The National Physical Laboratory (NPL) is one of the UK's leading science facilities and research centres. It is a world-leading centre of excellence in developing and applying the most accurate standards, science and technology available.

NPL occupies a unique position as the UK's National Measurement Institute and sits at the intersection between scientific discovery and real world application. Its expertise and original research have underpinned quality of life, innovation and competitiveness for UK citizens and business for more than a century.

NPL's world leading Radiation Dosimetry team are currently looking to recruit a talented Physicist with significant experience in radiation dosimetry to drive forward the development of measurement and modelling techniques and lead research for new and emerging radiotherapy techniques such as proton and light ion therapies and Molecular Radiotherapy. In addition to research and development, you will be expected to grow the scientific area through accessing significant funding from a range of national and international sources.

The successful candidate will have a good first degree and relevant PhD. Relevant post graduate experience and a good research and publication record are essential. Experience in measurement instrumentation design, development and characterisation is required as is a demonstrable research background in one or more of the following areas: proton/light ion dosimetry; chemical dosimetry; calorimetry; ionometry; Monte Carlo modelling. The applicant must possess the ability to lead and further develop a research team, including motivation and development of staff, driving scientific innovation and ensuring delivery of high impact research.

The applicant must possess good experimental skills, be highly computer literate and possess excellent written and oral presentation skills. You will be working at the leading edge of measurement, many times in collaboration with other organisations throughout the world and will have the opportunity to present your research at international meetings.