

**Список основных научных трудов
сотрудника ЛЯП ОИЯИ
Елецких Ивана Владимировича**

1. M. V. Chizov et al. “Anomalously interacting new extra bosons and their first LHC constraints”, Physics of Elementary Particles and Atomic Nuclei, 2012, vol. 43, part 3, P.610-635;
2. I. Yeletskikh et. al. “Search for Z^* Boson at ATLAS Detector”, Physics of Particles and Nuclei, 45 (2014) P. 252;
3. I. Yeletskikh, The ATLAS Collaboration, “Search for high-mass dilepton resonances in 21fb^{-1} of pp collisions at $\sqrt{s} = 8 \text{ TeV}$ with the ATLAS experiment”, Phys.Rev.,2014, D90, 052005; ArXiv: 1405.4123;
4. I. Yeletskikh, “Approach to relativistic quark confinement potentials from QCD”, ArXiv: [1404.4383](https://arxiv.org/abs/1404.4383);
5. I.V. Yeletskikh, V.A. Bednyakov, “Results of searches for Dubna Resonance Z^* in dimuon channel in ATLAS data”, Physics of Particles and Nuclei Letters, 12 (2015) 29;
6. В.А. Бедняков, И.В. Елецких, М.В. Чижов, И.Р. Бойко, ”Аномально взаимодействующие бозоны Z^* – пример вклада ОИЯИ в физику на LHC”, УФН, 186, №4 (2016), с. 425;
7. I.V. Yeletskikh, The ATLAS Collaboration, “Search for new high-mass phenomena in the dilepton final state using $36.1/\text{fb}$ of proton-proton collision data at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector”, JHEP 10 (2017) 182, arxiv:1707.02424;
8. I.V. Yeletskikh, L.K. Gladilin, The ATLAS Collaboration, “Study of $J/\psi, p$ resonances in the $\Lambda_b \rightarrow J/\psi p K^-$ decays in pp-collisions at $\sqrt{s}=7$ and 8TeV with the ATLAS detector”, ATLAS-CONF-2019-048; Proceedings of Science, Vol.377 - 18th International Conference on B-Physics at Frontier Machines (Beauty 2019), 010, 2020;