

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*

Cosmic Rays Session

14:00 - 14:20 **Y.I. Logachev** (Russia), *The first measurements of cosmic radiation in space*

14:20 -14:40 **S.I. Avdiushin** (Russia), *Creation and Development of Russian Heliogeophysical Service*

14:40 – 15:00 **J. P. Wefel** (USA), *From Magnetospheres to High Energy Cosmic Rays: The Emergence of Particle Astrophysics in the Space Age*

15:00 - 15:20 **V. S. Ptuskin** (Russia), *Cosmic ray acceleration in supernova remnants and transport in the Galaxy*

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 break*

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. Chillingaryan** (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

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 **V.E. Korepanov** (Ukraine), *Space weather and seismo-ionospheric coupling effects*
- 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 efficiency of particle acceleration in geospace as a key parameter in the transition from moderate magnetospheric activity to magnetic storms.*
- 11:10 – 11:40 *Coffee break*
- 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*