

**Postdoctoral Position in Experimental Nuclear Physics  
with the Canadian Penning Trap Collaboration**

The Canadian Penning Trap (CPT) collaboration has an opening for a postdoctoral appointment in experimental nuclear physics. The project is a collaborative effort with participants from McGill University, the University of Manitoba, the University of Notre Dame, the Argonne National Laboratory (ANL), the Lawrence Livermore National Laboratory and other institutions. The Canadian contingent of the collaboration (McGill and Manitoba) is seeking candidates who will work at the ATLAS facility of the Argonne National Laboratory. The CPT Mass Spectrometer, coupled to the recently upgraded ATLAS facility, is used to carry out mass measurements of astrophysical interest. Parallel systems of open geometry Paul traps are also being used to study  $\alpha - \beta - \nu$  angular correlations in beta-decay for tests of the Standard Model and to investigate beta-delayed neutron emission from neutron-rich nuclei. For more details please go to:

<http://www.physics.umanitoba.ca/subatomic> and navigate to K. Sharma's entry on that page.

We welcome applications from highly motivated candidates with a PhD in experimental nuclear or particle physics, or who are expecting a PhD before starting the position. Applicants should submit with their application letter: curriculum vitae, a list of publications, a brief statement of research interests and, the names of three referees from whom letters of recommendation may be solicited.

Applications will be considered starting on October 15th, 2018 and the competition will remain open until the position is filled.

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