MODEL OF QUARK-GLUON BLOBS AND COSMIC RAYS ABOVE THE "KNEE"

Wednesday, 12 October 2016 15:00 (30)

Existing models of hadron-hadron interactions do not give comprehensive description of the result of cosmic ray investigations above 1015eV. Observed phenomena: changes of cosmic ray spectrum and mass composition, "muon puzzle", various unusual events cannot be explained in frame existing models. The model of quark-gluon blobs allows explain all observed in cosmic rays phenomena and events from single point of view.

Primary author(s): Prof. PETRUKHIN, Anatoly (MEPhI)

Presenter(s): Prof. PETRUKHIN, Anatoly (MEPhI)

Session Classification: Nuclear physics and particle physics - plenary IV

Track Classification: Nuclear physics and particle physics