8:30:P11 B. Wan	8:00-8:30: P18 H. Park	8:00-8:30:P25 M. Osakabe
	8:30: P5 T. Watanabe	8:30-9:00: P12 Y. Ono	8:30-9:00: P19 M. Bonitz	8:30-9:00: P26 S. Inagaki
	9:00: P6 K. Kusano	9:00-9:30: P13 JL. Miquel	9:00-9:30:P20 B. Tsurutani	9:00-9:30: P27 YX. Liu
9:30-10:00: Photo Break	9:30: P7 HT. Kim	9:30-10:00: P14 Hui Li	9:30-10:00:P21 T. Hosokai	9:30-10:00: P28 T. Chieuh
Kaw memorial [Liu Chen]	10:00: Coffee Break	10:00-10:30: Coffee Break	10:00-10:30: Coffee Break	10:00-10:30: Coffee Break
10:00-10:30: P1 X.T. He	Plenary 3 [R. Matsumoto]	Plenary 5 [M. Shiratani]	Plenary 7 [Don Melrose]	Plenary 9 [T. Hoang]
10:30-11:00: P2-1 L.C. Lee	10:30: P8 K. Shibata	10:30-11:00:P15 H. Hayashi	10:30-11:00: P22 T. Souradeep	10:30-11:00: P29 X. Duan
11:00-11:30: P2-2 C.Z. Cheng	11:00: P9 D. Baker	11:00-11:30:P16 M. Sunkara	11:00-11:30: P23 H.C. Wu	11:00-11:30: P30 Y. Li
11:30-12:00: P3 A. Nishida	11:30: P10 Y. Ikehara	11:30-12:00:P17 S. Shinohara	11:30-12:00: P24 G. Tynan	11:30-12:00: P31 H. Qin
12:00-14:00 Lunch &Poster 1	12:00-14:00 Lunch &Poster 1	12:00-14:00 Lunch &Poster 2	12:00-14:00 Lunch &Poster2	12:00-12:30:P32 H. Akatsuka 12:30-13:30 Lunch
14:00-16:00 F I [P. Diamond]	14:00-16:00: F III [T. Chieuh]	14:00-16:00: F V [G. Tynan]	14:00-16:00: F VII [D. Escande]	Plenary(Summary)[S. Sengupta]
14:00-16:00 B I [A. Sen]	14:00-16:00: BIII [H.Akatsuka]	14:00-16:00: B V [Lin I]	14:00-16:00: B VII [M. Bonitz]	13:30-14:00: Fundamental M. Xu
14:00-16:00 A I [M.Hiramatsu]	14:00-16:00: A III [RS Rawat]	14:00-16:00: A V [YX Liu]	14:00-16:00: A VII [H. Toyoda]	14:00-14:30: Basic A. Sen
14:00-16:00 L I [ZM Sheng]	14:00-16:00: L III [CH Nam]	14:00-16:00: L V [M. Murakami]	14:00-16:00: L VII [Ke Lan]	14:30-15:00:Applied M. Shiratani
14:00-16:00 S I [J. Buchner]	14:00-16:00: S III [Y. Omura]	14:00-16:00: S V [M. Mauel]	14:00-16:00: S VII [B. Tsurutani]	15:00-15:30: Laser ZM Sheng
14:00-16:00 SA I [K. Shibata]	14:00-16:00: SA III [G. Choe]	14:00-16:00: SA V [D. Melrose]	14:00-16:00: SA VII [R.Yamazaki]	
14:00-16:05MFI-1[M. Kikuchi]	14:00-16:00:MFIII-1[AM Garofalo]	14:00-16:00: MF V-1 [H. Park]	14:00-16:00: MF VII-1 [J.Q. Li]	15:30-16:00: Coffee Break
14:00-16:05 MF I-2 [M. Xu]	14:00-16:00: MF III-2 [GS Xu]	14:00-16:00: MF V-2 [K. Ida]	14:00-16:00: MF VII-2 [Y. Liang]	Plenary(Summary) [M. Kikuchi]
	14:00-16:00: MF III-3 [M. Hole]	14:00-16:00:MFV-3[A.Kirschner]	14:00-16:00: MF VII-3 [JQ Dong]	16:00-16:30: Space Y. Omura
16:00-16:30: Coffee Break	16:00-16:30: Coffee Break	16:00-16:30: Coffee Break	16:00-16:30: Coffee Break	16:00-17:00: S/A P. F Chen 17:00-17:30: MF Jiangang Li
16:30-18:30: F II [T.Watanabe]	16:30-18:30: F IV [Lu Wang]	16:30-18:30: F VI [J. Cho]	16:30-18:30: F VIII [H. Sugama]	
16:30-18:30: B II [C.S. Liu]	16:30-18:30:BIV [S. Shinohara]	16:30-18:30: B VI [Z. Wang]	16:30-18:30: B VIII [F. Doveil]	Closing Session
16:30-18:30: A II [JS Oh]	16:30-18:30: A IV [T. Kaneko]	16:30-18:30:AVI [I.P. Ganachev]	16:30-18:30: A VIII [K. Sasaki]	17:30-18:00: MK&LC
16:30-18:30: L II [MS Hur]	16:30-18:30: LIV [H. Kiriya]	16:30-18:30: LVI [D. Batani]	16:30-18:30: L VIII [H. Zhuo]	
16:30-18:30: S II [Q.M. Lu]	16:30-18:30: S IV [Q. Zong]	16:30-18:30: S VI [S.Zenitani]	No space session	
16:30-18:30:SAII[R.Matsumoto]	16:30-18:30: SA IV [L. Wang]	16:30-18:30: SA VI [J. Lin]	16:30-18:30: SA VIII [PF Chen]	In-depth discussion
16:30-18:30:MFII-1[ZX Wang]	16:30-18:30: MF IV-1 [G. Tynan]	16:30-18:30: MF VI-1 [D. Li]	16:30-18:30: MF VIII-1 [W. Xiao]	
16:30-18:30: MF II-2 [YK Oh]	16:30-18:30: MF IV-2 [M. Kim]	16:30-18:30: MF VI-2 [R. Pitts]	16:30-18:30:MFVIII-2 [G. Zhuang]	
	16:30-18:30: MF IV-3 [Y. Liu]	16:30-18:30: MF VI-3 [X. Sun]	16:30-18:30:MFVIII-3 [J. Weiland]	
	18:30-19:30: diner time	18:30-19:30: diner time		
19:00-21:00: Reception	18:40-19:40: EV-1 (S1) [Yong Liu]	18:40-19:40: EV-2 (S1)	19:30-22:00: Conference Dinner	
	Luo Delong	M. Kikuchi, B. Wan	(Award intro.)	

New Executive committee (**decision body** 2017-2020)



M. Kikuchi
Chair



B. Wan
Chair Elect



Z. Yoshida
Fundamental



SH Chen
Basic



JS Yoon
Applied



Amita Das
Laser



XH Deng
Space



R. Matsumoto
Solar/astro



X. Duan
Mag. Fusion



Y. Uesugi
DPP 2018



RS Rawat
APPC-14



M. Shiratani
Budget



M. Hole
C. Secretary



H. Nagai
HP secretary



Y. Liu
Secretary

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

FF Chen

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

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

Organized by AAPPS-DPP (<http://aappsdp.org/AAPPSDPPF/>)

Dates: 12 (Mon)-17(Sat) November 2018

Venue: Ishikawa Prefectural Bunkyo Hall & The Kanazawa Chamber of Commerce and Industry Hall, Kanazawa, Japan

Topics of AAPPS-DPP 2018

- | | |
|-----------------------------|--------------------------------|
| 1. Cross disciplinary (CDI) | 2. Fundamental plasma (F) |
| 3. Basic Plasma (B) | 4. Applied Plasma (A) |
| 5. Laser Plasma (L) | 6. Space & Geomag Plasma (S) |
| 7. Solar/Astro Plasma (SA) | 8. Magnetic Fusion Plasma (MF) |

AAPPS-DPP 2018 is annual conference held by the AAPPS-DPP. First conference was held at Chengdu in September 2017. The conference covers all field of plasma physics and its applications. Call for nomination of plenary and invited and contributed talks will be announced at AAPPS-DPP Homepage. 2018 S. Chandrasekhar Prize Laureate will give plenary and AAPPS-DPP young research award recipients will be selected among participants. AAPPS-DPP also certifies the poster prize for significant works and presentations.

Endorsed by

Division of plasma physics – APS (I.h.c.)
Division of plasma physics – EPS (I.h.c.)
Physical society of Japan (I.h.c.)
Division of plasma physics – CPS
Division of plasma physics – KPS
Plasma Science Society of India
Nuclear Fusion and Plasma Physics – CNS
Asian African Association on Plasma Training
Australian ITER Forum
Astronomical society of Japan
The Society of Geomagnetism and Earth, Planetary and Space Sciences (SGEPSS)
Laser society of Japan
Division of plasma electronics, JSAP
The Japan Society of Plasma Science and Nuclear Fusion Research (USPF)

Sponsored by

Asia Pacific Center for Theoretical Physics (I.h.c.)



Kenroku-en



Kanazawa castle



Kenrokuen



Oumi market



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., RMPP journal**
- **2018: 2nd AAPPS-DPP conf., Kanazawa, Japan
Nov. 12-17**
- **2019: APPC-14 (Sarawaku, Malaysia)**
- **2020: 3rd AAPPS-DPP conf.**
- **2021: 4th AAPPS-DPP conf.**
- **2022: APPC-15 (?)**

Next year to KANAZAWA!