Table of contents

Wednesday 04 July 2007	
Thursday 05 July 2007	

30th International Cosmic Ray Conference

Wednesday 04 July 2007

Posters 1 + Coffee - Regency (Hyatt) (14:45-16:15)

OG 1.1, 1.2, 1.3, 1.4, 1.5; HE 1.1.A, 1.1.B, 1.2.A, 1.2.B, 1.3.A, 1.3.B, 1.4.A, 1.4.B; SH 1.2-1.7, 2.1-2.4

title	presenter	board
COSMIC RAY SPECTRUM BY ENERGY SCATTERED OF EAS PARTICLES IN THE ATMOSPHERE AND A GALACTIC MODEL	KNURENKO, Stanislav	001 (1A
BEHAVIOUR OF SOME CHARACTERISTICS OF EAS IN THE REGION "KNEE" AND "ANKLE" OF COSMIC RAY ENERGY SPECTRUM	KNURENKO, Stanislav	002 (1A
Detection of the Cherenkov light diffused by Sea Water with the ULTRA experiment.	MACCARONE, M. C.	005 (1A
The underground neutron events at Tien-Shan	SHEPETOV, A.L.	006 (1A
The effect of anomalous neutron events: new data from the scintillation neutron detectors	SHEPETOV, A.L.	007 (1A
A shape of charged particle lateral distribution in individual EAS events with energy above 10**19 eV arriving from different celestial regions	SABOUROV, Artem	009 (1A
The ultra-high energy cosmic ray spectrum and Fermi shock acceleration.	SEMIKOZ, Dmitri KACHELRIESS, Michael	010 (1A
Cosmic ray and neutrino physics with space detectors	COTZOMI, Jorge	011 (1B
Some remarks about lateral distribution funtion of charged particles at energy above 10^17 eV.	COTZOMI, Jorge	012 (1B
TREATMENT OF INCLINED EAS DATA FROM SURFACE ARRAYS AND GZK PREDICTION	CAPDEVIELLE, JEAN-NOEL	014 (1B
Geometry reconstruction of fluorescence detectors revisited	RISSE, Markus	015 (1B
Education and Public Outreach of the Pierre Auger Observatory	SNOW, Gregory	016 (1B
The Cosmic Ray Observatory Project: A Statewide Outreach and Education Experiment in Nebraska	SNOW, Gregory	017 (1B
Measuring the ionization energy loss of EAS in atmosphere	IVANOV, Anatoly	018 (1B
Investigation of Geomagnetic field effect on azimuth distribution of EAS events.	KHAKIAN, Mehdi	020 (1B
Investigation of atmosphere thickness on EAS events by an array of particle detectors and CORSIKA simulations.	KHAKIAN, Mehdi	021 (1B
Performance of the surface detector of the Pierre Auger Observatory	SUOMIJÄRVI, Tiina	023 (2A
Performance of the surface detector simulation for the Pierre Auger Observatory	GHIA, Piera Luisa	024 (2A
Weather induced effects on extensive air showers observed with the surface detector of the Pierre Auger Observatory		025 (2A
Study for EAS hadronic component with hadrons energy > 50 GeV	DZHAPPUEV, Dachir	026 (2A
Selection and reconstruction of very inclined air showers with the Surface Detector of the Pierre Auger Observatory	NEWTON, David	027 (2A

Contribution of atmospheric scattering of light to shower signal in a fluorescence detector	WILCZYNSKI, Henryk	028 (2A
The Absolute, Relative and Multi-Wavelength Calibration of the Pierre Auger Observatory Fluorescence Detectors	KNAPIK, Robert	029 (2A
New method for atmospheric calibration at the Pierre Auger Observatory using FRAM, a robotic astronomical telescope	TRAVNICEK,, Petr	030 (2A
Measurements of aerosols at the Pierre Auger Observatory	BEN ZVI, Seveg	031 (2A
Analysis of the Arrival Directions of Ultrahigh Energy Cosmic Rays	MIKHAILOV, Alexei	033 (2B
Analytical solutions of the Moliere series terms of higher orders for multiple Coulomb scattering	NAKATSUKA, Takao	034 (2B
Accuracy of numerical functional transforms applied to derive Moliere series terms and comparison with analytical results	NAKATSUKA, Takao	035 (2B
Derivation of the Moliere simultaneous distribution between the deflection angle and the lateral displacement	NAKATSUKA, Takao	036 (2B
A cut on particle arrival times for the separation of the electromagnetic and the muonic component in extensive air showers	DOLL, Paul	038 (2B
Tests of the Interaction Models with Muon Pseudorapidities in KASCADE-Grande	DOLL, Paul	039 (2B
Variation of the shower lateral spread with air temperature at the ground	WILCZYNSKA, Barbara	040 (2B
Simulation study of shower profiles from ultra-high energy cosmic rays	RISSE, Markus	041 (2B
Measurement of the angular resolution of the ARGO-YBJ detector.	ROSSI, Elvira	042 (2B
Electron and muon shower size spectra reconstructed with KASCADE-Grande data	-, -	043 (3A
The sensitivity of the surface detector of the Pierre Auger Observatory to UHE neutrinos	ALVAREZ-MUNIZ, Jaime	044 (3A
New statistical parameters for mass composition studies with energy above \$10^{17}\$ eV	DE SOUZA, Vitor	045 (3A
Influence of the multiple scattering of light on shower images in UHE fluorescence experiments	GILLER, Maria	046 (3A
Dependence of the lateral distributions of electrons with a fixed energy on shower parameters	GILLER, Maria	047 (3A
Cosmic Ray Observation at Mount Chacaltaya for beyond the Knee Region	TSUNESADA, Yoshiki	048 (3A
Search for anisotropy and point sources of cosmic rays with the KASCADE-Grande experiment	HAUNGS, Andreas	049 (3A
Lateral Distribution Functions for the Energy Estimation of UHECR Protons	MALANDRAKI, Olga	050 (3A
Update on radio detection of inclined air showers with LOPES-10	HUEGE, Tim	053 (3B
Selection of Surviving Primary Protons at 4300 m a.s.l. with the ARGO-YBJ experiment.	DI SCIASCIO, Giuseppe	054 (3B
Zenith Angle Distribution and Atmospheric Effect for EAS with LAAS experiments	IYONO, Atsushi NODA, Chisato	055 (3B
Effects of the fluorescence energy error distribution on the UHECR energy spectrum	CARVALHO, Washington, Jr.	057 (3B
Trigger for Ultra High Energy Cosmic Rays detection for LOFAR	SINGH, Kalpana	058 (3B

Constraints on ton down models for the origin of HHECDs from the Distress August	SEMIKOZ, Dmitri	059 (3B
Constraints on top-down models for the origin of UHECRs from the Pierre Auger Observatory data	SEMINOZ, DITIUT	000 (00
Search for coincidences in time and arrival direction of the Auger data with astrophysical transients	ANCHORDOQUI, Luis	060 (3B
Search for Gamma Ray Bursts using the single particle technique at the Pierre Auger Observatory	BERTOU, Xavier	061 (3B
Search for Large-Scale Anisotropy with HiRes Data	HUENTEMEYER, Petra	063 (3B
An Upper Limit On The Cosmic Gamma Ray Flux Above 40 EeV Using HiRes Stereo	O'NEILL, Andrew	064 (4A
Alternative Methods to Finding Patterns in HiRes Stereo Data	JUI, Charlie	065 (4A
Neutrino and Gamma Ray Flux Expectations from HiRes Monocular Fits	BRUSOVA, Olga	066 (4A
HiRes Limits on Point-Like Sources of Cosmic Rays with Energy Above 10^18.5 eV	KIRN, Malina	067 (4A
Power Laws and the Cosmic Ray Energy Power Laws and the Cosmic Ray Energy Spectrum	HAGUE, John	068 (4A
Lateral distribution and the energy determination of showers along the ankle	ROS, Germán	069 (4A
Maximum Likelihood Method for Ultrahigh Energy Cosmic Ray Cross Correlations with Astrophysical Sources	JANSSON, Ronnie	070 (4A
Analysis of the Arrival Time of Succesive Air Showers by using Erlang Distribution	TAKAHASHI, Nobusuke	071 (4A
Stereo Reconstruction at HiRes	HANLON, william	072 (4A
Overview and Status of the Astrophysics Science Project Integrating Research and Education (ASPIRE)	CALLAHAN, Julie BELZ, John	073 (4A
Identifiability of UHE Gamma-ray Air Showers by Neural-Network-Analysis	WADA, Yoshimitsu	074 (4B
The Dependence of the 22Ne/20Ne Ratio on the Distribution of Massive Stars in the Galaxy	FARAHAT, Ashraf	085 (5A
NASA Balloon Program Capabilities in Support of Cosmic Ray Research	SAID, Magdi	087 (5A
Conceptual design of a charge identifier array for cosmic ray composition measurements in CALET	MARROCCHESI, Pier Simone	088 (5A
Synchrotron radiation from primary cosmic ray electrons: Monte Carlo studies of event topographies and potential backgrounds at balloon altitudes	NUTTER, Scott	089 (5A
THE FLIGHT ELECTRONICS SYSTEM FOR THE COSMIC RAY ELECTRON SYNCHROTRON TELESCOPE (CREST) EXPERIMENT	TARLE, G.	090 (5A
Test of front-end electronics with large dynamic range coupled to SiPM for space-based calorimetry	MARROCCHESI, Pier Simone	091 (5A
Beam test results of pixelated silicon sensors for the charge identification of cosmic rays	MARROCCHESI, Pier Simone	092 (5A
Secondary electron spectrum in the upper atmosphere	KOMORI, yoshiko	093 (5A
The PAMELA neutron detector operating on the orbit	STOZHKOV, Yuri	094 (5A
A Monte Carlo study to measure the energy spectra of the primary heavy components at the knee using a new Tibet AS core detector array and a large underground muon detector array	HUANG, Jing	095 (5B
Analysis of primary cosmic ray proton and helium components at the knee energy region with the Tibet hybrid experiment	OUCHI, Tatsumi	096 (5B

Modern status of recording system elements of the INCA project	MUKHAMEDSHIN, Rauf	097 (5B)
Next Generation TRD for CREAM Using Gas Straw Tubes and Foam Radiators	MALININ, Alexander	099 (5B
Revised Energy Spectra for Primary Elements, H - Si, above 50 GeV from the ATIC-2 Science Flight	WEFEL, John	100 (5B)
Future plan for observation of cosmic gamma rays in the 100 TeV energy region with the Tibet air shower array : simulation and sensitivity	SAKO, Takashi	101 (5B)
Pamela experiment: Flight data receiving and quicklook	MIKHAILOV, Vladimir	104 (5B)
The TOF system of the PAMELA Experiment: In-orbit performance	MENN, Wolfgang	105 (5B)
Synchrotron radiation of cosmic ray electrons in the anomalous diffusion model	BUGAYOV, V	108 (6A)
Hard particle spectra from parallel shocks due to turbulence transmission	TAMMI, Joni	109 (6A)
Cosmic ray source abundances from the high energy CREAM measurements	CHILDERS, Taylor	110 (6A)
CREAM Timing Charge Detector: Timing Analysis	CHILDERS, Taylor	111 (6A)
Relative abundances of heavy ions measured by the CREAM-II Silicon Charge Detector	PARK, N.H.	112 (6A)
Effect of albedo particles on charge measurements	YANG, J.	113 (6A)
GEANT4-Based Model of the CREAM Timing Charge Scintillation Detector	MOGNET, Samuel	114 (6A)
Construction and Performance of a Silicon Beam Tracker	AHN, H. S.	115 (6A)
Co/Ni Ratio Between ~0.8 - 5.0 GeV/nucleon from the TIGER Antarctic Flights	DE NOLFO, G. A.	116 (6B)
Capability of Extended Air Shower Arrays for Gamma-Ray Astronomy	SMITH, Andrew	117 (6B)
A study on the boron to carbon ratio inside and outside spiral arms	BUESCHING, Ingo	118 (6B)
Improved CREAM Data Acquisition System with USB 2.0 Interface	SEO, Eun-Suk	119 (6B)
The Sulfur, Argon, and Calcium Isotopic Composition of the Galactic Cosmic Ray Source	OGLIORE, R.C.	120 (6B)
The Status of the Track Imaging Cerenkov Experiment	WISSEL, Stephanie	121 (6B)
Large scaled observation program of ultra heavy nuclei in galactic cosmic rays	HASEBE, Nobuyuki	123 (6B)
Calibration of the CREAM-I calorimeter	YOON, Y. S.	124 (6B)
Development of high resolution solid-state track detector for ultra heavy	KODAIRA, Satoshi	125 (6B)
High performance measurement system of large area solid-state track	KODAIRA, Satoshi	127 (7A)
Balloon observation of electrons and gamma rays with CALET prototype	SHIMIZU, Yuki	130 (7A)
Development of a high dynamic range read-out system using multi-photodiode for the Total Absorption Calorimeter of CALET	KATAYOSE, yusaku	131 (7A)
Development of Data Acquisition System for CALET on the ISS	SHIMIZU, Yuki	132 (7A)
In-orbit performances of the magnetic spectrometer of PAMELA	BONGI, Massimo	134 (7A)
On the instabilities and scattering of diffusive shock acceleration	DIMITRAKOUDIS, Stavros	135 (7A)
A Cherenkov imager for nuclear cosmic-rays charge measurement in the CREAM experiment	BUÉNERD, Michel	136 (7A)
Studies on properties of relativistic diffusive shock acceleration	MASTICHIADIS, Apostolos	137 (7B)
Particle acceleration in relativistic, subluminal shock environments	LUENEMANN, Jan	138 (7B)
The AMS-RICH velocity and charge reconstruction	BARAO, F.	139 (7B)

Energy Spectra of Cosmic-Ray Hydrogen and Helium Isotopes during the 2000 Solar Maximum	SEO, Eun-Suk	140 (7B
Ring Imaging Cherenkov detector (RICH) for the AMS experiment	MALININ, A.	141 (7B
SCROD: An Update	SWAIN, John	142 (7B
A High Resolution MultiAnode Photomultiplier Camera for the Track Imaging Cerenkov Experiment	BYRUM, Karen	143 (7B
Ranging of Extensive Airshowers by Spectral Measurements	PAUL, Thomas SWAIN, John	144 (7B
All-Particle Spectrum Measured by the ATIC Experiment	AHN, Hoseok	145 (7B
The BGO anticoincidence system of the PoGOLite balloon-borne soft gamma-ray polarimeter.	MARINI-BETTOLO, Cecilia	147 (7B
BESS-Polar II experiment	HAMS, Thomas	148 (8A
In-orbit counting rates measured by the PAMELA anticoincidence system	ORSI, Silvio	149 (8A
The Second Level Trigger of the PAMELA Space Experiment	ORSI, Silvio	150 (8A
The end of the Galactic spectrum	DE DONATO, Cinzia	151 (8A
Instrumentation and performance of the Water Cerenkov detector array at Sierra La Negra site	SALAZAR, Humberto	153 (8A
FORECAST OF THE SOLAR PROTON EVENTS ACCORDING TO THE RIGIDITY SPECTRUM VARIATIONS OF COSMIC RAYS	KRYAKUNOVA, Olga	158 (8B
Comparing the ENA data to Voyager 1 ion measurements in the heliosheath: the puzzle of the H/He ratio	CZECHOWSKI, Andrzej	162 (8B
Recurrent variations in the high-energy cosmic ray intensity	GERASIMOVA, Sardaana	165 (8B
Modulation of Proton Fluxes at ~5 AU during the Largest SEP Events of 2005	STRUMINSKY, Alexei	166 (8B
Acceleration of solar cosmic rays in stochastic non-Gaussian electric fields	ZIMOVETS, Ivan	167 (8B
Waiting time distribution of emissions in complex Coronal Mass Ejections	MENDEZ BERHONDO, Adolfo	168 (8B
Simulations of hard $\mathbf X$ ray and gamma ray response in CsI(Tl) scintillator detector	KUDELA, Karel	169 (9A
Real-time database for high resolution Neutron Monitor measurements	STEIGIES, Christian T.	170 (9A
STUDY OF TWO MAJOR FORBUSH DECREASE EVENTS OF 2005	CHAUHAN, M.L	171 (9A
Rapid cosmic ray fluctuations in real-time during the SEP events in December 2006	STARODUBTSEV, Sergey	172 (9A
Comparison of theoretical and experimental values of the decay rate of SEP events	KECSKEMETY, Karoly	173 (9A
Travel delays of impulsive SEPs due to turbulent lengthening of the solar wind magnetic field lines	KAHLER, Stephen	174 (9A
OSSE satellite and neutron monitor observations of solar neutrons in association with 1991 June 4 flare	WATANABE, Kyoko	175 (9A
Physics of ion acceleration in the solar flare on 2003 October 28 determines gamma-ray and neutron production	WATANABE, Kyoko	176 (9A
Latitudinal distribution of galactic cosmic ray density and its effect on the CIR-driven modulations of density and density gradient measured by the Muon detector network	OKAZAKI, Yoshitaka	178 (9A
399-day variations in solar-wind parameters	TIMOFEEV, Vladislav	180 (9B
	VERMA, PL	181 (9B

Geant4 applications in the heliospheric radiation environment	TOMÉ, Bernardo	182 (9B)
VARIATIONS OF PARAMETERS OF RIGIDITY SPECTRUM OF COSMIC RAYS DURING EVENTS OF JANUARY, 2005	KRYAKUNOVA, Olga	183 (9B)
Gnevyshev gap in the frequency of cosmic ray decreases and Dst index	AHLUWALIA, Harjit	184 (9B)
Upper limits on high-energy solar neutrons from satellite-detected flares with the Yangbajing neutron monitor	TSUCHIYA, HARUFUMI	185 (9B)
Determination of ICME Geometry and Orientation from Ground Based Observations of Galactic Cosmic Rays	KUWABARA, Takao	186 (9B)
Heliospheric Physics with IceTop	KUWABARA, Takao	187 (10A
Energetic Solar Particle Charge Behavior During Source Acceleration	PEREZ-PERAZA, JORGE	188 (10A
Globally Non-Simultaneous Forbush Decrease Events	OH, Su Yeon	190 (10A
Magnetic Strom Associated with Energetic Particle Event of January 21, 2005	HAREYAMA, Makoto	191 (10A
Upstream events and recurrent CIR-accelerated particle events observed by Stereo/SEPT	MÜLLER-MELLIN, Reinhold	192 (10A
THE SEPARATION OF THIN STRUCTURE WITH TIMESCALE 33-92 S ON SOLAR FLARES OBSERVED IN JANUARY 2005 TEMPORAL PROFILES IN ENERGY BANDS CORRESPONDING TO SPECTRAL LINES IN ENERGY BAND OF 0.1-20 MeV BY AVS-F APPARATUS DATA	MIROSHNICHENKO, Leonty	193 (10A
First results of the new Muon Spaceweather Telescope for Anisotropies at Greifswald (MUSTAnG).	HIPPLER, Rainer	194 (10A
Particle acceleration at the interactions of shocks and discontinuities	NEMETH, Zoltan	196 (10A
Forecasting of radiation hazard and the inverse problem for SEP propagation and generation in the frame of anisotropic diffusion and in kinetic approach	DORMAN, Lev	197 (10B
Energy spectrum for the solar neutron event of September 7 2005, derived from the SNT at Sierra Negra.	GONZÁLEZ, Luis Xavier	198 (10B
Observations of Corotating Interaction Regions from STEREO and ACE	LESKE, Richard	199 (10B
Analytical model for expansion speed for Limb CMEs	MUÑOZ MARTÍNEZ, Guadalupe	200 (10B
The Mexican Array Radio Telescope (MEXART). An Interplanetary Scintillation Array in Mexico in the IHY2007	AMERICO, Gonzalez-Esparza	201 (10B
Magnetic Clouds: The cylindrical elliptic approach	MALANDRAKI, Olga	202 (10B
Production cross section of antiprotons in proton-proton collision	SHIBATA, Toru	126 (6B)

Thursday 05 July 2007

Posters 1 + Coffee - Regency (Hyatt) (14:45-16:15)

OG 1.1, 1.2, 1.3, 1.4, 1.5; HE 1.1.A, 1.1.B, 1.2.A, 1.2.B, 1.3.A, 1.3.B, 1.4.A, 1.4.B; SH 1.2-1.7, 2.1-2.4