

PhD position in Moscow Institute for Physics and Technology

Moscow institute for physics and technology opens vacant positions for PhD student fellowship starting from September 2021 for 4 years. The candidate for the PhD position will study PhD courses in high energy physics and will perform research within the ALICE group of the laboratory of fundamental interactions of MIPT. Main focus of the laboratory and the PhD students is data analysis and measurements of photon and neutral meson spectra in proton-proton and heavy ion collisions in the ALICE experiment at the Large hadron collider, as well as development of the upgrade program for the future heavy-ion experiment at LHC.

The prerequisite for the PhD fellowship position is

- completed university degree in physics (diploma or master's degree),
- good knowledge of high energy, elementary particle, nuclear physics,
- software and programming skills in modern programming and scripting languages (C++ or Python), experience in ROOT framework,
- knowledge of statistical methods of data analysis,
- good knowledge of English (knowledge of Russian is considered as an advantage),
- interest in teamwork in international collaborations
- previous experience in experimental particle physics is desirable, especially a record of working in the ALICE collaboration.

PhD student fellowship will be covered by the grant of Russian ministry of science and higher education. Students will be also employed in the laboratory of fundamental interaction of MIPT.

Applications and inquiries should sent before February 9th to

Dr. Yuri Kharlov, Yuri.Kharlov@cern.ch

Head of the laboratory of fundamental interactions

Moscow institute for physics and technology

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