

PERSON SPECIFICATION

Details on the qualifications, experience, skills, knowledge and abilities that are needed to fulfil this role are set out below.

Job Title: Research Associate in Particle Physics

Department: Department of Physics

	Essential	Desirable	Tested by (Application form, Interview, Test)
Knowledge, Education, Qualifications and Training			
PhD in Experimental Particle Physics or closely related field (or soon to obtain one)	X		Application form
Record of high-quality research	X		Application form
Skills and Abilities			
Knowledge of Linux OS & C++ Programming Language	X		Application form
Knowledge of python		X	Application form
Effective communication skills	X		Interview
Ability to work well in a team	X		Interview
Experience			
Low-background and/or weakly interacting particle experimentation including simulation, commissioning and/or data analysis	X		Application form
Hardware experience with photosensors;		X	Application form
Calibration and/or particle identification experience in noble liquid detectors		X	Application form
Analysis framework software development	X		Application form
Detector simulation development		X	Interview
Other requirements			
Management of small teams		X	Interview
Strong self-motivation		X	Interview
Ability to work in underground laboratories		X	Interview
Occasional international travel		X	Interview
Occasional shift work at unsocial hours		X	Interview