

PERSON SPECIFICATION

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

Job Title: Postdoctoral Research Assistant Department: Physics

	Essential	Desirable	Tested by Application Form/Interview
Knowledge, Education, Qualifications and Training			
PhD in Experimental Particle Physics or a closely related field (or soon to obtain one)	X		Application
Knowledge of C++ programming language and Unix OS	X		Application, Interview
Knowledge and experience of data analysis techniques	X		Application, Interview
Knowledge and experience of firmware programming		X	Application, Interview
Skills and Abilities			
Management of small teams		X	Application, CV
Strong self-motivation	X		Application, CV, Interview
Effective communication skills	X		Application, CV, Interview
Ability to work well in a team	X		Application, CV, Interview
Ability to work in underground laboratories	X		Application, CV, Interview
Ability to work, possibly for extended periods of time, at external locations (such as CERN).	X		Application, CV, Interview
Experience			
Record of high-quality research	X		Application, CV
Particle physics software research experience	X		Application, CV
Firmware application experience		X	Application, CV
Other requirements			
Occasional international travel	X		Interview
Occasional shift work at unsocial hours	X		Interview