



IceCube Neutrino Observatory Post-Doctoral Position

Department of Physics & Astronomy

www.phys.canterbury.ac.nz

The Physics and Astronomy Department at the University of Canterbury is offering a three year postdoctoral fellowship to a motivated individual with a research background in astro-particle physics to work on the IceCube neutrino observatory.

The successful applicant will analyse data from IceCube to characterise the spectral properties of the high-energy neutrino flux. This should include enhancing and developing methods to use the IceTop surface array to veto cosmic-ray induced background events. The successful candidate will be expected to contribute to R&D to enhance IceCube-Gen2's sensitivity to neutrinos from astrophysical accelerators and to support the PhD students working in the University of Canterbury group.

Applications will be considered from Ph.D. physicists with expertise in particle astrophysics, particle physics, cosmic ray physics and related fields.

The University of Canterbury is committed to promoting a world-class learning environment through research and teaching excellence, and has a vision statement of "People Prepared to Make a Difference". You will have the opportunity to work alongside members of a diverse academic community and enrich your own professional and personal development.

The closing date for this position is: 20th October

Applications for this position should include a cover letter, resume and any additional attachments combined into one document and submitted online through the using the job ID 2814 and the link <http://www.canterbury.ac.nz/joinus/>

Further information about this role can be obtained by contacting Professor Jenni Adams, jenni.adams@canterbury.ac.nz

The University of Canterbury is an EEO employer and actively seeks to meet its obligation under the Treaty of Waitangi.