

Technical Specialist (Experimental Aerodynamics)
University of Manchester

Direct Link: <https://www.AcademicKeys.com/r?job=246589>

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Posted Oct. 7, 2024, set to expire Feb. 3, 2025

Job Title Technical Specialist (Experimental Aerodynamics)

Department Science and Engineering
<https://www.se.manchester.ac.uk/>

Institution University of Manchester
Manchester, , United Kingdom

Date Posted Oct. 7, 2024

Application Deadline Oct. 23, 2024

Position Start Date Available immediately

Job Categories Research Scientist/Associate
Faculty Associate
Professional Staff

Academic Field(s) Aerospace/Aeronautical/Astronautics

Apply Online Here <https://www.jobs.manchester.ac.uk/Job/JobDetail?JobId=30173>

Apply By Email

Job Description

Technical Specialist (Experimental Aerodynamics)

Job reference: SAE-026648

Salary: £36,924-£45,163 per annum, dependent on relevant experience

Location: Oxford Road

Employment type: Fixed Term

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Hours Per Week: Full Time (1 FTE)

Contract Duration: 48 months

Overall Purpose of the Job

The University of Manchester (www.manchester.ac.uk) is one of the largest single-site universities in the UK, with one of the biggest student communities. In total, 25 Nobel Prize winners have worked or studied here and 93% of our research was ranked as 'world-leading' or 'internationally excellent' by the Research Excellence Framework in 2021. Furthermore, more than nine out of ten of our recent graduates go straight into employment or continued studies. The Faculty of Science and Engineering (FSE) comprises two multi-discipline Schools; the School of Engineering and the School of Natural Sciences, each led by a Head of School and Head of School Operations. The School of Engineering is made up of five academic departments and the School of Natural Sciences is made up of five academic departments. For more information, please visit <https://www.se.manchester.ac.uk/>

We are seeking an enthusiastic and proactive technical specialist in experimental aerodynamics to join our dynamic technical operations team. The technical specialist will work on an infrastructure project sponsored by UKRI to transfer a 2m x 2m cycling wind tunnel into a world-class research facility for studying human-flow interactions. In the first three years, the technical specialist will be responsible for (i) carrying out an upgrade of the wind tunnel facility to increase its testing capabilities; (ii) setting up a number of the state-of-the-art flow diagnostic equipment for the tunnel including thermography, robotic PIV, real-time wake visualizer and 4D body scanner. In Year 4, the technical specialist will become the tunnel manager and participate in and provide technical support to the research and teaching activities to be undertaken by both internal and external users in this national wind tunnel facility. This project provides an exciting opportunity to work with the Great Britain Cycling Team and The UK Institute of Sport (UKSI) contributing directly to their Olympic Programme and delivering new insights and opportunities to UK Sport's celebrated 'Marginal Gains' strategy with potential to enable record-breaking results in international contest.

What you will get in return:

- Fantastic market leading Pension scheme.
- Excellent employee health and wellbeing services including an Employee Assistance Programme.
- Exceptional starting annual leave entitlement, plus bank holidays.
- Additional paid closure over the Christmas period.

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- Local and national discounts at a range of major retailers.

As an equal opportunities employer, we welcome applicants from all sections of the community regardless of age, sex, gender (or gender identity), ethnicity, disability, sexual orientation and transgender status. All appointments are made on merit.

Our University is positive about flexible working – you can find out more [here](#)

Hybrid working arrangements may be considered.

Please note that we are unable to respond to enquiries, accept CVs or applications from Recruitment Agencies.

Any recruitment enquiries from recruitment agencies should be directed to People.Recruitment@manchester.ac.uk

Any CV's submitted by a recruitment agency will be considered a gift.

Enquiries about the vacancy, shortlisting and interviews:

- **Name:** Professor Shan Zhong
- **Email:** zhong@manchester.ac.uk

General enquiries:

- **Email:** recruitment@manchester.ac.uk

Technical support:

- <https://jobseekersupport.jobtrain.co.uk/support/home>

This vacancy will close for applications at midnight on the 23 October 2024.

Please see the link below for the Further Particulars document which contains the person specification criteria.

Supporting Documents

- [save_altSAE-026648 - Technical Specialist \(Experimental Aerodynamics\) FPs\(PDF,104KB\)](#)

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EEO/AA Policy

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Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact Human Resources
Science and Engineering
University of Manchester
Manchester
United Kingdom