



Chair for Experimental nuclear and particle physics at Vilnius University, Lithuania

Vilnius University is seeking an excellent scientist to fill a leading position in the Faculty of Physics. The successful candidate is expected to build a research team to carry out studies in the field of experimental particle physics, and establish a strong connection to CERN. She/he is also expected to work in close collaboration with other research groups at Vilnius University, with the aim to increase the level of cooperation between Lithuania and other international scientific and academic institutions, and with particular attention to Lithuania-CERN cooperation.

Vilnius University has joined CERN RD collaborations in 2002 and the CMS experiment in 2007. Previous participation in one of the major experiments at the Large Hadron Collider at CERN (ALICE, ATLAS, CMS or LHCb) will be considered an advantage.

Vilnius University is the oldest and most comprehensive university in Lithuania. According to “QS World University Rankings 2016-2017”, it is among top 500 universities in the world. The academic staff consists of 1350 employees (250 of them are professors) and around 20,000 students, including 3,600 graduate and 900 doctoral students.

The research laboratories of the Faculty of Physics have premises in the National Centre of Physical and Technological Sciences in Sunrise Valley (“Saulėtekio”) since 2016. The Valley is the largest and most advanced base for physical, chemical and life sciences and for technology in Lithuania and the Baltic states. The lecture rooms and the educational laboratories at the Faculty of Physics, the largest center of physics studies in Lithuania, are situated nearby.

A Chair position is equivalent to a full professor position. The incumbent is expected to fulfill the requirements corresponding to the recommended European competences for a leading (R4) or, at least, an established (R3) researcher.

Candidates must have been trained at international particle physics laboratories and leading national collaborating institutions, with expertise in modern experimental particle physics. They must demonstrate a proven record in securing significant research funding/budgets/resources and experience in managing and leading research projects.

Applications are invited from candidates of any nationality and gender. Citizens of non-EU countries will need to fulfil the requirements for obtaining a work permit in Lithuania. The successful candidate must take residence in Vilnius.

Chair’s mission:

- Coordinate Lithuania’s research activities in theoretical and experimental high energy physics, and in materials and computer sciences and medical applications relevant to CERN research fields;
- facilitate the involvement of researchers at Vilnius University into the programmes and experiments conducted at CERN;
- organize teaching and training of students and young researchers in particle physics, particle detector techniques, data processing and related fields;
- raise the public awareness for fundamental physics such as the current understanding of the Universe and its origin in a form that is suitable for a broad audience.

Full details of the Chair’s duties will be provided upon request.

The successful candidate will be entitled to:

- a separate office;
- premises to establish her/his own laboratory, if the existing infrastructure does not match the needs, within the limits of the Centre's financial possibilities;
- Salary Range: negotiable and depending on experience.

The applications should be sent to VU Directorate of Personnel zis@cr.vu.lt

The deadline: 10 September, 2017.

A cover letter should include a request to participate in the contest and should be addressed to the Rector of Vilnius University.

Also, a description of academic activities together with a list of scientific publications, curriculum vitae, an outline of the research plan and any other additional documents allowing to objectively evaluate the qualifications of the applicant.

The letters of support from senior scientists with an established track record in high-energy nuclear and particle physics (min 3, max 6) should be sent directly to Vilnius university (zis@cr.vu.lt).