



**Department of Physics,
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Postdoctoral Positions in Experimental Particle Astrophysics
Department of Physics, Queen's University

The particle astrophysics group at Queen's has openings for postdoctoral researchers on the DEAP-3600 dark matter experiment, which is scheduled to begin collecting data in 2013 (see deap.phy.queensu.ca). The Queen's group, which consists of six full-time faculty members and a total of over 30 researchers, is currently developing dark matter, solar neutrino, and double-beta decay experiments for SNOLAB (see sno.phy.queensu.ca/group). The positions will be based at Queen's University in Kingston and may involve travel to the SNOLAB facility in Sudbury (see www.snolab.ca). The DEAP-3600 detector is currently being installed at SNOLAB and has requirements for data analysis and analysis coordination, detector simulations and detector installation, commissioning and operation.

The successful candidates will have PhD or equivalent degrees in experimental particle astrophysics, nuclear or particle physics, or in closely related fields, with experience in one of the above areas considered an asset. The original appointments will be for two years, with possibility of renewal. Salary will be commensurate with qualifications and experience.

Applicants should include a detailed CV, a brief statement of research interests, and arrange to have at least three letters of reference forwarded to:

Mark Boulay
Associate Professor and Canada Research Chair in Particle Astrophysics
DEAP Project Director
Department of Physics, Queen's University
Kingston, ON K7L 3N6
c/o Louise Segsworth
or sent by e-mail to:
louise.segsworth@queensu.ca

Queen's University thanks all who express an interest and advises that only those selected for an interview will be contacted. Applications will be accepted until the positions are filled. Queen's University has an employment equity programme, welcomes diversity in the workplace and encourages applications from all qualified candidates, including individuals from all nationalities, women, aboriginal peoples, people with disabilities, and racial minorities.