

Positions at the University of Adelaide working on the ATLAS experiment

Paul Jackson
University of Adelaide
May 3rd, 2023



Hello!



Paul Jackson (me)



University of Adelaide

Is a member of the Group of Eight, a coalition of Australia's leading tertiary institutions. Established in 1874, it is the 3rd oldest University in Australia



Particle Physics in Adelaide



2 Faculty; 1 Postdoc; 12 PhD and 1 honours student
+ admin staff, technical support and engineer



1 Faculty; 3 PhD students and admin

We also have small groups on Neutrino physics (Ice Cube), Direct DM detection (SABRE and Cygnus) and Gamma ray astrophysics (CTA, HESS, Pierre Auger).

Particle Physics in Adelaide



2 Faculty; 1 Postdoc; 12 PhD and 1 honours student
+ admin staff, technical support and engineer
+ YOU?

A link to the postdoctoral position can be found here:

<https://academicjobsonline.org/ajo/jobs/24045> (deadline has passed but we are still considering applicants)

The position is for 2-3 years.

\$91,402 to \$ 97,927 (Level A) per annum plus an employer contribution of 17% superannuation applies.

The position is to be based in Adelaide.



Position details



2 Faculty; 1 Postdoc; 12 PhD and 1 honours student
+ admin staff, technical support and engineer
+ YOU?

The position will focus on data analysis in relation to searching for beyond Standard Model physics and is supported by funding from a Discovery Project granted by the Australian Research Council titled 'New Techniques for New Physics Searches at the CERN Large Hadron Collider'. This project aims to break new ground in the quest to discover the existence of new fundamental constituents of nature. In order to achieve this, the team will invent and deploy a suite of advanced machine learning and anomaly detection techniques, developed by the chief investigators, to mine the data processed and collected with the ATLAS experiment at CERN. There will be opportunities to travel to CERN, and to spend extended time at the University of Manchester under the supervision of our Partner Investigator, Professor Caterina Doglioni.



More positions



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+ admin staff, technical support and engineer

We have capacity to support excellent applicants for postdoc and mid-career (potentially leading to faculty positions) fellowships from the Australia Research Council.

DECRA Fellowship

<https://www.arc.gov.au/funding-research/funding-schemes/discovery-program/discovery-early-career-researcher-award-decra>

Future Fellowship

<https://www.arc.gov.au/funding-research/funding-schemes/discovery-program/future-fellowships>

