



PERSON SPECIFICATION

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

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