



Carleton
UNIVERSITY

July 1, 2015

Postdoctoral Positions on DEAP-3600

The Department of Physics at Carleton University has immediate openings for postdoctoral researchers in experimental particle astrophysics focusing on the dark matter search with the DEAP-3600 experiment at SNOLAB (see deap3600.ca). The group is also active on development of next-generation double beta decay and dark matter searches with the nEXO and DEAP-50T detectors, with focus on the development of large-scale ultra-low background liquid noble detectors. The positions will be based at Carleton University in Ottawa and will involve travel to the SNOLAB facility in Sudbury (see www.snolab.ca). The DEAP-3600 detector is currently being commissioned at SNOLAB and will begin collecting data in 2015.

The successful candidates will have PhD or equivalent degrees in experimental particle astrophysics, nuclear or particle physics, or in closely related fields, and will contribute to detector calibration, data analysis and detector operations on site, and may have opportunity to contribute to development of the DEAP-50T and nEXO programs. Given the current phase of DEAP-3600, with data collection starting in 2015, experience with detector data analysis will be considered a strong 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:

Prof. Mark Boulay
DEAP Project Director

c/o Joseph Snider
sent by e-mail to:
joe.snider@snolab.ca

Applications will be accepted until the positions are filled. All qualified persons are encouraged to apply. Carleton University thanks all who express an interest and advises that only those selected for an interview will be contacted.