



Preliminary Announcement on 4th Asia-Pacific Conference on Plasma Physics (AAPPS-DPP2020) <http://aappsdp.org/DPP2020/index.html>

Revised Feb. 5, 2020

October 26-30, 2020, Sejong convention center, Seoul, Korea

Organized by AAPPS-DPP and Hosted by NFRI

AAPPS-DPP held 1st Asia-Pacific Conference on Plasma Physics (AAPPS-DPP2017) during 18-23, September 2017 in Chengdu, China (<http://aappsdp.org/DPP2017rogramlatest/index.html>) and the 2nd Asia-Pacific Conference on Plasma Physics (AAPPS-DPP2018) during 12-17, November 2018 in Kanazawa, Japan (<http://aappsdp.org/DPP2018/index.html>), and the 3rd Asia-Pacific Conference on Plasma Physics (AAPPS-DPP2019) during 4-10, November 2019 in Hefei, China successfully. AAPPS-DPP will have 4th annual conference in Jeju. This conference is the annual plasma physics conference in Asia-Pacific region, similar to the APS-DPP and EPS-DPP conferences on plasma physics.

[1] Scope of the AAPPS-DPP2020:

AAPPS-DPP2020 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.

[2] **Date:** October 26(Monday) -30(Friday), 2020

[3] **Conference Venue:** Sejong convention center, Seoul, Korea <http://convention.sejong.ac.kr/main.do>

[4] **Organization:** AAPPS-DPP (<http://aappsdp.org/AAPPSDPP/>) is organizing body of this conference.

[5] International Organizing Committee (IOC)

IOC Chair: Won Namkung (KR),

IOC co-chairs: Baonian Wan (CN), Abhijit Sen (IN), Mitsuru Kikuchi (JP), Suk-Jae Yoo (KR)

IOC members: [next page](#)

[6] Local Organizing Committee (LOC)

LOC Chair: Suk Jae Yoo (KR), **vice chair:** SiWoo Yoon (KR), **LOC members:** tbd

[7] Scientific Program Committee

General PC chair: M. Kikuchi (JP)

Co-chairs: Baonian Wan (CN), A. Sen (IN), YS Hwang (KR)

PC chairs and PC members: tbd

There will be plenary session and parallel sessions from 8 categories; Cross-disciplinary, Fundamental, Basic, Applied, Laser, Space and Geomagnetism, Solar and Astro, and Magnetic Fusion plasmas.

[8] Basic Structure of Scientific Program

Conference will run from Monday (26 Oct.) to Friday (30 Oct.). Morning sessions will be plenary session (no parallel session) in principle which may include ~42 plenaries (30 minutes). Afternoon session will be dedicated for parallel sessions. Number of invited speakers (25 minutes) is ~ 250 for above 7 fields. Number of orals (15 minutes) will be ~250. Posters up to 300 are welcomed.

[9] Prize and Award

In this conference, S. Chandrasekhar Prize, Plasma Innovation Prize, U40, U30, and poster prize will be awarded.

[10] Important dates

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| 1. Nomination of plenary and invited speakers | : December 1 to March 31 |
| Nomination site is open at https://www.gakkai-web.net/gakkai/aappsdp nm/ | |
| 2. Notification of plenary and invited speakers | : Late April |
| 3. Submission of contributed presentation | : April 1 to May 30 |
| 4. Notification of acceptance of contributed presentation | : End of June |

AAPPS-DPP award schedule:

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| 1. Nomination of 2020 S. Chandrasekhar Prize | : January 10 to March 20 |
| 2. Nomination of 2020 Plasma Innovation Prize | : January 10 to March 20 |
| 3. Nomination of DPP young research award | : April 1 to May 30 |
| 4. Nomination of U30 award | : April 1 to May 30 |



International Organizing committee

IOC chair: Won Namkung(KR)

IOC Co-chairs: Baonian Wan (CN), Abhijit Sen (IN), Mitsuru Kikuchi (JP), Suk Jae Yoo (KR)

Endorsed/ recognizing societies:Ellen Zweibel(APS-DPP), Richard Dendy (EPS-DPP),Ge Zhuang(CPS-DPP), Takaaki Fujita(JPS-plasma), Dong-o JEON(KPS-DPP), Prabal K. Chattopadhyay (PSSI), Masayuki Umemura (ASJ), Yipeng Jing (CAS), GC Anupama (ASI), Yasuharu Omura (SGEPSS), Ji Wu (CSSR),Kazuo Kyuma (LSJ), Jie Zhang (CPS-DHEDP), Mineo Hiramatsu(JSAP-DPE), Jing Zhang (CMS-DPP), Masahiro Mori(JSPF), Rajdeep S. Rawat(AAAPT), Matthew J. Hole (Australian ITER Forum)

Fundamental:Akira Hasegawa (JP), Liu Chen (CN), R.L. Dewar (ANU), Zensho Yoshida (JP), TS Hahm (KR), Hideo Sugama (JP), Akihide Fujisawa (JP), Yasushi Ono (JP), Guoyang Fu (CN), Shaojie Wang (CN), Patrick Diamond (CNUS), Avinash Khare (IN), Fulvio Zonca (IT), Dominique Escande (FR), Xavier Garbet (FR), George Tynan(US), James Drake (US), Chuan Sheng Liu (US), Ding Li (CN), Lu Wang (CN) Basic: Rajaraman Ganesh (IN), Shin-Hung Chen (TW), Lin I (TW), A A Mamun (BG), Michel Bonitz (DE), Giovanni Manfredi (FR), Amar Misra (IN), Osamu Ishihara (JP), Guru Ganguli (US), Troy Carter (US), Gunsu Yun (KR), Mike Mauel (US), Cary Forrest (US), Shunjiro Shinohara (JP), Hiroshi Akatsuka (JP), Yaming Zou (CN), Kwo Ray Chu (TW), Chiow-San Wong (MY), Yoshiharu Uesugi (JP), Tomohiko Watanabe (JP), Choong-Seock Chang (US), Kenji Tanaka (JP), Igor Levchenko (SG), Katia Bazaka (AU),

Applied:Wonho Choe (KR), Yi-Kang Pu (CN), Masaharu Shiratani (JP), Roderick Boswell (AU), Jung-Sik Yoon (KR), Ashish Gangul (IN), Bong Geun Hong (KR), Eun Ha Choi (KR), Rikizo Hatakeyama (JP), Francis F. Chen (US), Masaru Hori (JP), Michael Keidar (US), Felipe Iza (UK), Anthony Murphy (AU), Eric Johnson (FR), Heping Li (CN), Takayuki Watanabe (JP), Jinxiu Ma (CN), Sudeep Bhattacharjee (IN), Sudhir Kumar Nema (IN), Deepak Prasad Subedi (NP), Paul Kim Ho Chu (HK), Chin Oi Hoong(MY),

Laser:Xian Tu He (CN), Zheng Ming Sheng (CN), Yutong Li (CN), Wei Lu (CN), Ke Lan(CN), Baifei Shen (CN), Jian Zheng (CN), Kunioki Mima (JP), Ryosuke Kodama (JP), Youichi Sakawa (JP), Masakatsu Murakami(JP), Hiroyuki Shiraga (JP), Hitoki Yoneda (JP), Tetsuya Kawachi (JP), Yoshiaki Kato (JP), G. Ravindra Kumar (IN), M. Krishnamurthy (IN), Sudip Sengupta (IN), Amita Das (IN), Chang Hee Nam (KR), Hyyong Suk (KR), Heinrich Hora (AU), Toshiaki Tajima (US), E. Michael Campbell (US), Sylvie Jacquemot (EU), Michel Koenig(FR), Robert Bingham (UK), Sergei Bulanov (EU), Vladimir Tikhonchuk (FR), Hideaki Takabe (DE), Kazuo Tanaka (RO), Chan Joshi (US)

Space/Geomag:Toru Hada (JP), Xiaohua Deng (CN), Bruce Tsurutani (US), Xiaogang Wang (CN), Zuyin Pu (CN), Chuanyi Tu (CN), Lou-Chuang Lee (TW), Lin Ni Hau (TW), Chio Zong Cheng (TW), Bimla Buti (IN), Gurbax Lakhina (IN), Iver Cairns (AU), Dong-Hun Lee (KR), Dae-Young Lee (KR), Masahiro Hoshino (JP), Ryouichi Fujii (JP), Daniel Baker (US), Peter Yoon (US), Yu Lin (US), Fouad Sahraoui (FR), Akira Kageyama (JP), David Hughes (UK),

Solar/Astro:Kazunari Shibata (JP), Ryoji Matsumoto (JP), Peng-Fei Chen (CN), Dongsu Ryu (KR), Jungyeon Cho (KR), Jongchul Chae (KR), Jingxiu Wang (CN), Jinlin Han (CN), Feng Yuan (CN), Arnab Rai Chaudhuri (IN), Vinod Krishan (IN), Dipankar Banerjee (IN), Kanya Kusano (JP), Shu-ichiro Inutsuka (JP), Don Melrose (AU), Geoffrey Bicknell (AU), Rony Keppens (DE), Joerg Buechner (DE), Hantao Ji (US), Hui Li (US), Magnetic Fusion:Min Xu (CN), Siwoo Yoon (KR), Tomohiro Morisaki (JP), Xuru Duan (CN), Jiangang Li (CN), Xianzu Gong (CN), Jiaqi Dong (CN), Guosheng Xu(CN), Zhe Gao (CN), Hiroshi Yamada (JP), Katsumi Ida (JP), Yutaka Kamada (JP), Yasuaki Kishimoto (JP), Akio Komori (JP), Yongseok Hwang(KR), Yongkyoon In (KR), Hyeon Park (KR), Yong-Su Na (KR), Shashank Chaturvedi (IN), Anthony Donne (EU), Sibylle Guenter (DE), Hartmut Zohm (DE), Alain Becoulet (EU), Ian Chapman (UK), Joaquin Sanchez (ES), Piero Martin (IT), Ambrogio Fasoli (CH), Tony Taylor (US), Francois Waelbloec (US), Dennis Whyte (US), Richard Hawryluk (US), Alberto Loarte (ITER), Tim Luce(ITER), Yuanxi Wan(CN), Jiangang Li (CN)

Scientific Program committee

General PC chair: M. Kikuchi, Co-chairs: Baonian Wan (CN), A. Sen (IN), YS Hwang (KR)

CD (Cross-disciplinary(reconnection): Yasushi Ono, Univ. Tokyo (JP, Chair), Jiayong Zhong, BNU(CN, Vice chair), Hyeon Park, UNIST (KR, Vice chair),H. Ji, Princeton University (CN, US, APS),Jörg Büchner, Berlin Inst. of Technology (DE), Toshifumi Shimizu, ISAS-Hinode (JP), Michael Hesse, Univ. Bergen (NO), Ritoku Horiuchi, NIFS (JP)

F (Fundamental):Patrick Diamond, SWIP/UCSD (CN/US, Co-chair), Taik Soo Hahm, SNU (KR, Co-chair) Summary, Zensho Yoshida, Univ. Tokyo (JP, Vice-chair), Amita Das, IITD (IN), Jungyeon Cho, Chungnam National Univ. (KR), Hui Li, Los Alamos National Lab. (US), JM. Kwon, NFRI (KR), Lu Wang, HUST (CN), Zhibin Guo, Peking Univ. (CN), Yusuke Kosuga, Kyushu Univ. (JP), Peter Manz, Max Planck IPP (DE) tbc.

B (Basic):Rajaraman Ganesh, IPR, (IN, Chair), Shih-Hung Chen, NCU, (TW, Vice chair), Gunsu Yun, POSTECH, (KR, Vice chair), Shinjae You, (KR), Tomo-Hiko Watanabe, Nagoya U. (JP), Sudeep Bhattacharjee, (IN), Yan Feng, (CN), Shunjiro Shinohara, (JP), Hae-june Lee, (KR), Zhihong Lin, UC Urbine, (US), Giovanni Manfredi, (EU), Yaming Zou, Fudan U., (CN), Michael Bonitz, (DE), Gurudas Ganguli, (US)

A (Applied):Wonho Choe, KAIST (KR, Chair), Masaharu Shiratani, Kyushu Univ. (JP, Vice chair), J.J. Shi, Donghua Univ. (CN, Vice chair), Jung Sik Yoon, NFRI (KR, Vice chair), Aryasomayajula Subrahmanyam, IIT (IN, Vice chair), Tomohiro Nozaki, TITECH (JP) , Yuan-Hong Song, DUT (CN) , Tony Murphy, CSIRO (AU) , Yevgeny Raitses, PPPL (US) , Uros Cvelvar, JSI (SI)

L (Laser):Yutong Li, IOP, CAS, (CN, Chair), M. Krishnamurthy, TIFR (IN, Vice-chair), Youichi Sakawa, Osaka Univ. (JP, Vice-chair), Chang Hee Nam, GIST, (KR, Vice-chair), K. Mima, GPI (JP), ZM Sheng, SJTU (CN), Hyyong Suk, GIST (KR) , Jian Zheng, USTC (CN), Yongtao Zhao, XJTU (CN) , Ke Lan, IAPCM (CN), Yuji Fukuda, QST (JP), Kitae Lee, KAERI (KR) , Sudip Sengupta, IPR (IN), Michel Koenig, LULI (FR), Chikang Li, MIT (US), Stefan Weber, ELI (CZ), Wei Lu, Peking Univ. (CN), Bing Qiao, PKU, (CN), Yoshitaka Mori, GPI, (JP)

SG (Space/ Geomagnetism):Tohru Hada, Kyushu Univ. (JP, Chair), Bruce Tsurutani, Pasadena Research Associates (US, Co-chair), Xiaohua Deng, Nanchan Univ. (CN, Co-chair), Abraham Chian, Univ. Adelaide (AU), Masahiro Hoshino, Univ. Tokyo (JP), Gurbax Lakhina, Indian Inst Geomagnetism (IN), Dong-Hun Lee, Kyung Hee Univ. (KR), QuanMing Lu, USTC (CN), Zhou Meng, Nanchan Univ. (CN), Yoshiharu Omura, Kyoto Univ. (JP), Peter Yoon, Univ. Maryland (US)

SA (Solar/Astro):P. F. Chen, Nanjing Univ. (CN, Chair), Ryoji Matsumoto, Chiba Univ. (JP, Vice chair), J. Chae, National Seoul Univ. (KR, Vice chair), Patrick Antolin, Northumbria Univ. (UK), Jungyeon Cho, Chungnam National Univ. (KR), Kyungsuk Cho, KASI, (KR), Jinlin Han, NAOC (CN), Shu-ichiro Inutsuka, Nagoya Univ. (JP), Wing-Huen Ip, National Central Univ. (TW), Hantao Ji, Princeton Univ. (US), Rony Keppens, KU Leuven, (DE), Hui Li, Los Alamos National Lab (US), Brigitte Schmieder, Paris Observatory (FR), Durgesh Tripathi, IUCCA (IN) , Takaaki Yokoyama, Univ. Tokyo (JP), Feng Yuan, Shanghai Astronomical Observatory (CN)

MF (Magnetic Fusion): Min Xu, SWIP, (CN, Chair),SiWoo Yoon, NFRI, (KR, Vice chair), Liang Wang, ASIPP, (CN, Vice chair), Kazunobu Nagasaki, Kyoto Univ., (JP, Vice chair), MF pc members tbd.