

Ведущая организация

Федеральное государственное бюджетное учреждение науки, Физический институт им. П.Н. Лебедева Российской академии наук (ФИАН).

тел.: +7 (499) 1354264

e-mail: postmaster@lebedev.ru

адрес: 119991, Россия, ГСП-1 Москва, Ленинский проспект, д.53

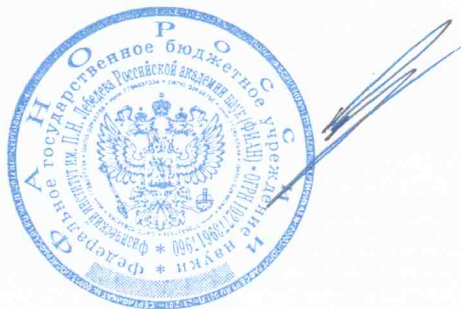
Список избранных публикаций сотрудников ФИАН за 2012–2017 годы:

- 1) Khachatryan, V.,... V. Andreev, M. Azarkin, I. Dremin, ..et al. “Evidence for collectivity in pp collisions at the LHC”, Phys. Lett. B 765, 193-220 (2017).
- 2) Polukhina N. et al., “Charge spectrum of heavy and superheavy components of galactic cosmic rays: results of the Olimpiya experiment», 2016, Astrophysical journal, Vol. 829, issue 2, art. no. 120.
- 3) И.М. Дремин, Область взаимодействия протонов высоких энергий УФН, 185 (2015) 65.
- 4) Formato V., Adriani O., Barbarino G.C., Bazilevskaya G.A., .., Kvashnin A.N., .., Stozhkov Y.I. et al. Measurement of hydrogen and helium isotopes flux in galactic cosmic rays with the PAMELA experiment. Nuclear Instruments and Methods in Physics Research A, 2014, v. 742, 273-275.
- 5) Airapetian A. et al. Transverse target single-spin asymmetry in inclusive electroproduction of charged pions and kaons. Phys. Lett. B728 (2014) 183-190.
- 6) Measurement of event-plane correlations in $\sqrt{s_{NN}}= 2.76$ TeV lead–lead collisions with the ATLAS detector / ATLAS Collaboration (G. Aad et al.) Phys. Rev. C 90 (2014) 024905.
- 7) Chatrchyan S., Khachatryan V., Sirunyan A.M., ... Mesyats G.A., et al. (Group Authors: CMS Collaboration). Measurement of pseudorapidity distributions of charged particles in proton–proton collisions at $\sqrt{s_{NN}}=8$ TeV by the CMS and TOTEM experiments, Eur. Phys. J. C 74 (2014) 3053.
- 8) Procedure for short-lived particle detection in the OPERA experiment and its application to charm decays, N. Agafonova, OPERA coll., Eur. Phys. J. C (2014) 74:2986
- 9) Chatrchyan S., Khachatryan V., Sirunyan A.M., ... Mesyats G.A., et al. (Group Authors: CMS Collaboration). Study of the production of charged pions, kaons, and protons in pPb collisions at $\sqrt{s_{NN}}= 5.02$ TeV Eur. Phys. J. C 74 (2014) 2847.

10) A Airapetian, N Akopov, ..., V. Kozlov et al. Multiplicities of charged pions and kaons from semi-inclusive deep-inelastic scattering by the proton and the deuteron, Phys. Rev. D 87, 7 (2013).

11) Полухина Н.Г., Достижения в ядерно-физических исследованиях на трековых детекторах и перспективы использования трековой методики в астрофизике, физике элементарных частиц и прикладных работах, УФН 182, 656-669 (2012).

Ученый секретарь ФИАН



А.В.Колобов