

APSPM-2017 Meeting

7 November(Tuesday)

Chair	Time	Presenter	Title	
	9:00		Registration	
	9:30-9:45	Kazunari Shibata	Opening	
Session1: Progress on instrumentation and future plans				
Takashi Sakurai	9:45-10:10	Thomas Rimmele invited O1_001I	Progress and perspective of the DKIST	
	10:10-10:25	Kiyoshi Ichimoto contributed O1_002	Progress in Solar Observing Instrumentation at Hida Observatory	
	10:25-10:40	Stanislav Gunar contributed O1_003	Quiescent Prominences in the Era of ALMA: Kinetic Temperature Diagnostics	
	10:40-10:55		Coffee break	
Session1: Progress on instrumentation and future plans				
Wenda Cao	10:55-11:20	Kyungsuk CHO invited O1_004I	Toward Next Generation Coronagraph: Development of Compact Diagnostic Coronagraph on ISS	
	11:20-11:45	Weiqun Gan invited O1_005I	Advanced Space-based Solar Observatory: Progress and Prospect	
	11:45-12:00	Hui Li contributed O1_006	The Lyman-alpha Solar Telescope (LST): Status and Update	
	12:00-12:15	Carlos Quintero Noda contributed O1_007	Chromospheric polarimetry through multi-line observations of the 770 and 850 nm spectral regions	
	12:15-12:30	Haosheng Lin contributed O1_008	Instrumentation for Solar Physics from Cubesat and Small Satellites	
	12:30-14:00		Lunch	
Session1: Progress on instrumentation and future plans				
Yoshinori Suematsu	14:00-14:25	Dipankar Banerjee invited O1_009I	Science with India's space mission Aditya L1	
	Session2: MHD processes in photosphere, chromosphere and corona			
	14:25-15:00	Shadia Habbal keynote O2_010K	plasma physics in corona and solar wind	
	15:00-15:15	Paul Cally contributed O2_011	Hidden Alfvénic Energy in the Solar Atmosphere	
	15:15-15:30	Elena Kupriyanova contributed O2_012	A role of the co-phased quasi-periodic pulsations in the energy release of the weak solar flare	
	15:30-16:45		Poster & Coffee break	
Session2: MHD processes in photosphere, chromosphere and corona				
Jongchul Chae	16:45-17:10	Shin TORIUMI invited O2_013I	Physical Processes of Flux Emergence and Active Region Formation	
	17:10-17:25	Hui Tian contributed O2_015	Two types of surge-like activities above sunspot light bridges	
	17:25-17:40	Shahin Jafarzadeh contributed O2_016	Slender Ca II H Fibrils in the Low Solar Chromosphere	
	17:40-17:55	Kumi Hirose contributed O2_017	Statistical study of small blue shifted events	

8 November(Wednesday)

Chair	Time	Presenter	Title	
Session4: Solar interior and activity cycle of the Sun and stars				
Arnab R. Choudhuri	9:30-10:05	Yasuo Takeuchi keynote O4_020K	Solar neutrino measurements at Super-Kamiokande	
	10:05-10:30	Hideyuki Hotta invited O4_021I	Recent development of solar dynamo model	
	10:30-10:45	Sarah Jabbari contributed O4_047	Formation of dynamo-driven bipolar magnetic spots in stratified turbulence	
	10:45-11:00		Coffee Break	
Session2: MHD processes in photosphere, chromosphere and corona				
Chia-Hsien Lin	11:00-11:35	Mark Cheung keynote O2_018K	Using Radiative MHD Simulations and SDO/AIA to Study the Thermal Structure and Evolution of Solar Flares	
	Session3: Flare, ejection and space weather			
	11:35-12:00	Piyali Chatterjee invited O3_022I	Modeling Repeatedly Flaring δ Sunspots	
	12:00-12:15	Mingde Ding contributed O3_023	Spectral features of an X-shaped flare as implications for energy release and dynamics in the flare atmosphere	
	12:15-14:00		Lunch	
Session3: Flare, ejection and space weather				
Kiyoshi Ichimoto	14:00-14:35	Haimin Wang keynote O3_024K	High Resolution Flare Observations with the 1.6 m NST at BBSO	
	14:35-14:50	Akiko Tei contributed O3_025	Blue asymmetry of the chromospheric Mg II lines in a solar flare	
	14:50-15:05	Yu-Lun Liou contributed O3_026	Analysis of Hard X-ray and Microwave Observations with Fokker-Planck Model in Solar Flares	
	15:05-15:20	Yuri Litvinenko contributed O3_027	Models of diffusive and nondiffusive transport of solar energetic particles	
	15:20-15:35	David Tsiklauri contributed O3_028	Particle-In-Cell, fully kinetic scale modelling of solar radio bursts	
	15:35-16:30		Poster & Coffee Break	
Session3: Flare, ejection and space weather				
Young-deuk Park	16:30-17:05	Nat Gopalswamy keynote O3_029K	CME kinematics and geo effectiveness	
	17:05-17:20	Zigong Xu contributed O3_030	Observations of the CME shocks and the production of SEPs	
	17:20-17:35	Hsiu-Shan Yu contributed O3_031	The dynamic character of the solar wind, and its implications for Solar Probe Plus and Solar Orbiter	
Session1: Progress on instrumentation and future plans				
	17:35-18:00	Toshifumi Shimizu invited O1_032I	Future plans of Japanese space solar missions	

9 November (Thursday)

Chair	Time	Presenter	Title
Session3: Flare, ejection and space weather			
Hiroaki Isobe	9:30-10:05	Kanya Kusano keynote O3_033K	Project for Solar-Telestrial Environment Prediction (PSTEP)
	10:05-10:30	Yong-Jae Moon invited O3_034I	Development of space weather forecast models based on statistics and deep-learning methods
	10:30-10:45	Rok-Soon Kim contributed O3_035	Space weather forecast using background information generated by superposed observations over previous Carrington cycles
	10:45-11:00	Susanta Bisoi contributed O3_036	Evidence of electron cyclotron maser emission at decimetric frequency: First high cadence GMRT observations
	11:00-11:15	Masumi Shimojo contributed O3_037	The First ALMA Observation of a Solar Plasmoid Ejection from an X-Ray Bright Point
	11:15-11:30	Jeongwoo Lee contributed O3_038	Sigmoidal Hot Channel Before Solar Eruptions
	11:30-12:50	Lunch	
Kazunari Shibata	12:50-13:00		APSPM Young Career Award
	13:00-13:40	Pengfei Chen YCA lecture YCA_039	Coronal EIT waves: A story of Twenty Years
	13:40-14:00	Group Photo	
	14:00-17:30	Excursion (Kwasan Observatory)	
	18:30-21:00	Banquet (Ganko Takasegawa Nijoen)	

10 November (Friday)

Chair	Time	Presenter	Title
Session3: Flare, ejection and space weather			
Mingde Ding	9:30-9:55	Daisaku Nogami invited O3_040I	Superflares on solar-type stars
	9:55-10:10	Yuta Notsu contributed O3_041	Spectroscopic observations of solar-type superflare stars
	10:10-10:25	Kosuke Namekata contributed O3_042	Statistical Study of Solar White-light Flares and Comparisons with Superflares on Solar-type Stars
	10:25-10:50	Petr Heinzel contributed O3_043	Continuum emission from solar flares
	10:50-11:05	Break	
Session4: Solar interior and activity cycle of the Sun and stars			
Paul Cally	11:05-11:40	Jie Jiang keynote O4_044K	Flux transport dynamo and solar cycle
	11:40-11:55	Gopal Hazra contributed O4_045	A theoretical model of the variation of the meridional circulation with the solar cycle
	11:55-12:10	Chia-Hsien Lin contributed O4_046	Probing magnetic fields in the solar convection zone with solar-cycle variations of meridional flows
	12:10-13:30	Lunch	
Session2: MHD processes in photosphere, chromosphere and corona			
Ayumi Asai	13:30-13:55	Tetsuya MAGARA invited O2_019I	Flux-Emergence Model for the Characterization of Solar Active Regions
	13:55-14:10	Takaaki Yokoyama contributed O2_048	ALMA observations of the solar chromosphere on the polar limb
	14:10-14:35	Dean-Yi Chou invited O4_049I	Interaction Between Acoustic Waves and Sunspots
	14:35-15:00	Junwei Zhao invited O4_050I	Studying Solar Interior and Higher Atmosphere using Helioseismic Waves
	15:00-15:15	Arnab Choudhuri contributed O4_051	3D Kinematic Model of the Solar Flux Transport Dynamo
	15:15-15:45	Kiyoshi Ichimoto	Closing Remarks, Award, Remark from SOC-Chair of the 5th APSPM, Closing