

Lancaster University Material Science Institute (LMSI) and Physics Department

50-for-50 Lancaster Lectureship/Senior Lectureship in Nanoscale Materials Characterisation.

We are looking for an enthusiastic academic research leader, with outstanding potential for achieving national and international excellence and innovation in the field of experimental science of nanomaterials, in particular, in nanoscale materials characterisation and related areas. Active interaction with modelling and simulation research groups and established links with major industrial collaborators in the field of material science are of particular importance for this position. The new lecturer is expected to design and develop research proposals securing substantial research funding for LMSI, managing research groups, providing leadership, support and guidance to research staff and students and academic colleagues.

The new appointment shall establish research objectives consistent with the strategic priorities of Lancaster University, LMSI and Physics Department in the area of nanoscale materials characterisation, two-dimensional materials, nanoscale devices and materials in biomedical applications. Applicant must demonstrate proven track record of advanced research in the field of nanomaterials, development of advanced methods for nanoscale materials characterisation including scanning probe microscopy and measurements of physical properties of nanomaterials and nanostructures as well as a record of high quality research outputs with major contribution from the applicant.

A new Lancaster Material Science Institute <http://www.lancaster.ac.uk/materials-science-institute/> is one of University priorities now, with significant investment both in the chemistry-related <http://www.lancaster.ac.uk/chemistry/business/collaborative-technology-access-programme/> and physics-related <http://www.lancaster.ac.uk/quantum-technology/about-us/> materials science infrastructure.

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