

Senior Research Scientist - Underwater Acoustics

Job Ref:
65720

Job Title:
Senior Research Scientist - Underwater Acoustics

Location:
Teddington

Type:
Permanent

Salary:
£38,925 - £43,000

Closing date:
16th January 2018

Job Description

A permanent position exists for a scientist to work in the Ultrasound and Underwater Acoustics Group within the underwater acoustics area. NPL is world-leading in this area and has a suite of dedicated facilities – open tanks, an acoustic pressure vessel and an open-water site. The main project areas are developing improved techniques for underwater acoustic calibration utilising the specialised NPL facilities, and experimental techniques for ocean acoustic measurement.

We actively recruit citizens of all backgrounds, but the nature of our work in this specific area means that nationality, residency and security requirements are more tightly defined than others

The ideal candidate will already be well-known in the field with a demonstrated high scientific profile, have a post-graduate qualification in Physics or Acoustics or equivalent, and is likely to have at least 10 years' experience in this area. In addition, knowledge of marine environmental acoustics would be beneficial.

The successful candidate will play a key role in providing leadership for more junior scientists, as well as representing NPL nationally and internationally, and will also be expected to prepare project proposals, including costings, and to act as technical lead for projects.

A good understanding of data analysis techniques is desirable, and experience with Matlab and/or LabView software packages would be beneficial. The ability to problem solve and propose appropriate solutions, along with an understanding of the underlying physical principles is also important. The successful candidates will have good communication skills, verbal and written, and demonstrate good practical skills with attention to detail.

Strong personal motivation, the ability to interact and network with collaborators and future customers, business awareness and an ability to work to deadlines within a team are prerequisites for the role. The UK's National Physical Laboratory sits at the intersection between scientific discovery and real world application as one of the world's top three National Measurement Institutes. Every employee at NPL is central to achieving our aim of continuing to innovate and deliver scientific excellence. Our mission is to provide the measurement capability that underpins the UK's prosperity and quality of life.

Join the National Physical Laboratory (NPL) at an exciting time of growth where you will have a great opportunity to maximise Impact from science. We are bold and visionary and we believe anything is possible at NPL.

We are a national laboratory and we currently have hubs in South West London, Cambridge, Birmingham, Huddersfield and Strathclyde. Benefits include 27 days' holiday, Life Assurance and Contributory Pension Scheme.

Based in a unique, purpose-built research environment, we are located in beautiful surroundings on the edge of Bushy Park, south-west London with a host of onsite facilities. These include a subsidised crèche, restaurant and free parking.

NPL Management Limited is committed to supporting its people to develop both personally and professionally and is committed to equal opportunities. NPL Management Limited is a Stonewall Diversity Champion and an Institute of Physics Project Juno Supporter.

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