Dear all,

A 2 year post-doctoral position is open starting in September 2013, with the HARPO group of the gamma astronomy department at LLR, on a P2IO funding:

**Characterization of a TPC as a high-resolution gamma telescope and polarimeter, and first measurement of the polarization asymmetry of low energy gamma conversion to e+e- pairs.**

We are developing a high resolution, high sensitivity gamma-ray telescope and polarimeter in the [MeV - GeV] energy range, based on a TPC. We have built and tested a demonstrator with which we are preparing data taking at a polarized gamma-ray beam facility.

We are seeking a Ph.D. physicist to take part in the data taking and join our efforts in data analysis, and in particular in the simulation of the experiment. The selected candidate will take important responsibilities including software development coordination.

Previous experience in data analysis and/or simulation with the current tools used in HEP (C++, ROOT) is required, and experience with GEANT4 will be appreciated.

Questions and/or applications (including a motivation letter and Curriculum Vitae) should be sent to denis.bernard@in2p3.fr. Applicants should separately arrange to have up to three letters of reference sent by email by their authors.

The deadline for application is March 15, 2013.

Full text is at
Best regards,
Denis Bernard

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