



Contribution ID: 188

Type: poster

The trigger system of the NUCLEON space experiment

Tuesday, 6 September 2016 16:30 (1h 45m)

The NUCLEON detector is in orbit since December 2014 and measuring energy spectrum of Cosmic Ray (CR) and charge composition at 100 GeV – 1000 TeV and $Z = 1-30$ respectively. The NUCLEON apparatus structure and operation, including the scintillator trigger system are described. Using the detector simulation program the systematic uncertainties in CR energy spectra and charge composition are discussed.

Primary author: Mr TKACHENKO, Artur (JINR)

Presenter: Mr TKACHENKO, Artur (JINR)

Session Classification: Poster

Track Classification: Cosmic Rays below the knee (CR I)