

-
- 6 Estimation of the Radioactivity Level Induced by Airborne Radio-Nuclide Rainout Episodes
Stefano Cecchini et al.
-
- 7 The Effect of Variable Directions of Viewing on the Interpretation of Diurnal Variations Observed by Neutron Monitors
John E. Humble and M. L. Duldig
-
- 8 Geomagnetic Cutoff Rigidity Calculations at 50-Year Intervals between 1600 and 2000
Don Frederick Smart and M. A. Shea
-
- 9 Preliminary Study of the 400-Year Geomagnetic Cutoff Rigidity Changes, Cosmic Rays and Possible Climate Changes
Margaret Ann Shea and D. F. Smart
-
- 10 The Long-Term Variation of Galactic Cosmic Ray Flux and Its Possible Connection with the Current Trend of the Global Warming
Kunitomo Sakurai
-
- 11 The Relation between Malfunctions of Satellites at Different Orbits and Cosmic Ray Variations
Lev I. Dorman et al.
-
- 12 Seasonal Variations in ^7Be Radioactivity Measured at Ground Level
Masato Yoshimori et al.
-
- 13 Daily Variation of Cosmogenic Nuclide Be-7 Concentration in the Atmosphere and Solar Activities
Hirohisa Sakurai et al.
-
- 14 The Seasonal Dependency of the NO(Y) Impulsive Precipitation Events in Arctic Polar Ice
Margaret Ann Shea et al.
-

SH: POSTER Session 1

Authors in attendance: July 31, August 1, August 2 16:30–17:30

Multi-Purpose Hall

SH 1.1

- 1-P-163 RHESSI Discovery of a Coronal Non-Thermal Hard X-Ray Source in the 23 July 2002 Gamma-Ray Line Flare
Robert P. Lin et al.
-
- 1-P-164 Simultaneous Observations of Solar Neutrons in Association with a Large Solar Flare on June 6, 1991
Kyoko Watanabe et al.
-
- 1-P-165 GEANT Applications for the Interpretation of Ground-Based Solar Neutron Observations
Erwin O. Flueckiger et al.
-
- 1-P-166 Time Profile of the 2.223 MeV Gamma-Line Emission and Some Features of the 16 December 1988 Solar Event
Leonty I. Miroshnichenko et al.
-
- 1-P-167 Solar Gamma Ray Events Detected by the GEOTAIL Plasma Instrument
Yasuhiro Takei et al.
-

SH 1.2

- 1-P-168 The Unusual Solar Particle Events of August 2002
R. A. Leske et al.
-
- 1-P-169 ^3He -Rich SEP Events Detected by EPHIN 1996-2000
Raul Gomez-Herrero et al.
-
- 1-P-170 Possible Detection of Large Solar Particle Event at Balloon Altitudes during the 2001-2002 TIGER Flight
Sven Geier et al.
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- 1-P-171 Solar Energetic Particles Events Observed with EIS Onboard NOZOMI Spacecraft
Hiromasa Miyasaka et al.
-
- 1-P-172 Suprathermal Ion and Solar Wind Charge States: A Comparison
Berndt Klecker et al.
-
- 1-P-173 Observation of Energy-Dependent Charge States in Solar Energetic Particle Events
Mark A. Popecki et al.
-
- 1-P-174 Iron Charge State Distributions in Large Gradual Solar Energetic Particle Events
Mark A. Popecki et al.
-
- 1-P-175 Time-to-Maximum Studies and Inferred Ionic Charge States in the Solar Energetic Particle Events of 14 and 15 April 2001
Allan J. Tylka and W. F. Dietrich
-
- 1-P-176 Ionic Charge States of High Energy Solar Energetic Particles in Large Events
E. C. Stone et al.
-
- 1-P-177 Heavy Ion and Electron Release Times in Solar Particle Events
R. A. Mewaldt et al.
-

SH 1.3

- 1-P-178 Prolonged Release of 100 MeV Solar Protons in the GLE Events of 1997-2002
Alexei Struminsky
-
- 1-P-179 High-Energy Cutoff for Solar Cosmic Rays by the Data of Large Non-Standard Detectors
Leonty I. Miroshnichenko
-
- 1-P-180 Solar Energetic Particle Spectra Produced by Shocks in Solar Corona
Evgeny G. Berezhko and S. N. Taneev
-
- 1-P-181 Monte-Carlo Simulation of Particle Acceleration in Impulsive Phase of Solar Flares
Tsuguya Naito
-
- 1-P-182 MHD Simulations of the Internal Shocks in Magnetic Reconnection Jet in the Solar Flare: Possibility of the Particle Acceleration
Syuniti Tanuma and K. Shibata
-
- 1-P-183 Evolution of Flare Ribbons and Energy Release
Ayumi Asai et al.
-
- 1-P-184 The Spatially Resolved Spectrum Analysis of Gradual Hardening Flare
Hiroyuki Takasaki et al.
-
- 1-P-185 Two-Stage Coronal Transport of Solar Flare Particles from Magnetic Multipolarity Sources in a Flare Region
Guiming Le and Yongnian Huan
-
- 1-P-186 Magnetohydrodynamic Numerical Simulations of Coronal Mass Ejections and Associated Giant Arcades
Daikou Shiota et al.
-
- 1-P-187 Estimation of the SONTRAC Detector Efficiency for Solar Flare Neutrons by Geant4 Monte Carlo Simulations
Laurent Desorgher et al.
-

SH 1.4

- 1-P-188 Dangerous FEP Events: Real-Time Data of Ground and Satellite CR Measurements Using for Monitoring of Beginning and Forecasting of Expected Particle Fluxes in Atmosphere and in Space
Lev A. Pustil'nik et al.
-
- 1-P-189 Onsets of Solar Cycle 23 Ground Level Events as Probes of Solar Energetic Particle Injections at the Sun
Stephen W. Kahler, G. M. Simnett, and M. J. Reiner
-
- 1-P-190 On Accuracy of Solar Cosmic Ray Anisotropy and Intensity Deduced from NM Data
Alexei Struminsky
-

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- 1-P-191 A Study of the Ground Level Event of April 15, 2001 with GRAND
Christopher P. D’Andrea and J. Poirier
-
- 1-P-192 GLE Observations in 23rd Solar Cycle at the Baksan Air Shower Arrays Andyrchy and Carpet
Sergei N. Karpov et al.
-

SH 1.5

- 1-P-193 A New Solar Neutron Telescope at Mt. Aragats
Yasushi Muraki et al.
-
- 1-P-194 Application of CPLD for the Mexico Solar Neutron Telescope
Takashi Sako, Y. Muraki, and N. Hirano
-
- 1-P-195 Calibration of the Sanae and Hermanus Neutron Monitors
Harm Moraal et al.
-
- 1-P-196 Yield and Response Functions of the Baksan EAS-Array Andyrchy for Single Component
Sergei N. Karpov et al.
-
- 1-P-197 Design of a Recording System for a Muon Telescope Using FPGA and VHDL
Shin-ichi Yasue et al.
-
- 1-P-198 The Development of the High Energy Particle Detector Onboard the SELENE Spacecraft
Takeshi Takashima et al.
-
- 1-P-199 Heavy Ion Telescope Onboard the “TSUBASA” Satellite
Nobuyuki Hasebe et al.
-
- 1-P-200 REal-time COsmic Ray Database (RECORD)
Ilya Usoskin et al.
-
- 1-P-201 Solar Particle Events Observation Capabilities of PAMELA Experiment
Marco Casolino for the Pamela Collaboration
-
- 1-P-202 Evaluation of Magnetic Shielding of Interplanetary Spacecraft from Cosmic Radiation
Don Frederick Smart and M. A. Shea
-
- 1-P-203 ADAMO, an Altazimuthal Detector for Atmospheric Cosmic-Ray Observation
Elena Vannuccini et al.
-

SH 2.1

- 1-P-204 Large Solar Proton Events in Association with Large Solar Flares from January 1996 to May 2001
Mohamed Ali El-Borie
-
- 1-P-205 Major Solar-Energetic Particles and the Associated GLEs
Mohamed Ali El-Borie
-
- 1-P-206 Acceleration and Transport of Solar Energetic Particles: Modeling CME Driven Shocks
Jozsef Kota et al.
-
- 1-P-207 Spatial Intensity Gradients of Impulsive Particle Events and Supradiffusive Magnetic Fields
Stephen W. Kahler and B. R. Ragot
-
- 1-P-208 The Second Order Pitch-Angle Approximation for the Cosmic Ray Fokker-Planck Kinetic Equations
Lev I. Dorman, B. A. Shakhov, and M. Stehlik
-
- 1-P-209 Energetic Particle Mean Free Path in the Wave Heated Solar Wind
Rami O. Vainio et al.
-
- 1-P-210 Energetic Particle Observations by the Cassini Spacecraft during Its Heliospheric Cruise to Saturn
David Lario et al.
-

SH 2.2

- 1-P-211 Dynamics of the Cosmic Ray Current Behaviour during Large-Scale Solar Wind Disturbances
Vladislav G. Grigoryev et al.
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- 1-P-212 Solar Cycle 23 Activity Forecast: A Look Back
H. S. Ahluwalia
-
- 1-P-213 Dynamics of Solar Energetic Particles in the Presence of a Shock Wave
Vladislav E. Timofeev et al.
-
- 1-P-214 The Technique of Forbush Decrease Registration in Tomography Mode
Anatoly Afanasievich Petrukhin et al.
-
- 1-P-215 CME Types, Their Interplanetary Manifestations (ICMEs) and Effects on Cosmic Ray Intensity
Badruddin and Y. P. Singh
-
- 1-P-216 Effect of Halo Coronal Mass Ejections on Cosmic Ray Intensity during Ascending Phase of Solar Cycle 23
Pankaj K. Shrivastava
-
- 1-P-217 Statistical Procedure to Test Significance in the Analysis of Cosmic Ray Data by Superposed Epoch Method–I
Badruddin and Y. P. Singh
-
- 1-P-218 Statistical Procedure to Test Significance in the Analysis of Cosmic Ray Data by Superposed Epoch Method–II
Yatendra Pal Singh and Badruddin
-
- 1-P-219 Statistical Procedure to Test Significance in the Analysis of Cosmic Ray Data by Superposed Epoch Method–III: Comparison of Test Results from Two Techniques
Yatendra Pal Singh and Badruddin
-
- 1-P-220 Analysis of Tibet NM Data with Wavelet Transform Method
Y. Q. Tang for the Tibet NM Collaboration
-
- 1-P-221 Solar and Interplanetary Disturbances Causing Moderate Geomagnetic Storms
Mahendra Pratap Yadav and Santosh Kumar
-
- 1-P-222 Interplanetary Transients Causing Moderately Severe Geomagnetic Storms
Mahendra Pratap Yadav, Santosh Kumar, and Rajesh K. Mishra
-
- 1-P-223 Geoeffectiveness of Solar Features
Santosh Kumar and Mahendra Pratap Yadav
-
- 1-P-224 Origin, Development, and Effects of Coronal Mass Ejections (CMEs): Report from the 2nd International CME Workshop at Elmau Castle, Germany, in February 2003
Horst W. Kunow
-
- SH 2.3**
-
- 1-P-225 The ‘Proton-Assisted’ Generation Process of Whistler Waves at Interplanetary Shocks
Toshio Terasawa et al.
-
- 1-P-226 Particle Acceleration at Coronal Mass Ejection-Driven Shock Waves: Modeling of Enhancement in Low-Energy Range of a Proton Flux
Mitsue Den, T. Yoshida, and K. Yamashita
-
- 1-P-227 Acceleration at the Earth’s Bow Shock: Spatial Dependence of Acceleration Efficiency
Toshio Terasawa, Y. Saito, and T. Mukai
-
- 1-P-228 Observations of the Particle-Field Correlation
Curt A. de Koning and John W. Bieber
-
- 1-P-229 Investigation of the Anomalous Diffusion Coefficients of Different Transport Regimes
Zoltan Nemeth
-
- 1-P-230 The Connection of 1AU Electron Data to Perpendicular Diffusion
Olaf Reimer et al.
-
- 1-P-231 The Relation of Variations of Solar and Galactic Cosmic Ray Fluxes with Parameters of Interplanetary Medium under Quiet Solar Conditions
Karoly Kecskemety, Yu. I. Logachev, and M. A. Zeldovich
-

1-P-232 High Speed Solar Wind Streams and Cosmic Ray Intensity Variation
Pankaj K. Shrivastava

1-P-233 Interplanetary Transient Plasma Signatures and Associated Cosmic Ray Intensity Variation
Subhash Chandra Kaushik

1-P-234 1.7 Year Quasi-Periodicity in Cosmic Ray Intensity Variation
Chihiro Kato et al.

1-P-235 Wavelet Analysis of 27-Day Variation in Cosmic Ray Intensities Observed at Beijing Neutron Monitor
Y. Q. Tang et al.

SH: POSTER Session 2

Authors in attendance: August 3, August 5, August 6

16:30–17:30 (August 3, 5), 16:00–17:00 (August 6)

Multi-Purpose Hall

SH 3.1

2-P-153 Particles Acceleration at Solar Wind Termination Shock
Leonid T. Ksenofontov and E. G. Berezhko

2-P-154 Voyager 1 Observations of the Composition of Enhanced MeV Ion Fluxes at 85 AU
E. C. Stone and A. C. Cummings

2-P-155 On the Possible Detection of the Outer Heliospheric Boundary Signatures in Accelerated Ions Seen by Voyager 1 Beginning From July 2002
Karoly Kecskemety et al.

SH 3.2

2-P-156 Solar Modulation of Galactic Electrons and Their Diffusion Coefficient in the Heliosphere
Yoshiko Komori

2-P-157 A 2D Stochastic Simulation of Galactic Cosmic Rays Transport in the Heliosphere
Katja Maria Alanko et al.

2-P-158 Expected Relative Role of Convection-Diffusion and Drift Mechanisms in Long-Term Variation for Small Cosmic Ray Energies
Lev I. Dorman et al.

2-P-159 Effect of Cross-Helicity on the Ab Initio Formulation of Solar Modulation of Cosmic Rays
Shyamsundar Parhi et al.

2-P-160 Cosmic Ray Transport beyond the Termination Shock: Modulation in the Heliosheath
Jozsef Kota and J. R. Jokipii

2-P-161 Validity of the Force-Field Equation to Describe Cosmic Ray Modulation
Rogelio Antonio Caballero-Lopez, H. Moraal, and C. D. Steenberg

2-P-162 The Numerical Description of Neutral Sheet Drift Effects
Rogelio Antonio Caballero-Lopez and H. Moraal

2-P-163 Real Distribution of the Coronal Green Line Intensity and Modelling Study of Galactic Cosmic Ray Propagation
Michael V. Alania et al.

2-P-164 On the Relationship of the Energy Spectrum Indexes of the 11-Year Variation of Galactic Cosmic Rays and the Interplanetary Magnetic Field Strength Fluctuations
Michael V. Alania, K. Iskra, and M. Siluszyk

SH 3.3

2-P-165 Test of the GG Index to Infer the IMF Polarities
Marisa Storini et al.

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- 2-P-166 Anomalous ^4He Observation with EPHIN on Board SOHO during 1996 and 1997
Raul Gomez-Herrero et al.
-
- 2-P-167 Studies on Cosmic Ray Sidereal Anisotropy with the Multidirectional Muon Telescope at Ooty
Hiroshi Kojima et al.
-
- 2-P-168 Galactic Anisotropy of $\sim 10\text{TeV}$ Cosmic-Ray Intensity Observed by the Tibet Air Shower Array
Kazuoki Munakata for the Tibet ASgamma Collaboration
-
- 2-P-169 Quasi-Local and Non-Local Intensity Gradients of Anomalous Cosmic Rays
Matthew E. Hill and D. C. Hamilton
-
- 2-P-170 Diurnal Wave Trains during Two Recent Consecutive Solar Cycle
Anil Kumar Tiwari
-
- 2-P-171 Study of Higher Harmonics of Cosmic Ray Intensity on Quiet Days at Tokyo Station
Mahendra Kumar Richharia, B. K. Kathal, and S. K. Dubey
-
- 2-P-172 Study of High/Low Amplitude Anisotropic Wave Train Events during 1991–94
Santosh Kumar, Rajesh K. Mishra, and Rekha Agarwal Mishra
-
- 2-P-173 Variation of the High-Energy Cosmic Ray Anisotropy with a Solar Activity Cycle
Velikanida P. Mamrukova et al.
-
- 2-P-174 Unusually Low Amplitude Anisotropic Wave Train Events of Cosmic Ray Intensity during 1981–94
Rajesh Kumar Mishra and Rekha Agarwal Mishra
-
- 2-P-175 Low/High Amplitude Anisotropic Wave Train Events in Cosmic Ray Intensity as an Effect of Interplanetary Turbulances
Rajesh Kumar Mishra and Rekha Agarwal Mishra
-
- 2-P-176 Effect of East-West and Radial Anisotropy on Hale Cycle in the Harmonics of Daily Variation in C R Intensity
Rekha Agarwal Mishra and Rajesh K. Mishra
-
- 2-P-177 Comparative Study of Diurnal and Semidiurnal Anisotropies in CR Intensity for the Period 1964–95
Rekha Agarwal Mishra and Rajesh K. Mishra
-
- 2-P-178 The Radial Distribution of Galactic Cosmic Rays in the Heliosphere at Solar Minimum and Solar Maximum
Frank B. McDonald et al.
-
- 2-P-179 Semi-Diurnal Variation of Galactic Cosmic Rays
Velikanida P. Mamrukova et al.
-
- 2-P-180 High-Speed Solar-Wind Streams from Coronal Holes and Modulation of Cosmic Ray Diurnal Anisotropy
Zenjiro Fujii et al.
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- SH 3.4**
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- 2-P-181 Hysteresis between Cosmic Rays and Solar Activity on the Basis of Small Energy Alpha-Particle Satellite Data
Lev I. Dorman et al.
-
- 2-P-182 Effect of Regular Increase in the Galactic Cosmic Ray Intensity
Vladislav E. Timofeev et al.
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- 2-P-183 About Unmodulated Cosmic Ray Spectrum and Modulation Region Size
Yuri Ivanovich Stozhkov et al.
-
- 2-P-184 Cosmic Radiation Annual Variation
Turlan Hamzievich Sadykov et al.
-
- 2-P-185 Observed and Expected Features of the 27-day Variations of Galactic Cosmic Rays
Nugzar Akaki Nachkebia et al.
-
- 2-P-186 Variation of Diurnal Anisotropy during 1964–95
Sushil Kumar Dubey et al.
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- 2-P-187 On the Shape of Cosmic Ray Modulation during Even- and Odd-Numbered Solar Activity Cycles
Karel Kudela et al.
-
- 2-P-188 Study of Long Term Cosmic Ray Daily Variation
Anil Kumar Tiwari and Avnish Shrivastava
-
- 2-P-189 Long-Term Cosmic Ray Modulation during Solar Cycles 19 to 23
Anil Kumar Tiwari et al.
-
- 2-P-190 Rigidity Dependence and Correlations with Solar Parameters of Galactic Cosmic Ray Intensity as Seen by Neutron Monitors
Jose Francisco Valdes-Galicia and R. A. Caballero-Lopez
-
- 2-P-191 Long-Term Variation of Small Energy Proton Intensity According to Satellite Data and Hysteresis between Cosmic Rays and Solar Activity
Lev I. Dorman et al.
-
- 2-P-192 The Cosmic Ray Intensity Correlation with the Sunspot Number in LAAS Experiments
Atsushi Iyono for the LAAS Group
-
- 2-P-193 The Cosmic Ray Intensity between 1933-1965
Ken McCracken and B. Heikkila
-
- SH 3.5**
-
- 2-P-194 Heliospheric Modulation over the Past 10,000 Years as Derived from Cosmogenic Nuclides
Juerg Beer et al.
-
- 2-P-195 Altitude Distribution of C-14 Concentration by Geant-4
Hirohisa Sakurai et al.
-
- SH 3.6**
-
- 2-P-196 Estimate of Distance to Lightning Events Associated with Cosmic Ray Enhancements during Thunderstorms
Aleksandr S. Lidvansky et al.
-
- 2-P-197 On the Acceleration of the Secondary Cosmic Ray Component in Low Atmosphere by Thunderstorms
Stefano Cecchini et al.
-
- 2-P-198 Effect of Lightning on the Intensity of the Soft Component of Cosmic Rays
Aleksandr S. Lidvansky et al.
-
- 2-P-199 SONTEL-Measurements at Gornergrat and Environmental Radioactivity
Rolf Butikofer et al.
-
- 2-P-200 Meteorological Effects of a Single Cosmic Ray Component by the Data of Baksan Air Shower Array Andyrchy
Musabi M. Boliev et al.
-
- 2-P-201 Global Cosmic Ray Cutoff Rigidities over the Past 2000 Years
Erwin Fluckiger et al.
-
- 2-P-202 Semiannual Variation in the Number of Energetic Electron Precipitation Events Recorded in the Polar Atmosphere
Yuri Ivanovich Stozhkov et al.
-
- 2-P-203 Interplanetary Magnetic Field Disturbances Affect on the Ozone Profiles
Nugzar Akaki Nachkebia, M. A. Despotashvili, and J. T. Kharchilava
-
- 2-P-204 Calculated Vertical Cutoff Rigidities for the International Space Station Using the Tsyganenko Magnetospheric Model for Every Two Hours in UT
Don Frederick Smart et al.
-
- 2-P-205 Relative Nuclear Abundances Measurements Inside Mir and ISS with Sileye-2 and Sileye-3 Experiments
Marco Casolino for the Sileye Collaboration
-

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- 2-P-206 A Calculation of the Radiation Environment for Satellite Experiments Operating below the Van Allen Belts
Paolo Zuccon et al.
-
- 2-P-207 Energy Spectra of Geomagnetically Trapped Light Isotopes Measured by NINA-2 Instrument
Vladimir V. Mikhailov for the NINA-WIZARD Collaboration
-
- 2-P-208 Inner Radiation Belt Generation of Light Nuclei Isotope
Vladimir V. Mikhailov et al.
-
- 2-P-209 An Unusual Time-Variable High Radiation Region Seen by HETE-2 Satellite
Yujin E. Nakagawa et al.
-
- 2-P-210 Cosmic Ray Produced Antiprotons Confined in the Innermost Magnetosphere
Hiromasa Miyasaka et al.
-
- 2-P-211 Principles of Cosmic Ray Using for Space Weather Monitoring and Forecasting
Lev I. Dorman
-
- 2-P-212 Production of ^7Be Nuclei in the Earth's Upper Atmosphere from Galactic Cosmic Rays and Solar Energetic Particles
Masato Yoshimori, H. Hirayama, and S. Mori
-
- 2-P-213 Geant4 Simulation of the Propagation of Cosmic Rays through the Earth's Atmosphere
Laurent Desorgher et al.
-
- 2-P-214 Geant4 Application for Simulating the Propagation of Cosmic Rays through the Earth's Magnetosphere
Laurent Desorgher et al.
-
- 2-P-215 Cosmic-Ray Characteristic Parameters for Yangbajing (Tibet) Experiments
Marisa Storini
-
- 2-P-216 The Secondary Proton Spectrum at Small Atmospheric Depths
Elena Vannuccini et al.
-
- 2-P-217 Differential Neutron Flux in Atmosphere at Various Geophysical Conditions
Oscar Saavedra et al.
-
- 2-P-218 Measurements of the Gamma-Ray Spectrum in the Range 3-15 MeV at Different Atmospheric Depths
Stefano Cecchini et al.
-
- 2-P-219 Is the Adaptive Response an Efficient Protection Against the Detrimental Effects of Space Radiation
Seyed Mohammad Javad Mortazavi, J. R. Cameron, and A. Nitoomand-rad
-