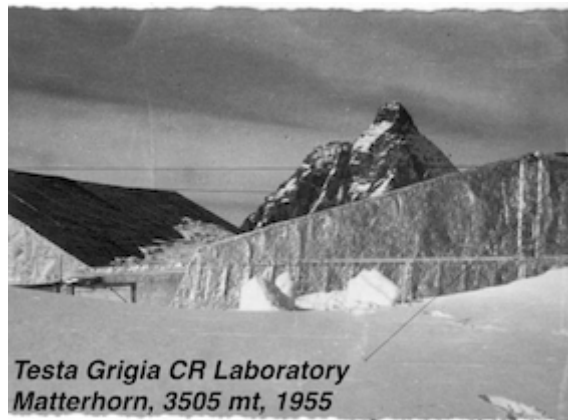


## **Session Program**

**Sep 4 - 9, 2016**



# **XXV European Cosmic Ray Symposium**

## ***Poster***

Torino

Physics Department, Via Pietro Giuria 1. Torino Esposizioni, Corso Massimo D'Azeglio 15

## Tue, September 6

4:30 PM

### Poster

**Poster Session** | **Location:** Torino Esposizioni, Torino Esposizioni

#### **Development of a SiPM camera demonstrator for the Cherenkov Telescope Array observatory telescopes**

**Speaker**

Valerio Vagelli

#### **Facilities of Athens Neutron Monitor Station (ANeMoS) to Space Weather**

**Speakers**

Anastasia Tezari, Dimitra Lingri

#### **A method of measuring parameters of an extensive air shower at Yakutsk EAS array**

**Speaker**

Mr Lev Timofeev

#### **The not so standard Neutron Monitor: An initiative for standardization and the PHENOMENON Package**

**Speaker**

Dr Christian Steigies

#### **Investigation of soft component in cosmic ray detection**

**Speaker**

László Oláh

#### **27-day variation of cosmic rays observed with the Global Muon Detector Network**

**Speakers**

Prof. Michael Alania, Dr Renata Modzelewska

#### **FEATURES OF TEMPORAL CHANGES OF AIR TEMPERATURE IN GEORGIA (TBILISI) AND IN POLAND (WARSAW)**

**Speakers**

Prof. Michael Alania, Dr Renata Modzelewska

#### **Utilization of a shallow underground laboratory for studies of the energy dependent CR solar modulation**

**Speaker**

Mr Nikola Veselinovic

#### **INTERPLANETARY MAGNETIC FIELD TURBULENCE AND RIGIDITY SPECTRUM OF THE GALACTIC COSMIC RAYS INTENSITY VARIATION**

**Speaker**

Dr Marek Siluszyk

#### **Systematic analysis of the properties of low energy cosmic ray air showers**

**Speaker**

Dr Juan A. Garzon

**Holographic Cosmic Ray Observatories: a new approach for measuring primary cosmic rays**

**Speaker**

Dr Juan A. Garzon

**Ultimate Ground Level Enhancements of Solar Cosmic Rays**

**Speaker**

Dr Alexei Struminsky

**A Large Modular Cosmic-Ray Detector at the Testa Grigia Research Station**

**Speaker**

Dr Alba Zanini

**Improvement of GAMMA-400 physical scheme for precision gamma-ray emission investigations**

**Speaker**

Alexey Leonov

**International database of Ground Level Enhancements (GLE)**

**Speaker**

Prof. Ilya Usoskin

**Solar Modulation of the Proton Local Interstellar Spectrum with AMS-02, Voyager 1 and PAMELA**

**Speaker**

Dr cristina consolandi

**The trigger system of the NUCLEON space experiment**

**Speaker**

Mr Artur Tkachenko

**The SEP event of 775 AD: The worst case scenario over ten millennia**

**Speaker**

Prof. Ilya Usoskin

**Model CRAC:EPIL for atmospheric ionization due to precipitating electrons: Applications, parametrization and comparison with parametrization model**

**Speaker**

Anton Artamonov

**Solar neutron telescope yield function for solar neutrons and recalculated attenuation length in the atmosphere for neutrons: new computations and applications**

**Speaker**

Anton Artamonov

**Peculiarities of the observed recurrence of Jovian electron fluxes at the Earth orbit**

**Speaker**

Dr Karoly Kecskemeti

**Improving reconstruction methods for radio measurements with Tunka-Rex**

**Speaker**

Pavel Bezyazeev

**Reassessment of the analysis of GLE 69 using NM data - evidence for a two solar proton flux****Speaker**

Dr Alexander Mishev

**Computation of ion production rate and short, mid and long term ionization effect by cosmic rays during Bastille day event (GLE 59)****Speaker**

Dr Alexander Mishev

**Cosmic ray measurements at Lomnický štít: effect of barometric pressure.****Speaker**

Karel Kudela

**THE INVESTIGATION CHARACTERISTICS OF GAMMA-FAMILY FORMED IN INTERACTIONS OF PROTONS AND ALPHA- PARTICLES OF PRIMARY COSMIC RAYS WITH NUCLEI OF AIR ATOMS****Speaker**

Dr Khusnudin Nuritdinov

**Radio Emission of Air Showers with energy  $E_0 \geq 10^{19}$  eV by Yakutsk Array Data.****Speaker**

Mr Igor Petrov

**Correlation of AOT with Relative Frequency of Air Showers with energy  $10^{15}$  -  $10^{16}$  eV by Yakutsk Data.****Speaker**

Mr Igor Petrov

**Spatial and temporal variations of high-energy electron flux in the outer radiation belt****Speaker**

Dr Sergey Koldashov

**SNRs W28 and W44: old cosmic ray accelerators in molecular clouds****Speaker**

Dr Vladimir Zirakashvili

**Results of Mini Neutron Monitor installed at Neumayer III and Polastern****Speaker**

Prof. Bernd Heber

**Vector anisotropy of the cosmic rays in the beginning of the Forbush decreases****Speaker**

Mrs Maria Abunina

**Forbush Decrease in the Torus Model of a Magnetic Cloud****Speaker**

Mrs Anastasia Petukhova

**Injection of Energetic Particles on the Easter 2001 Solar Particle Event**

**Speaker**

Mrs Anastasia Petukhova

**Study of a Ground-Based Calibration System for Orbital UV Telescopes****Speaker**

Dr Ana Caramete

**Influence of the proton initiated at most two electromagnetic sub-cascades events on IACT observations****Speaker**

Dorota Sobczynska

**The second knee observed in the local muon density spectra at various zenith angles****Speaker**

R.P. Kokoulin

**Space Radiation exposure calculations during different solar and galactic cosmic ray activities****Speaker**

Ms Anastasia Tezari

**Variations of the cut off rigidities for the world wide muon telescope network over the period of continues monitoring of cosmic rays.****Speaker**

Dr Artem Abunin

**Muon telescope at large scintillation detectors with fiber optic readout.****Speaker**

Dr Artem Abunin

**Temperature effect observed by the Nagoya muon telescope.****Speaker**

Dr Artem Abunin

**Cosmic rays recurrence during the early declining phase of solar cycle 24****Speaker**

Dr Agnieszka Gil

**Production of cosmogenic nuclides in lunar rocks and cores by energetic particles****Speaker**

Mr Stepan Poluianov

**Computation of complex ion production due to cosmic rays during the Halloween sequence on October-November 2003 (GLEs 65, 66 and 67)****Speaker**

Dr Alexander Mishev

**Analysis of the diurnal anisotropy of cosmic rays in #23 and #24 solar cycles****Speaker**

Mr Witold Wozniak

**Cosmic ray muons in the frame of a model with heavy particles production in nucleus-nucleus interactions**

**Speaker**  
A. Bogdanov

**Seasonal variation of the muon flux seen by muon telescope MUSTANG**

**Speaker**  
Mrs Mariia Abunina

**Features of behavior of high-energy magnetospheric electrons in 1987-2007**

**Speaker**  
Mrs Maria Abunina

**High-energy electron bursts in the inner Earth's magnetosphere caused by precipitation from radiation belt**

**Speaker**  
Mr Temir Zharaspayev

**Spatial distribution of high-energy protons in the inner radiation belt on the data of low Earth orbit space experiments**

**Speakers**  
Dr Sergey Aleksandrin, Dr Sergey Koldashov, Mr Temir Zharaspayev

6:15 PM