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## The trigger system of the NUCLEON space experiment

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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.

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