

**Program of the International Symposium
"Cosmic Rays and Radiation Environment of the Earth"**

Location: Fundamental Library and Intellectual Center of the Lomonosov Moscow State University, Leninskie Gory

October, 2

10:00 – 12:00 Opening Ceremony and Plenary Session

Academician Victor Sadovnichii, rector of Moscow State University

12:00 – 14:00 *Lunch*

14:00 - 18:00 Cosmic Rays Session

14:00-14:20 Y.I. Logachev (Russia)

The first measurements of cosmic radiation in space

14:20-14:40 F. Singer (USA)

The Pre-Sputnik era and Early Sputnik Discoveries

14:40-15:00 V. S. Ptuskin (Russia)

Cosmic ray acceleration in supernova remnants and transport in the Galaxy

15:00-15:20 J. P. Wefel (USA)

From Magnetospheres to High Energy Cosmic Rays: The Emergence of Particle Astrophysics in the Space Age

15:20-15:40 V. Jones (USA)

Scientific ballooning in Support of Strategic Astrophysics Space Mission

15:40-16:00 V.D. Kuznetsov (Russia)

Association with the X-ray flares and probability of the solar proton events

16:00 – 16:20 *Coffee brake*

16:20-16:40 B.A. Khrenov (Russia)

Ultra High Energy Proton and Neutrino Astronomy in Observing From Space the Fluorescence EAS Tracks in the Earth Atmosphere

16:40-17:00 A.A. Chilingarian (Armenia)

Cosmic Rays and Space Weather

17:00-17:20 A.M. Galper (Russia)

International Experiment RIM-PAMELA - Investigation of Galactic Cosmic Rays

17:20-17:40 K. Kudela (Slovakia)

Space Weather Research in IEP SAS Kosice: 30 years of experiments

October, 3

9:30-13:00 Space Radiation and Space Weather Session

9:30-9:50 R. Lundin (Sweden)

Terrestrial Magnetospheric Physics, a Gateway to Understand Cosmos?

9:50-10:10 S.I. Avdiushin (Russia)

Creation and Development of Russian Heliogeophysical Service

10:10-10:30 E.T. Sarris (Greece)

Tracing Magnetic Structures in the interplanetary Medium and the Magnetosphere with energetic particles

10:30-10:50 V.A. Sergeev (Russia)

Problems of magnetospheric dynamics related to particle acceleration

10:50-11:10 I. Daglis (Greece)

The contribution of plasma sheet and the ionosphere to the build-up of the storm ring current.

11:10 – 11:40 *Coffee brake*

11:40-12:00 A.A.Petrukovich (Russia)

Solar wind monitoring in the interests of space weather

12:00-12:20 T. Pulkkinen (Finland)

Global magnetospheric dynamics from simulation perspectives

12:20-12:40 S.G. Lakhina (India)

Space Weather Research in India

13.00-14.00 *Lunch*

14:00 Transfer to Space Research Institute