



## 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 in Low Temperature Physics**

**Department: Physics**

	Essential	Desirable	Tested by (Application form, Interview, Test)
<b>Knowledge, Education, Qualifications and Training</b>			
PhD or equivalent in experimental condensed matter physics (or related field)	X		Application form
Prior training in cryogenics		X	Application form, Interview
<b>Skills and Abilities</b>			
Computer programming skills (e.g. Python, Labview, Mathematica)		X	Application form, Interview
Ability to communicate verbally and in writing	X		Application form, Interview
Fluency in English	X		Application form, Interview
<b>Experience</b>			
Experience in performing experiments at low temperatures.	X		Application form, Interview
Experience in cavity optomechanics	X		Application form, Interview
Experience in the design and testing of experimental cells for low temperature experiments		X	Application form, Interview
Experience in quantum fluids and solids		X	Application form, Interview
Clean room / sample preparation experience		X	Application form, Interview
Evidence of international networking		X	Application form, Interview
Evidence of production of high quality research outputs (conference papers, publications)		X	Application form, Interview
<b>Other requirements</b>			
Ability to work in a collaborative team	X		Application form, Interview
Willingness to engage in knowledge transfer and outreach		X	Application form, Interview