

The 4th International Symposium on Cosmic Rays and Astrophysics (ISCRA-2023)

Tuesday 27 June 2023

Cosmo- and geophysical aspects of cosmic rays at the ground level - B-100 (17:00-18:00)

time	[id] title	presenter
17:00	[1] A nuclear emulsion detectors for the muonography of underground structure of Holy Dormition Pskov-Caves Monastery	Dr POLUKHINA, Natalia
17:15	[10] The latest results obtained on the LVD experiment	FILIMONOVA, Natalia
17:30	[60] Influence of atmospheric fronts on cosmic ray muon flux	TIMAKOV, Stanislav
17:45	[40] Event reconstruction method in a hybrid muon hodoscope	PASIUK, Nikita

Wednesday 28 June 2023

Cosmo- and geophysical aspects of cosmic rays at the ground level - B-100 (14:30-16:00)

time	[id] title	presenter
14:30	[21] Formation of a Forbush decrease in a magnetic cloud by the electromagnetic mechanism	PETUKHOVA, Anastasia
14:45	[63] The modeling of the cosmic ray particles interaction with the Earth's atmosphere during the GLE events	MAURCHEV, Evgenii
15:00	[8] Calculation of geomagnetically trapped proton flux from the PAMELA experimental data.	MALAKHOV, Vitaly
15:15	[75] Testing the mezofractal power spectrum for ISM by comparing with numerical MHD calculations	KOZHEMYAKIN, Ilya
15:30	[26] High-energy magnetospheric electron flux enhancements and the parameters of interplanetary and near-Earth medium	KRYAKUNOVA, Olga
15:45	[50] Cosmic ray accelerator in the inhomogeneous heliosphere and its impact on the inhabitants of the Earth	VYSIKAYLO, Philipp

Thursday 29 June 2023

Cosmo- and geophysical aspects of cosmic rays at the ground level - B-100 (12:00-13:15)

time	[id] title	presenter
12:00	[5] Selection of the solar-diurnal anisotropy of cosmic rays by local and global methods	SHLYK, Nataly
12:15	[16] Cosmic ray variations of magneospheric and atmospheric origin in September 2017	KOVALEV, Ivan
12:30	[30] Acceptance vectors of muon hodoscope URAGAN	KUZMENKOVA, Polina
12:45	[38] Forecast of strong geomagnetic storms in February-March 2023 based on measurements of fluctuations in the intensity of galactic cosmic rays	GOLOLOBOV, Petr
13:00	[9] Astrophysical aspects of multiple fragmentation of nuclei in nuclear emulsion	ZAITSEV, Andrei