



## X COLAGE – Poster Session

September 9, 2014 - Cusco, Peru

Session 1: The Sun and Solar-terrestrial Interactions				Poster competition?
PS1-01	Mauro Angelo	Alves	Correlation between gamma radiation, neutrons and atmospheric parameters measured at ground level in São José dos Campos SP, Brazil	No
PS1-02	Tania	Azcárate	Influence Of Climate Variables In Human Heart And Its Relationship With The Solar-Geomagnética Activity During Cycle 24 Solar (Minimum And Ascending Phase)	No
PS1-03	Sony	Chen	Variability of the solar activity from cycles 20 to 23 observed in radio and in visible wavelength	Yes
PS1-04	Tardelli Ronan	Coelho Stekel	Multi-wavelength analysis of a wave-like propagating disturbances along pseudo-open field lines above a sunspot	Yes
PS1-05	Andrea	Costa	Numerical simulation of Moreton waves	No
PS1-06	Andrea	Costa	Simulation of postflare supra-arcade multiple descending outflows	No
PS1-07	Andrea	Costa	Numerical simulation of the internal plasma dynamics of postflare loops	No
PS1-08	Germán	Cristiani	Analysis of a Moreton wave from chromospheric data and its effects in the interplanetary medium	No
PS1-09	Alisson	Dal Lago	Geomagnetic Consequences Of The Extreme Solar Wind Conditions On July 2012	No
PS1-10	Francisco	Fernandes	Radio emissions precursors of impulsive phase of solar flares	No
PS1-11	Gerardo L.	Flores Ivaldi	NAO variations linked to geomagnetic activity	Yes
PS1-12	Gerardo L.	Flores Ivaldi	Reaction of the North Atlantic Oscillation to intense geomagnetic storms	Yes
PS1-13	María Victoria	Gutierrez Escate	Sympathetic Flares at SubTHz Frequencies	Yes
PS1-14	Teresita	Heredia	Long-term variation of precipitation over two Southern Hemisphere locations linked to natural and anthropogenic forcings	No
PS1-15	Patricia Alejandra	Larocca	Statistics of Sunspots number and major Chilean earthquakes	No
PS1-16	Verónica	Loaiza Tacuri	Characterization of two Logarithmic Periodic Antennas of the Stations e-Callisto in Peru - San Isidro and Punta Lobos	Yes
PS1-17	Fernando Marcelo	López	Detection and analysis of EUV wave events by low corona data	No
PS1-18	Marcelo	López Fuentes	Statistical analysis of magnetic twist properties of ARs from magnetic tongues	No
PS1-19	Marcelo	López Fuentes	Emission measure distribution of nanoflare-heated coronal loops	No
PS1-20	Caren	Lorensi	Study of solar-terrestrial interactions in tree growth rings from General Carneiro (PR, Brazil)	Yes



<b>PS1-21</b>	María	Luoni	Implementation of a New Refractor Telescope for Observing the Sun in White Light, in the Carlos U. Cesco Station (OFAA), Argentina.	No
<b>PS1-22</b>	Adolfo	Mendez	Deterministic behavior in the dynamics of solar metric radio bursts with intermediate drifting patterns	No
<b>PS1-23</b>	Roberto	Navarro	Effects of minor ions in the emission of magnetic fluctuations in the solar wind	Yes
<b>PS1-24</b>	Luis Fernando	Neglia Villanueva	Actividad Solar Usando Imagenes EIT / SOHO	No
<b>PS1-25</b>	Federico Alberto	Nuevo	Differential Emission Measure in the Solar Corona: 2D and 3D	No
<b>PS1-26</b>	Mariza	Pereira de Souza Echer	Spectral analysis of stratospheric QBO and surface temperature	No
<b>PS1-27</b>	Javier	Rengifo	Determination of Radio Frequency Interference (RFI) Sources for Solar Burst Monitoring in Peru	Yes
<b>PS1-28</b>	Javier	Rengifo	Establishment and operation of e-Callisto station in Peru for monitoring the solar activity	Yes
<b>PS1-29</b>	Brigitte	Schmieder	A Multi - Spacecraft View of a Giant Filament Eruption During 2009 September 26/27	No
<b>PS1-30</b>	Zuleika	Sodré	Evolution Of Solar Active Regions And The Occurrence Of Metric Noise Storms	Yes
<b>PS1-31</b>	José	Tacza	A New South American network to study the variations of atmospheric electric field due to geophysical phenomena	Yes
<b>PS1-32</b>	Samuel E.	Vázquez Hernández	Calibration of the Schumann Resonance Station ERS-01	No
<b>PS1-33</b>	Pablo	Villanueva Hernandez	Studies of radio-electric environment on MEXART	No
<b>PS1-34</b>	Martin Josemaria	Vuelta Rojas	Solar activity forecasting for the period 2013 - 2015	Yes
<b>PS1-35</b>	Cristina Sayuri	Yamashita	Study of the long term variability in geomagnetic activity	Yes

<b>Session 2: The Heliosphere and Cosmic Rays</b>				<b>Poster competition?</b>
<b>PS2-01</b>	Adriana Maria	Gulisano	Latin American Giant Observatory first Antarctic Node at Argentinian Marambio Base	No
<b>PS2-02</b>	Inacio	Martin	Monitoring of induced cosmic ray neutrons up to 10.0 MeV in São José dos Campos, SP, Brazil during period of January 2013 to may of 2014	Yes
<b>PS2-03</b>	Omar	Musalem	Analysis of solar and interplanetary phenomena causing Forbush decreases in cosmic rays	Yes
<b>PS2-04</b>	Arian	Ojeda González	A controversial event which has two interplanetary magnetic clouds at 1 AU	No
<b>PS2-05</b>	Ernesto	Ortiz	Analysis of results of the SciCRT prototype installed at the top of the Sierra Negra volcano in Mexico	Yes
<b>PS2-06</b>	Luis	Otiniano	Cosmic Ray Telescope for Sun activity measurements	No
<b>PS2-07</b>	Williamary	Portugal	Study of solar activity influences on the tropospheric cosmogenic ionization in different latitudes.	Yes
<b>PS2-08</b>	Christian	Sarmiento	The Guane Array of the LAGO Project: Studying Weather Phenomena from Ground Level	Yes



Session 3: The Magnetosphere				Poster competition?
<b>PS3-01</b>	Rajkumar	Hajra	Relativistic (MeV) Electron Acceleration at Geosynchronous Orbit during HILDCAA Events	No
<b>PS3-02</b>	Daiki	Koga	Larmor electric field observed at the Earth's magnetopause by POLAR satellite	No
<b>PS3-03</b>	Olga	Kozyreva	ULF wave energy transfer from the solar wind into the inner magnetosphere as observed by meridional magnetometer chains	No
<b>PS3-04</b>	Maria	Sergeeva	Study of processes in the lower ionosphere during the magnetic storms	No
<b>PS3-05</b>	Sergio	Vidal	Morphology of precipitated electrons in the austral auroral zone	Yes
<b>PS3-06</b>	Jose Fabricio	Zelada Rivas	Polar Mesospheric Winter Winds Echoes Tristatic measurement analysis	Yes

Session 4: The Ionosphere and the Upper Atmosphere				Poster competition?
<b>PS4-01</b>	Raydel	Abreu Espinet	A simple ionogram digitalization system for the IPS-42 ionosonde	No
<b>PS4-02</b>	Quazim	Akinwande	Study of the effects of Corotating interaction region/High speed stream storms on the ionosphere during solar cycle 23	Yes
<b>PS4-03</b>	Julio	Balbin	Empirical model about plasma vertical Drift	Yes
<b>PS4-04</b>	Inez	Batista	Longitudinal structures in TEC observations from FORMOSAT/COSMIC satellites during low and high solar activity	No
<b>PS4-05</b>	Armando	Carrillo Vargas	IPS anomalies detected with MEXART in 2012 during the recovery phase of geomagnetic storms	No
<b>PS4-06</b>	Flávia	Coelho Tardelli	Zonal drift of ionospheric plasma in the equatorial region of the Brazilian sector during a period of low solar activity.	Yes
<b>PS4-07</b>	Percy	Condor Patilongo	Comparison of Vertical Drifts of ISR and Magnetometer Data Measurements at the Magnetic Equator	No
<b>PS4-08</b>	Percy	Condor Patilongo	Prereversal Enhancement of the Equatorial Vertical Drift Observed From Digisonde Data During Sudden Stratospheric Warming	No
<b>PS4-09</b>	Marcelo Henrique	Duarte Silva	Ionospheric Slab Thickness in the East Sector of South-America During One Year of Low Solar Activity	Yes
<b>PS4-10</b>	Juan Carlos	Espinoza	LISN Network: TEC observations over South America	No
<b>PS4-11</b>	Patrick	Essien	The Study Of Medium-Scale Gravity Waves Using Airglow And Saber Measurements	Yes
<b>PS4-12</b>	Alberto	Fares Akel	Subionospheric VLF Propagation Modeling during solar flares	Yes
<b>PS4-13</b>	José Umberto	Gamboa Sánchez	Estimation of Three-Dimensional Wind Maps of the Ionosphere over the Central Region of Peru using the FPI Network	No
<b>PS4-14</b>	Julio Cesar	Gianibelli	Geomagnetic Effects Of The Solar X Flare occurred on 29th March 2014.	No



<b>PS4-15</b>	Vicki	Hsu	Dynamic and Thermal Responses of the Neutral Thermosphere to Anomalies of Ionization	Yes
<b>PS4-16</b>	Héctor Enrique	Ibarra Ortega	Geomagnetic activity with values of Dst > 50 nT and their influence on the ionosphere at mid latitudes from 1999 to 2014	No
<b>PS4-17</b>	Gustavo Adolfo	Mansilla	Disturbed time variations in some ionospheric parameters over 3 European stations	No
<b>PS4-18</b>	Maria Graciela	Molina	Algorithms Comparative study for automatic detection of ionospheric layers	Yes
<b>PS4-19</b>	Polinaya	Muralikrishna	A new look at the probable causes of Equatorial Counter Electrojet	No
<b>PS4-20</b>	Julio	Oscanoa	Mesospheric winds estimation algorithms for Jicamarca All-Sky Meteor radars that operate at 50 and 30 MHz	No
<b>PS4-21</b>	Paulina	Patiño	Digital images of clouds represent the variability in space of the precipitable water vapor	Yes
<b>PS4-22</b>	Ana Roberta	Paulino	Non-migrating components of the lunar tide observed by SABER measurements	No
<b>PS4-23</b>	Luciana	Rodrigues de Araújo	Trends and solar activity-induced variations in the MLT dynamics at Cachoeira Paulista, Brazil	No
<b>PS4-24</b>	Mario	Rodriguez-Martinez	Ionospheric Index from Wavelet Analysis Applied to MEXART and STEL Data	No
<b>PS4-25</b>	Jorge Enrique	Samanes Cardenas	Some characteristics of the nighttime subionospheric propagation of VLF waves	No
<b>PS4-26</b>	Franklin	Silva	Measurements and analysis of the earth's pulsation: Schumann resonance	Yes
<b>PS4-27</b>	Alexandre	Tardelli	Multifractal Analysis Of Total Electron Content (Tec) Ionospheric In São José Dos Campos And Belem.	Yes
<b>PS4-28</b>	Valentin	Venchiaarutti	Study of the ionosphere F2 layer response to Earth's magnetic field secular variations using experimental data and IRI model	Yes
<b>PS4-29</b>	Cristiano Max	Wrasse	Medium Scale Gravity Waves and Plasma Bubbles Depletions Observations over the Brazilian Equatorial Region	No
<b>PS4-30</b>	Marta Maria	Zossi de Artigas	Long Term Trends in Stratospheric Temperature using NCEP/NCAR Data	No

<b>Session 5: Space Weather and Space Climate</b>				<b>Poster Competition?</b>
<b>PS5-01</b>	Ernesto	Aguilar Rodriguez	Interplanetary scintillation index estimation using wavelet transform	No
<b>PS5-02</b>	Livia	Alves	Preliminary results of the impact of the inner radiation belt variability in the upper atmosphere and ionosphere over South American anomaly	No
<b>PS5-03</b>	Ernesto	Andrade	Schumann station ERS-1 : detection of the electric field vertical component	No
<b>PS5-04</b>	Pedro	Corona Romero	Modeling the propagation of fast ICMEs and shocks: in-situ transits and radio bursts	No
<b>PS5-05</b>	Pedro	Corona Romero	Comparison of hydrodynamic drag models in propagation of fast ICMEs.	No
<b>PS5-06</b>	Ricardo	Da Rosa Paes	EIA variability over the Brazilian region during boreal SSW events	Yes



<b>PS5-07</b>	Clezio	De Nardin	A regional K index based on the Embrace magnetometer network: initial results	No
<b>PS5-08</b>	Patricia Mónica	Fernandez	Intense geomagnetic storms effects on O3 and NO2 profiles	No
<b>PS5-09</b>	Walter Robert	Guevara Day	Forecast solar cycle 25 and its effect on global terrestrial climate	No
<b>PS5-10</b>	Asahel	Mendoza	Mechanical design of the suborbital platform Pixqui	No
<b>PS5-11</b>	Veronica	Ontiveros Hernandez	Intense Geomagnetic Storms Over the Solar Cycle 24	No
<b>PS5-12</b>	Flor Esperanza	Pullo Rivero	Solar Magnetic Activity and Space and Earth's climate	No
<b>PS5-13</b>	Eileen Joan	Rojas Pacheco	Using values of incident solar energy as an indicator of solar activity.	No
<b>PS5-14</b>	Esmeralda	Romero Hernandez	Analysis of IPS data: density enhancements and solar wind velocities. MEXART observations	Yes
<b>PS5-15</b>	Hanumant	Sawant	Preliminary Results And Status Of The Development Of The Bda Phase II	No
<b>PS5-16</b>	Pablo	Sierra Figueredo	Possible association between the earthquake of magnitude 5,8 occurred the 16th of June, 2103 in Mexico and anomalies of the Schumann Resonance measured in Mexico.	No

<b>Session 6: Plasma Physics of Solar System, Planets and Exoplanets</b>				<b>Poster Competition?</b>
<b>PS6-01</b>	Fabíola Pinho	Magalhães	Analysis of Io plasma torus variability from ground based observations	Yes
<b>PS6-02</b>	Dolores	Maravilla	The NWA's carbonaceous chondrites and their relationship with the formation of massive bodies.	No
<b>PS6-03</b>	Jazmín Michel	Mejía Chávez	Origin and distribution of water on the Moon	No
<b>PS6-04</b>	Dennis	Murillo	An equation for Uranus zonal wind	Yes
<b>PS6-05</b>	Javier	Rengifo	Determination of Parameters of Solar Burst Type III using data from the e- Callisto network	Yes

<b>Session 7: Nonlinear Processes in Space Geophysics</b>				<b>Poster Competition?</b>
<b>PS7-01</b>	Abraham	Chian	Detection Of Coherent Structures In Photospheric Turbulent Flows	No
<b>PS7-02</b>	Emanuel Vicente	Chimanski	Route to Hyperchaos in Rayleigh-Bénard Convection	No
<b>PS7-03</b>	Pablo Rubén	Muñoz	A wavelet-based method to detect magnetic coherent structures in the solar wind intermittent turbulence and how multifractality and magnetic reconnection are related	No
<b>PS7-04</b>	Jenny Marcela	Rodríguez Gómez	Multifractal Properties of Solar Active Regions Using The Wavelet Leaders Technique.	Yes
<b>PS7-05</b>	Constantin Frederic	Rupp	Higher order integration of the Vlasov-Poisson Equation	Yes