



Laboratoire LEPRINCE-RINGUET

École polytechnique - IN2P3/CNRS

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The neutrino group at the Leprince-Ringuet Laboratory (LLR-Ecole Polytechnique) invites applications for a **post-doctoral position** to work on the Tokai-to-Kamioka (T2K) experiment. The first data taking is scheduled in Japan for beginning of April 2009. This experiment is a long-baseline (280km) “off-axis” neutrino oscillation experiment between the Japan Proton Accelerator Research Complex (JPARC) and the Super-Kamiokande detector.

The LLR group is involved in the construction and commissioning of the INGRID detector which is part of the 280 meters near detectors. The successful applicant is expected to take a leading role in the analysis of the INGRID data and in the development of the neutrino oscillation analyses including the Super-Kamiokande detector. The duty of the position includes also participation to the commissioning of the detector, data taking, travels to Japan and helping to the supervision of two graduate students.

The applicants must have received a PhD in experimental high energy within the last few years. The starting date for the position could be negotiable, but beginning of October 2008 is preferred. The duration of the position is 2 years. The candidate should have experience in data analysis tools (C++ and ROOT) and particle detectors.

Further details may be obtained from: Michel GONIN (mgonin@in2p3.fr)