

The 3rd International Symposium on Cosmic Rays and Astrophysics (ISCRA-2021)

Tuesday 08 June 2021

Cosmo- and geophysical aspects of cosmic rays - Zoom (14:55-17:30)

-Conveners: Yuri Stozhkov

time	[id] title	presenter
14:55	[54] Investigation of cosmic ray modulation effects by the regular sounding of charged particle fluxes in the atmosphere and on the ground	MAKHMUTOV, Vladimir
15:20	[26] Large scale modulation: view from the earth points	YANKE, Victor
15:45	[24] Geophysical aspect of the cosmic ray studies at the Tien Shan mountain station: monitoring of radiation background, investigation of atmospheric electricity phenomena in thunderclouds and the search for earthquake precursor effects.	RYABOV, Vladimir
16:10	[28] Solar energetic particles and trapped radiation in the near-Earth's Space: space experiments and modelling	KALEGAEV, Vladimir
16:35	[71] The TRASGO Program. Current status and first results	GARCIA-CASTRO, Damian
17:00	[19] Diagnostics of electromagnetic conditions in the heliosphere on effects in cosmic rays	SDOBNOV, Valeriy

Wednesday 09 June 2021

Cosmo- and geophysical aspects of cosmic rays - Zoom (14:40-15:50)

-Conveners: Yuri Stozhkov; Galina Bazilevskaya

time	[id] title	presenter
14:40	[16] Studies of heliospheric modulation of cosmic rays at ShICRA SB RAS and prospects of their further development	Mr GOLOLOBOV, Petr
15:05	[9] Variations of atmospheric muons and background measured with Large Volume Detector	Dr AGAFONOVA, Natalia
15:20	[41] Atmospheric effects of electron and muon components of cosmic rays: Sensitivity theory approach and data of operational satellite monitoring	VOLKOV, Nikolay
15:35	[20] On the very local interstellar spectra for galactic Helium-isotopes, deuteron, positrons and antiprotons	Prof. POTGIETER, Marius S

Thursday 10 June 2021

Cosmo- and geophysical aspects of cosmic rays - Zoom (10:00-12:00)

-Conveners: Vladimir Kalegaev

time	[id] title	presenter
10:00	[15] Muonography method and the prospects of its further development	Dr BARBASHINA, Natalia
10:25	[42] Muonography of large natural and industrial objects	POLUKHINA, Natalia SADYKOV, Zh.T.
10:50	[21] Muon tomography of large-scale objects	YASHIN, Igor
11:05	[14] Investigating thunderstorm activity in Moscow region via the method of muonography	KACHUR, Alexandra
11:20	[25] Application of digital processing of muonogram time series to the analysis of extreme events in the heliosphere	GETMANOV, Viktor
11:35	[34] Temperature effect of muons in the atmosphere and diagnostics of the thermobaric regime of the atmosphere using cosmic rays	KUZMENKO, Vasiliy