

XXV European Cosmic Ray Symposium

Monday, 5 September 2016

Parallel: Parallel 1A - Aula Blu (16:30 - 17:45)

-Conveners: Erwin FLUECKIGER

time	[id] title	presenter
16:45	[42] Galactic Cosmic Ray Proton Spectra during Solar Cycle 23 and 24 - Measurement Capabilities of the Electron Proton Helium Telescope on Board SOHO	Mr KÜHL, Patrick
17:00	[108] New measurement on the time dependence of the cosmic-ray electrons and positrons by the PAMELA experiment between July 2006 and December 2015.	MUNINI, Riccardo
17:15	[67] Acceleration of Particles by Shock Waves in the Solar Atmosphere	Mrs PETUKHOVA, Anastasia
17:30	[111] Forbush Decreases during the deep minimum and mini-maximum of solar cycle 24	Mrs LINGRI, Dimitra

Parallel: Parallel 1B - Aula Gialla (16:30 - 18:15)

-Conveners: Anatoly Petrukhin

time	[id] title	presenter
16:30	[33] Search for Cosmic Ray Anisotropy with the Alpha Magnetic Spectrometer on the International Space Station	LA VACCA, Giuseppe
16:45	[63] The methods of uncertainty estimation for the large-scale anisotropy measurement in the PAMELA experiment	Dr KARELIN, Alexander
17:00	[137] Anisotropies in GeV-TeV cosmic ray electron and positron fluxes	Ms MANCONI, Silvia
17:15	[24] Secondary cosmic ray nuclei in the light of the Single Source Model	Prof. ERLYKIN, Anatoly
17:30	[27] Precision Measurement of Boron-to-Carbon ratio in Cosmic Rays from 2 GV to 2 TV with the Alpha Magnetic Spectrometer on the International Space Station.	Dr FORMATO, Valerio
17:45	[30] Precision Measurement of the Carbon to Helium Flux Ratio in Cosmic Rays from 2 GV to 2 TV with the Alpha Magnetic Spectrometer on the International Space Station	Mr LI, Yang
18:00	[113] Measurements of Cosmic-Ray Lithium and Beryllium Isotopes with the PAMELA-Experiment	Dr MENN, Wolfgang

Tuesday, 6 September 2016

Parallel: Parallel 2A - Aula Blu (11:00 - 12:15)

-Conveners: Ilya Usoskin

time	[id] title	presenter
11:00	[36] Spectral and angular characteristics of SEPs during the Halloween GLE events	Dr MISHEV, Alexander
11:30	[95] How hard are strong Ground Level Enhancement (GLE) events?	Ms ASVESTARI, Eleanna
12:00	[106] Assessment of Source and Transport Parameters of Relativistic SEPs Based on Neutron Monitor Data	Dr BÜTIKOFER, Rolf

Parallel: Parallel 2B - Aula Gialla (11:00 - 12:45)

-Conveners: Frank SCHROEDER

time	[id] title	presenter
11:00	[78] Radio detection of cosmic rays with the Auger Engineering Radio Array.	Mr GATÉ, Florian
11:15	[20] The Tunka Radio Extension, an antenna array for high-energy cosmic-ray detection	Mrs KAZARINA, Yulia
11:30	[103] Characteristics of EAS neutron component obtained with PRISMA-32 array	Dr GROMUSHKIN, Dmitry
11:45	[100] New detectors of the Experimental complex NEVOD for multi-component EAS detection	Prof. YASHIN, Igor
12:00	[101] Detection of extensive air showers with the NEVOD-EAS cluster type detector	Mr SHULZHENKO, Ivan
12:15	[110] The Extreme Energy Events array: status, perspectives and results	GNESI, Ivan
12:30	[152] The EUSO@TurLab project	Dr MIYAMOTO, Hiroko

Parallel: Parallel 3A - Aula Blu (14:30 - 16:15)

-Conveners: Igor Yashin

time	[id] title	presenter
14:30	[14] Measurement of specific number of muon-induced neutron using Large Volume Detector	Dr AGAFONOVA, Natalia
14:45	[123] Effect of pressure and temperature corrections on muon flux variability at ground level and underground	Mr SAVIC, Mihailo
15:15	[109] Results of measurements of the flux of albedo muons with NEVOD-DECOR experimental complex	Dr KHOKHLOV, Semen
15:30	[82] Muon hodoscope study of characteristics of Forbush decreases accompanied by magnetic storms	Dr BARBASHINA, Natalia
15:45	[85] Investigation of muon flux anisotropy during CME	Mr ASTAPOV, Ivan
16:00	[26] Model CRAC:PPII for atmospheric ionization due to precipitating protons	ARTAMONOV, Anton

Parallel: Parallel 3B - Aula Gialla (14:30 - 16:30)

-Conveners: Rosa Coniglione

time	[id] title	presenter
14:30	[13] The Local Bubble in the interstellar medium and the origin of the low energy cosmic rays	Prof. WOLFENDALE, Arnold
14:45	[7] HelMod: a Comprehensive Treatment of the Cosmic Ray transport through the Heliosphere	GRANDI, Davide
15:00	[118] Nonlocal relativistic diffusion (NORD) model covering diffusive, superdiffusive and ballistic regimes of cosmic ray transport in the Galaxy	Dr SIBATOV, Renat
15:15	[6] WHAT ARE THE IMPLICATIONS OF A DYNAMIC SPIRAL-ARMED PARTICLES PROPAGATION MODEL ON VARIOUS ASPECTS OF COSMIC RAYS?	Mr BENYAMIN, David
15:30	[112] Study of the muon component of the extensive air showers initiated by ultra high energy primary cosmic rays	Dr DEVI, Moon Moon
15:45	[124] Ultra-forward particle production from CGC+Lund fragmentation	Mr GUERRERO RODRÍGUEZ, Pablo
16:00	[60] On the inverse problem for extragalactic cosmic ray nuclei with energies 10^{18} to 10^{20} eV	Dr ZIRAKASHVILI, Vladimir
16:15	[83] Energy characteristics of multi-muon events in a wide range of zenith angles	BOGDANOV, A.

Wednesday, 7 September 2016

Parallel: Parallel 4A - Aula Blu (11:00 - 12:30)

-Conveners: Karoly Kecskemety

time	[id] title	presenter
11:00	[34] Application of a full chain analysis using neutron monitor data for space weather studies	Dr MISHEV, Alexander
11:30	[135] Solar energetic particle events measured by the PAMELA mission	Dr BRUNO, Alessandro
11:45	[40] Solar modulation of galactic deuterons in PAMELA experiment	Dr KOLDOBSKIY, Sergey
12:00	[122] The electronics of the HEPD of the CSES experiment	Dr SCOTTI, VALENTINA
12:15	[18] Major solar energetic particle events on the multi-millennial time scale: Fluence above 200 MeV	Prof. USOSKIN, Ilya

Parallel: Parallel 4B - Aula Gialla (11:00 - 12:45)

-Conveners: Joerg Hoerandel

time	[id] title	presenter
11:00	[127] High-energy neutrino astronomy with KM3NeT-ARCA	CONIGLIONE, Rosa
11:15	[136] Prospects for measuring the Neutrino Mass Ordering with KM3NeT/ORCA	HOFESTADT, Jannik
11:30	[28] Development of a Machine Learning Based Analysis Chain for the Measurement of Atmospheric Muon Spectra with IceCube	Mr FUCHS, Tomasz
11:45	[55] Search for Neutrino Generated Air Shower Candidates with energy more than 5×10^{18} eV and zenith angle $\theta \geq 50^\circ$	Mr PETROV, Igor
12:00	[77] Energy spectrum of cascade showers generated by cosmic ray muons in water	KOKOULIN, R.P.
12:15	[81] Search for strange matter particles with the ANTARES detector	Dr PAVALAS, Gabriela Emilia
12:30	[143] Neutrino oscillations in nuclear media and Lorentz invariance violation	Mr ALAVI, S.A.

Parallel: Parallel 5A - Aula Blu (16:15 - 18:00)

-Conveners: Raul GOMEZ HERRERO

time	[id] title	presenter
16:15	[29] Quasi-periodic changes in the galactic cosmic rays intensity related to the α - ω effect on the Sun	Dr GIL, Agnieszka
16:30	[50] ON NATURE OF AN ANOMALY INCREASE OF THE GALACTIC COSMIC INTENSITY IN THE MINIMUM PHASE OF FORBUSH DECREASE 22 JUNE, 2015	Prof. ALANIA, Michael
16:45	[86] TRAGALDABAS: first results on cosmic ray studies and their relation with the solar activity, the Earth's magnetic field and the atmosphere properties.	Dr GARZON, Juan A.
17:00	[119] Forbush decreases caused by expanding ICMEs: analytical model and observation	Dr DUMBOVIC, Mateja
17:15	[121] Cosmic ray anisotropy in the different situations of the solar wind	Mrs ABUNINA, Maria
17:45	[141] Stochastic modeling of the short-time variation of cosmic rays	Dr WAWRZYNCZAK, Anna

Parallel: Parallel 5B - Aula Gialla (16:15 - 18:00)**-Conveners: Andrew Taylor**

time	[id] title	presenter
16:15	[107] Precision Measurement of the Proton Flux in Primary Cosmic Rays from 1 GV to 1.8 TV with the Alpha Magnetic Spectrometer on the International Space Station.	Dr CONSOLANDI, cristina
16:30	[145] The first preliminary results of the astrophysical experiment NUCLEON.	Dr PANOV, Alexander
16:45	[159] the DAMPE space mission: first data	Dr GARGANO, Fabio
17:00	[130] Study of the performance of the HEPD apparatus for the CSES mission	Dr PANICO, Beatrice
17:15	[8] From Observations near the Earth to the Local Interstellar Spectra	MASI, Nicolò
17:30	[93] Bayesian analysis of Cosmic Ray Propagation Parameters of Spatial Dependent Model: antiproton-to-proton ratio is consistent with Two-Halo-Model prediction.	Mr FENG, Jie
17:45	[190] Lomonosov satellite: the first results	Prof. PANASYUK, Mikhail

Thursday, 8 September 2016

Parallel: Parallel 6A - Aula Blu (11:00 - 12:30)

-Conveners: Olivier Deligny

time	[id] title	presenter
11:00	[16] New analysis for the correlation between gravitational waves and neutrino detectors during SN1987A	GALEOTTI, Piero
11:15	[148] Past present and future. Dark Matter searches with MAGIC.	DORO, Michele
11:30	[155] Status of the XENON1T Experiment	GARBINI, Marco
11:45	[87] Indications for a cascade component in gamma-ray blazar spectra	DZHATDOEV, Timur
12:00	[12] The core collapse supernova rate from 24 years of data of the Large Volume Detector	Dr VIGORITO, Carlo Francesco
12:15	[132] Realistic estimation for the detectability of Dark Matter sub-halos in the 3FGL and 2FHL Fermi-LAT catalogs	Dr DI MAURO, MATTIA

Parallel: Parallel 6B - Aula Gialla (11:00 - 12:45)

-Conveners: Sergey Ostpachenko

time	[id] title	presenter
11:00	[19] Antimatter observations in cosmic rays: cross-field hypotheses and consequences consistency	Dr GRIMANI, Catia
11:15	[47] Latest applications and results with the GALPROP cosmic-ray propagation code	Dr ORLANDO, Elena
11:30	[37] High Statistics Measurement of the Positron Fraction in Primary Cosmic Rays with the Alpha Magnetic Spectrometer on the International Space Station	Mr CAROFF, Sami
11:45	[45] Electron and Positron Fluxes in Primary Cosmic Rays Measured with the Alpha Magnetic Spectrometer on the International Space Station	GRAZIANI, Maura
12:00	[41] Precision measurement of the (e+ + e-) flux in primary cosmic rays from 0.5 GeV to 1 TeV with the Alpha Magnetic Spectrometer on the International Space Station	Prof. VECCHI, Manuela
12:15	[74] Secondary positrons and electrons measured by PAMELA experiment	Dr MIKHAILOV, Vladimir
12:30	[44] PRECISION MEASUREMENT OF ANTIPROTON TO PROTON RATIO WITH THE ALPHA MAGNETIC SPECTROMETER ON THE INTERNATIONAL SPACE STATION	NOZZOLI, Francesco

Parallel: Parallel 7A - Aula Blu (16:30 - 18:15)

-Conveners: Valeria Di Felice

time	[id] title	presenter
17:00	[131] Multispacecraft observation of solar particle events contribution in the space radiation exposure on electronic equipment at different orbits	Dr PROTOPOPOV, Grigory
17:15	[154] First Results from CO.R.A. Project	ZANINI, Alba
17:30	[56] Analysis of Superflare "Isotopic Imprints" in Lunar and Terrestrial Samples	Dr STRUMINSKY, Alexei
17:45	[98] Production of cosmogenic radionuclides Be-7, Be-10, C-14, Na-22 and Cl-36 in the Earth's atmosphere: altitudinal profiles and yield functions	Mr POLUIANOV, Stepan

Parallel: Parallel 7B - Aula Gialla (16:30 - 18:15)**-Conveners: Mirko Boezio**

time	[id] title	presenter
16:45	[46] Measurement of the depth of maximum of air-shower profiles at the Pierre Auger Observatory and its composition implications	DE SOUZA, vitor
17:00	[70] Particle physics aspects in air shower measurements with the Pierre Auger Observatory	Dr ROTH, Markus
17:15	[153] EUSO-TA fluorescence detector	Dr BISCONTI, Francesca
17:30	[75] The AugerPrime upgrade of the Pierre Auger Observatory	Prof. SUOMIJARVI, Tiina
17:45	[142] The space road to UHECR studies in the large exposure era: JEM-EUSO and its pathfinders	FENU, Francesco