Post doctoral position in Experimental Particle Physics - CMS Experiment

The Institut de Physique Nucléaire de Lyon (IPNL), a joint laboratory of the French IN2P3/CNRS and the Université Claude Bernard Lyon 1, invites applications for a postdoctoral researcher position to work on the CMS experiment. The IPNL is a founding member of CMS and had a key role in the development, installation and commissioning of the electromagnetic calorimeter and tracking detectors as well as the commissioning of photons and tracks. The group has made important contributions in the area of top quark physics, in particular in searches for resonances in top pair decays, and in the area of Higgs boson searches, in particular in the Higgs to two photons decay channel. Finally, the group has important responsibilities in the CMS upgrade effort.

The successful candidate is expected to take a leading role in reinforcing the team's physics analysis activities in the domain of top physics, with the possibility of contributing to precision measurements and searches of BSM physics by using top quark signatures. He or she will be based at the IPN Lyon but will be able to benefit from the laboratory's geographical proximity to CERN and the group's travel budget. The appointment will be for a total of 3 years.

Applicants must have a doctoral degree in experimental particle physics at the time of appointment. Good communication skills are expected. The candidate should provide a statement of research interests highlighting relevant experience, a CV with list of publications, and arrange for three letters of recommendation to be sent to the addresses below. The review of applications will start on June 1 2015, and will continue until the position is filled. The appointment will begin at the earliest on September 1, 2015 and at the latest on November 1, 2015.

For information and applications please contact: Roberto.Chierici@cern.ch, p.verdier@ipnl.in2p3.fr