

Higher Research Scientist – Underwater Acoustics

Job Ref:

65890

Job Title:

Higher Research Scientist – Underwater Acoustics

Location:

Teddington

Type:

Permanent

Closing date:

30th March 2018

Job Description

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.

Permanent positions exist for scientists to work in the Ultrasound and Underwater Acoustics Group, specifically within the underwater acoustics area. NPL is world-leading in this area and has a suite of dedicated facilities – laboratory tanks, an acoustic pressure vessel and an open-water site. The main project areas are developing improved experimental techniques for underwater acoustic calibration utilising the specialised NPL facilities, and experimental techniques for ocean acoustic measurement, including data analysis.

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.

Skills and Background/Experience required:

The ideal candidates will have a graduate or post-graduate qualification in Physics or equivalent, preferably including Acoustics. In addition, knowledge of marine environmental acoustics would be beneficial.

A good understanding of data analysis techniques is desirable, and experience with Matlab and/or LabView software packages would be beneficial. An aptitude for precise experimental work is also desirable, and 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.

Please contact thalia.jones@npl.co.uk for more information

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 Practitioner.

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