

PERSON SPECIFICATION



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

Job Title: PDRA in Topological Spintronics

Department: Electronic Engineering

	Essential	Desirable	Tested by (Application form, Interview, Test)
Knowledge, Education, Qualifications and Training PhD in Physics / Material Science / Electronic Engineering or equivalent. Excellent knowledge in Spintronics/Condensed Matter.	x x		Application form Application form, Interview
Skills and/or Abilities Ability to give training to PhD students in relevant areas as detailed in the Job Description. Knowledge of research and enterprise funding opportunities in UK/EU and ability to write research proposals. Ability to identify and develop potential societal and economic impact from research activities.	x x	 x	Interview Interview Interview
Experience Experience of performing lab-based thin film growth, nano-fabrication and/or characterization. Experience of using clean-room facilities, synchrotron-radiation facilities, neutron source, and/or other central laser facilities, and heavy-duty data analysis. Experience of working in a high-quality academic research environment including experience at post-doctoral level or equivalent.	x x	 x	Application form, Interview Application form, Interview Application form, Interview
Other requirements A track-record in publishing high-quality research.	x		Application form, Interview