

## Poster Papers

*Post sessions would be held at the back of Crystal Ballroom*

### Mass Chain Posters

Poster#	Authors	Title
1a. Origin, evolutions, and Earth impact of coronal mass ejections		
P1	Yong Liu	MIT: A Future Chinese Space Mission (11)
P2	Ewa Chmielewska	Two kinematical classes of ISEST Event List of CMEs observed by SDO/AIA, PROBA2/SWAP, and coronagraphs on board SOHO and STEREO (29)
P3	H Haralambous	Comparison of Formosat-3/COSMIC Electron Density Profiles with IRI During Disturbed Conditions (37)
P4	H Haralambous	Effects of major storm events of the current solar cycle over Europe (46)
P5	Yuan Wang	Interplanetary shock characteristics and their geoeffectiveness (47)
P6	Ran Ao	Features and Shock Type of the Front Boundary Layers in Three Categories of ICMEs (54)
P7	Hongqiang Song	Direct Observations of Magnetic Flux Rope Formation During a Solar Coronal Mass Ejection (68)
P8	Yutian Chi	Observations of interplanetary coronal mass ejections and its geoeffectiveness during 1996-2013 (93)
P9	Huidong Hu	Sun-to-Earth Kinematics of the 2012 July 12 Coronal Mass Ejection
P10	Jianxia Cheng	The mechanisms for the onset and explosive eruptions of three flare associated CMEs (121)
P11	Yuming Wang	Waiting Times of Quasi-homologous Coronal Mass Ejections from Super Active Regions (129)
P12	Quanhao Zhang	A Prominence Eruption Driven by Flux Feeding from Chromospheric Fibrils (141)
P13	Bin Zhuang	The Automatic Recognition and Trace of Coronal Mass Ejections Based on Images (147)

P14	Marek Vandas	Linear force-free toroidal magnetic fields with axial symmetry (179)
P15	Iuliia Zagainova	How do fast pulse CMEs related to powerful flares but unrelated to eruptive filaments appear and move? (197)
P16	Alexei Dmitriev	Anomalous compression of the magnetosphere and its effects in the radiation belts and ionosphere (204)
1b. Origin, evolution, and Earth impact of high speed streams		
P17	Young-Sil Kwak	Dependence of the High-Latitude Lower Thermospheric Wind Vertical Vorticity and Horizontal Divergence on the Interplanetary Magnetic Field (IMF) (2)
P18	YoungSook Lee	Polar summer mesosphere echoes correlated with high speed solar wind streams (5)
P19	Hing-Lan Lam	Two Solar Cycles of Relativistic Electrons, ULF waves, and High Speed Solar Wind Streams (31)
P20	Wenya Li	Global features of Kelvin-Helmholtz wave at the magnetopause for northward IMF (49)
P17	Young-Sil Kwak	Dependence of the High-Latitude Lower Thermospheric Wind Vertical Vorticity and Horizontal Divergence on the Interplanetary Magnetic Field (IMF) (2)
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P20	Wenya Li	Global features of Kelvin-Helmholtz wave at the magnetopause for northward IMF (49)
P21	Shuo Yao	The distribution and formation of the small scale pressure-balanced structures in the fast solar wind (96)
P22	Victor Khalipov	A proof of coincidence of the equatorward edge of the polarization jet and energetic ion injection boundary during substorms (193)
1c. Origin, evolution, and Earth impact of energetic particles from solar, magnetospheric and galactic sources		
P23	Kazuo Shiokawa	Optical and ULF/ELF/VLF wave measurements at

		longitudinally-distributed stations at subauroral latitudes (63)
P24	Marek Vandas	Euler potentials for two layers with non-constant current densities in the ambient field aligned to the layers (179)
P25	Craig Rodger	Long Term Determination of Variations in Energetic Electron Precipitation into the Atmosphere using AARDDVARK (149)
P26	Bin Wang	Compound Effect of Alfvén Waves and Ion-cyclotron Waves on Heating/Acceleration of Minor Ions via the Pick-up Process (169)
P27	Jiankui Shi	High-flux-electron disturbance caused by solar wind in the cusp region: Cluster observations (176)
P28	Alexei Krivolutsky	Motions in the MLT polar regions induced by energetic particles (3D simulations) (177)
P29	Babatunde Rabi	Seasonal variation of ionospheric complexes over the equatorial ionization anomaly region (186)
P30	Olga Khabarova	Energetic particles near the heliospheric current sheet (192)
P31	Ahmed Hady	On the Acceleration of Solar Energetic Particles During Halloween Storms (202)
P32	Xiaoxin Zhang	EUV imaging of the Earth's magnetosheath: global hybrid simulation (208)

### Electromagnetic chain posters

Poster#	Authors	Title
2a. Long-term solar variability (magnetism, total irradiance, and spectral irradiance) and its impact on geospace and Earth		
P33	Xiao Yang	On the Photospheric Magnetism-Related Clues to Solar Violent Eruptions (121)
P34	Z.Q. Yin	The cross-relations of sunspots and solar mean magnetic field during solar cycle 21-23 (84)
P35	Takashi Watanabe	60-year Database of Cosmic-Ray Neutron Fluxes held by WDC for Cosmic Rays (77)
P36	Kirill Kuzanyan	Current Helicity and Twist from Hinode Spectro-Polarimeter Data: the Brink of Solar Cycles 23 and 24 (20)

P37	Dhruba Banerjee	Hurricanes over Atlantic Region during 1851-2010 and Solar influence on them (10)
P38	Jia Huang	Research on heliospheric current sheet (122)
P39	Abhijeet Khandagale	The Great Indian Power Failure: Need of GIC Study (42)
P40	Alexei Krivolutsky	Global long-term temperature and wind response of the Earth's atmosphere to UV variability induced by solar cycle (3D simulation with ARM model) (183)
P41	Egor Illarianov	Properties of tilt of bipolar solar regions (203)
<b>2b. Origin of solar flares and their impact on Earth's ionosphere/atmosphere</b>		
P42	Pavel Kotrc	Measurements of 350 – 440 nm fluxes in solar flares (160)
P43	Tingyu Gou	The Temperature Structure of Some Typical Flare Loop Systems (107)
P44	Rui Wang	The possible trigger mechanism of the solar eruption in 2012 July 12 (117)
P45	Yu Gao	Helicity Observation with Vector Magnetograph and Flare (165)
P46	Jiangtao Su	Statistical detection of slow-mode waves in solar polar regions with SDO/AIA (174)
<b>2c. Coronal and Interplanetary radio bursts including auroral kilometric radiation</b>		
P47	Zhao Wu	Microwave signatures in the pre-impulsive phase of a solar flare (154)
P48	Kyungsuk Cho	Relationship between Metric Type II Solar Radio Bursts and Coronal Mass Ejections (123)
P49	Sha Li	The polarization degree of the original solar radio emission (9)

### **Intra-atmosphere Chain & Meridian Chain Posters**

Poster#	Authors	Title
P50	Shin-ye Sun	On Seasonal/longitudinal Distributions of Post-midnight Quiettime Equatorial Ionospheric Irregularities (189)
P51	T Minoura	Estimation of MSTID-related polarization electric field using coordinated radio and optical observations (10)

P52	P. Krizan	Differences among ozone lamina characteristics expressed in partial pressure and mixing ratio (150)
P53	V. Kuznetsov	Registration of the atmospheric background and burst gamma radiation on board the Russian Segment of the International Space Station (151)
P54	G. L. Flores-Ivaldi	Natural forcings of NAO long-term changes (159)
P55	N. Li and J. Chen	ST radar in Kunming and its gravity wave observation results (72)
P56	Endawoke Yizengaw	Longitudinal Variability of Equatorial Electroynamics and Ionospheric Density Irregularities (146)
P57	Zelong Wang	Using the lidar to observe and study the potassium layer over Beijing (6)
P58	Tamara Gulayeva	North/South asymmetry in the ionosphere and seismic activity over the land and sea (124)
P59	Xiao Liu	Thermospheric planetary wave-type oscillations observed by FPIs over Xinglong and Millstone Hill (110)
P60	Gaotao Yang	The launched China-Brazil Joint Lab opens the long-term cooperation of space weather research (8)
P61	Zhiqing Chen	The successful beginning of Chinese Meridian Project (157)
P62	Feng Ding	Comparative climatological study of large-scale traveling ionospheric disturbances over North America and China in 2011–2012 (207)
P63	Xing Li	The non-migrating tidal components from the wavenumber spectra of SABER/TIMED observations (206)
P64	Benoit Lavraud	An innovative, small mission concept for solar and heliospheric science from the L5 location (34)

Poster#	Authors	Title
P65	Galina Gordiyenko	Responses of midlatitude ionosphere to the June 2013 geomagnetic storm (51)
P66	Badruddin	Study of the Geo-effectiveness and GCR-effectiveness of ISEST/MiniMax ICMEs of March 17 and June 01, 2013 (73)
P67	Hui Wang	The spatial distribution of R2 FACs relative to SAPS (89)
P68	Lilia Biktash	Annual variations of the critical frequency foF2 at Vanimo station during the two last solar minima (103)
P69	Dalia Buresova	Survey of the 23rd and 24th solar cycle minor-to-moderate magnetic storm effects on ionosphere (216)
P70	P Ozhogin	Evaluating the diffusive equilibrium models: Comparison with the IMAGE RPI field-aligned electron density measurements (217)