



Tel: 0208 943 0801

recruitment@fttech.co.uk

<http://www.fttechnologies.com/>

We're hiring in Sunbury...

ACOUSTICS ENGINEER REQUIRED

FT Technologies

The wind energy industry is growing significantly, and we are growing with it supplying to many of the top international wind turbine manufacturers. In the last decade, we have tripled in size and are always looking for more high-quality engineers.

We think and operate globally, but with all the benefits of a small company and our success means that we are now based in beautiful open plan offices, laboratories and workshops with state of the art research and development facilities.

Our engineers are working on the conceptual design, research and development of new and enhanced current products in our wind sensor range. Our size allows us to be a dynamic and innovative company where every individual has the capability to demonstrate their initiative and make a real difference.

Welcome to the Team

The Acoustics Engineer will work closely with the research and development side of the Engineering team, along with the Aerodynamics Engineer and Materials Specialist, reporting to the Engineering Programme Manager.

The ideal candidate will have an MSc in Acoustics, Physics or relevant engineering degree as a minimum and experience in PAFEC and ultrasonic transducers is essential for this role. A PhD in a related subject would be advantageous, but solid experience with small scale design, preferably in the loudspeaker (or similar) industry, will also be acceptable.

You will be self-motivated and comfortable working independently with a collaborative and flexible approach to work as part of a multidisciplinary team. You will have a creative approach to analysis, problem solving and solutions and be able to work to a high standard whilst under time constraints.

Main tasks and responsibilities:

- PAFEC modelling, design & optimisation of electro-acoustic transducers & acoustic resonators
- PAFEC modelling of acoustic transfer function in still air
- Optimise the operation of transducers used in the wind sensor in order to deliver extended operating performance and reduced number of electronic components
- Validate concepts & computer models using the results of experiments
- Establish & improve measurement systems for transducers
- Help broaden the company's intellectual property portfolio (patents)

If you are keen to take up a challenging and rewarding position, please send your CV and salary expectation to recruitment@fttech.co.uk or call 0208 943 0801