

Higher Scientist – Underwater Acoustics

About the Role

NPL are looking to recruit an Higher Scientist to work in the Ultrasound and Underwater Acoustics Group within the [Underwater Acoustics](#) area. We are looking for early career scientists and engineers, ideally with a graduate qualification in Physics, Acoustics or related discipline, with either experience in industry or academia or post-graduate qualification.

As an Acoustical Higher Scientist, you'll be expected to acquire new knowledge to find solutions to advance our research, requiring a careful, methodical approach and attention to detail. Also, if commercial opportunities arise from your work, you'll need to flag these – as this is how new products and services are born.

NPL is world-leading in this area of metrology and has a suite of dedicated facilities including laboratory tanks and an acoustics pressure vessel. The successful candidates will join NPL at an exciting time of growth where there will be a great opportunity to maximise impact from high-quality science.

Your work will involve:

- Developing improved techniques for underwater acoustic measurement and calibration utilising the above specialised laboratory facilities
- Developing experimental techniques for acoustic measurement for delivery to customers and collaborators
- Delivering NPL's scientific work, including the delivery of measurement services and contributing to research and development projects
- The opportunity to contribute to scientific outputs through journal publications and scientific conferences.

In addition, the general duties and responsibilities of your role will include:

- Sharing your learnings so that we all benefit and mentoring those with less experience than you
- Developing partnerships to strengthen our capability
- Acting as an ambassador for our work externally and being willing to promote what we do
- Providing technical support for any bids, we may be undertaking

About You

To be successful in this Higher Scientist role, you should have a science-related degree and be an expert in your field. You should also be used to leading, planning, and delivering complex research projects from conception to fruition. Beyond that, we're looking for someone who'll thrive in an environment like ours.

What you will bring to the role:

- Understanding of the underlying physical principles, qualified to degree level
- Knowledge of acoustics and/or marine acoustic technology
- Demonstrable experience and track record for precise experimental work
- Aptitude for critical thinking and problem solving.
- Strong personal motivation, the ability to interact, collaborate and network with colleague's collaborators and future customers
- Ability to work towards deadlines in a busy environment
- Good communication skills, both verbal and written.

It would be great if you did have:

- Experienced in data analysis techniques
- Familiarity with systems engineering
- Experience with software packages such as Matlab and LabView

To apply, please click the following link: [Higher Scientist - Underwater Acoustics in Teddington, United Kingdom - National Physical Laboratory Management Ltd](#)