

Vacancies for Acoustical Research Scientist at NPL

An opportunity exists for a research scientist or engineer to work within the underwater acoustics team at NPL. The job will involve the developing improved techniques for underwater acoustic measurement and calibration utilising NPL's specialised laboratory facilities, and developing experimental techniques for acoustic measurement. The successful candidate will play key roles in delivering NPL's scientific work, including the delivery of measurement services and contributing to research and development projects. We are looking for early career scientist, ideally with experience of working in a commercial calibration laboratory or a test house. Strong understanding of Health and Safety and Quality is essential.

You will be directed by others to deliver technical activities using NPL knowledge and solutions for underwater acoustic measurement and calibration utilising NPL's specialised laboratory facilities and equipment. The successful candidate will play key roles in delivering NPL's scientific work, including the delivery of measurement services and contributing to research and development projects, requiring a careful, methodical approach and attention to detail. Travel for work may be required, for example to attend events or support trials project work at sea or similar.

An aptitude for precise experimental work is essential for the role, along with a good understanding of the underlying physical principles, as well as the ability to problem solve and propose appropriate technical solutions. In addition, it would be beneficial to have some knowledge of hardware operation and data analysis techniques, as well as experience of software packages such as Matlab and/or LabView.

The successful candidate will have good communication skills, both verbal and written. Strong personal motivation, business awareness, good communication skills, the ability to interact and network with existing and prospective collaborators and customers, and an ability to work to deadlines within a team are prerequisites for this role within our collaborative and motivated team.

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

About NPL:

Put simply, we set the standards by which everything is measured. In doing so, the National Physical Laboratory is helping to combat issues on a global scale such as climate change, curing diseases and the development of cutting-edge communications technology. At NPL, we touch ordinary lives in extraordinary ways and you could too.

Research sits at the very core of our business. This is your chance to make an impact to our ground-breaking work as you apply your established knowledge and solutions to a range of technical activities. As we're always looking to stretch our capabilities, we'll look to you to spot potential commercial opportunities and to help raise our profile as and when you can. We work as a team here, so any learnings you do make, we'll expect you to share to support in our continued development (you might also turn your hand to mentoring more junior members too). Naturally, you'll keep your technical knowledge up-to-speed with the latest advances and take responsibility for completing your work to the highest standards, on time and within budget.

For more information please see:

<https://jobs.npl.co.uk/vacancies/1064/research-scientist.html?intapp=true>

