

The 27th European Cosmic Ray Symposium

Monday, 25 July 2022

Parallel 2: NU - Neutrino Astronomy (14:00 - 15:30)

time	[id] title	presenter
14:00	[44] The Baikal-GVD telescope follow-up analysis of the IceCube neutrino alerts	DIK, Viktoriya
14:15	[59] GRB neutrino searches with ANTARES and KM3NeT	ZEGARELLI, Angela
14:30	[76] Selection techniques of neutrino-induced cascades in the Baikal-GVD neutrino telescope	BARDAČOVÁ, Zuzana
14:45	[101] Forecasted Sensitivity of IceCube-Gen2 to the Astrophysical Diffuse Spectrum	KOCHOCKI, Alina
15:00	[142] Towards Neutrino Detections with the Radio Neutrino Observatory Greenland (RNO-G)	PLAISIER, Ilse COLLABORATION, RNO-G
15:15	[157] A novel multimessenger study of Starburst galaxies: implications for neutrino astronomy	MARINELLI, Antonio

Parallel 2: SH - Solar and Heliospheric cosmic rays (16:00 - 18:00)

time	[id] title	presenter
16:00	[33] TIME-DEPENDENT PROPAGATION TIMES AND ENERGY LOSSES OF PROTONS IN THE HELIOSPHERE: A SOLAR MODULATION MODELLING IN LIGHT OF NEW COSMIC-RAY DATA FROM OBSERVATIONS	KHALI, Behrouz
16:30	[92] Atmospheric cutoff energies for cosmic rays registered by polar neutron monitors	POLUIANOV, Stepan
16:45	[37] Galactic cosmic rays as signatures of coronal mass ejections	DUMBOVIC, Mateja
17:00	[31] Extensive survey of NM databases with source recommendation list	VÄISÄNEN, Pauli
17:15	[40] Periodic variations of GCR intensity and anisotropy related to solar rotation by ACE/CRIS, STEREO, SOHO/EPHIN and neutron monitors observations	MODZELEWSKA, Renata
17:30	[20] The first GLE (# 73 – 28-Oct-2021) of solar cycle 25: a study using space-borne and NM data	MISHEV, Alexander
17:45	[18] Inference of the Local Interstellar Spectra of Cosmic-Ray Nuclei $Z \leq 28$ with the GALPROP–HELMOD Framework: Prediction Capability and Hints of Excesses	MASI, Nicolo'

Tuesday, 26 July 2022

Parallel 2: GA - Gamma Ray Astronomy (14:00 - 15:30)

time	[id] title	presenter
14:00	[58] Young massive stellar clusters as cosmic-ray sources: the case of Westerlund 1	MOHRMANN, Lars
14:15	[73] The performance of the half density ALPACA	THE ALPACA COLLABORATION
14:30	[78] A new mode change in the variable gamma-ray pulsar PSR J2021+4026	FIORI, Alessio
14:45	[81] Scientific highlights from the MAGIC gamma-ray telescopes	RICO, Javier
15:00	[104] Observation of multi-ten TeV to sub-PeV gamma rays from the HESS J1843-033 region with the Tibet air shower array	KATO, Sei

Parallel 2: SH - Solar and Heliospheric cosmic rays (16:00 - 18:00)

time	[id] title	presenter
16:00	[64] A new reconstruction of solar energetic particle fluence for GLE events	KOLDOBSKIY, Sergey
16:15	[96] Precision Measurement of Periodicities in the Daily Proton Fluxes with the Alpha Magnetic Spectrometer	JIA, Yi Mr MARQUARDT, Johannes Mr MIKHAILOV, Vladimir
16:30	[131] Chaos, Cosmic Ray Anisotropy, and the Heliosphere	LÓPEZ-BARQUERO, Vanessa
16:45	[109] Precision measurement of daily electrons fluxes by AMS	SU, Tong
17:00	[87] Studies of cosmic-ray solar modulation with the PAMELA experiment	LENNI, Alex
17:15	[62] The HelMod model as a tool for the space radiation environment assessment	LA VACCA, Giuseppe
17:30	[41] The mechanism of efficient electron acceleration at parallel non-relativistic shocks	SHALABY, Mohamad
17:45	[35] Annual integral solar proton fluences since 1984: New reconstruction from GOES data	USOSKIN, Ilya

Wednesday, 27 July 2022

Parallel 2: GEO + SW - Space Weather + Cosmic Rays at Earth and planets (14:00 - 15:30)

time	[id] title	presenter
14:00	[54] The synergy between High-energy Physics in Atmosphere and Cosmic Ray Physics	CHILINGARIAN, Ashot
14:15	[94] Modeling of the Earth atmosphere specific yield function	MAURCHEV, Evgenii
14:30	[133] Gamma ray bursts detection capabilities of a sudden ionospheric disturbance (SID) detector.	SAPUNDJIEV, Danislav
14:45	[105] Precision Measurement of low energy positron fluxes by AMS	GRAZIANI, Maura
15:00	[60] The cosmic-ray shadow of the Sun observed with the Tibet air shower array, as a probe of the solar magnetic field	TAKITA, Masato

Parallel 2: INSTR - Instrumentation (16:00 - 18:00)

time	[id] title	presenter
16:00	[136] Global Cosmic Rays Observatory (GCOS)	MARIS, Ioana
16:15	[99] The High Energy cosmic-Radiation Detection (HERD) facility: a future space instrument for cosmic-ray detection and gamma-ray astronomy	BERTI, Eugenio
16:30	[108] The ALPACA experiment: observing sub-PeV γ -rays in the Southern Hemisphere	ANZORENA, Marcos
16:45	[120] The Southern Wide-field Gamma-ray Observatory	SCHORLEMMER, Harm
17:00	[117] A prototype tank for the SWGO detector	GRUSOVIN, Sofia
17:15	[147] CREAM LED Data Analysis	AGGARWAL, Shrey
17:30	[102] The GAPS Instrument and Detection Technique	FELDMAN, Sydney
17:45	[132] Future searches for antimatter in cosmic-rays with magnetic spectrometers	IUPPA, Roberto

Thursday, 28 July 2022

Parallel 2: GA - Gamma Ray Astronomy (14:00 - 15:30)

time	[id] title	presenter
14:00	[75] Anisotropic diffusion cannot explain TeV halos	DE LA TORRE LUQUE, Pedro
14:15	[39] Modelling the gamma-ray diffuse emission of the Galaxy up to PeV	GRASSO, Dario
14:30	[43] Gamma/hadron discrimination at high energies through the azimuthal fluctuations of the particle distributions at ground	CONCEIÇÃO, Ruben
14:45	[71] Cosmic-ray variations between local atomic filaments	KAMAL YOUSSEF, Francois
15:00	[119] Imprints of the Galactic magnetic field on gamma-ray data	ORLANDO, Elena
15:15	[135] Constraining the primary proton spectrum of the hadronic PeVatron candidate HAWC J1825-134	DZHATDOEV, Timur

Parallel 2: INSTR - Instrumentation (16:00 - 18:00)

time	[id] title	presenter
16:00	[45] R&D and production of scintillation detectors for the IceCube Surface Array Enhancement	., Shefali .
16:15	[124] The GECCO Mission and its Science	BOTTACINI, Eugenio
16:45	[46] Development of a Modern Open Source Magnetospheric Computation Tool	LARSEN, Nicholas
17:00	[70] The NUSES space mission	DI SANTO, Margherita
17:15	[134] Capabilities of the GAMMA-400 gamma-ray telescope to detect high energy electron flux up to ~10 TeV from lateral directions.	MIKHAILOV, Vladimir
17:30	[112] A SiPM Multichannel ASIC for high Resolution Cherenkov Telescopes (SMART) developed for the pSCT camera telescope	Dr PANTALEO, Francesca Romana
17:45	[158] Acoustic Neutrino Detection In a Adriatic Multidisciplinary Observatory (ANDIAMO)	MARINELLI, Antonio