

Research Associate

Ecole/Institution/Société:

University of Bristol, United Kingdom / Bristol

Discipline:

Aeronautical Engineering

Type d'emploi::

Full-time

Date de publication:

2021-03-05

Personne à contacter:

If you wish to apply for this position, please specify that you saw it on AKATECH.tech

Research Associate in Aeroacoustics

University of Bristol

Town / City: Bristol

Position type: Full time

Salary: £ 33,797 - £ 38,017

Reference number: BRI-ACAD105068

The role

Based in the world leading Aeroacoustics and Aerodynamics research team within the Faculty of Engineering at the University of Bristol, this is an exciting opportunity to join a team developing state-of-the-art theoretical and experimental methods to investigate the aerodynamic and noise generation from airfoils at high angles of attack.

The aeroacoustic measurements will be carried out in the new, large-scale aeroacoustics facility at the University of Bristol. The project is funded by EPSRC and is a collaboration with partners from the University of Southampton, GE-Dowty and Embraer.

What will you be doing?

- You will investigate noise generation from airfoils and be responsible for the aerodynamic and acoustic measurements in the aeroacoustics facility.
- You will develop new modeling and experimental tools and be responsible for data collection and management of noise and flow databases.
- You will work in close collaboration with both industrial and academic partners.
- You will share data and research findings and attend review meetings to present your results.

You should apply if

- You have a PhD (or with equivalent experience) in Aerospace Engineering, Mechanical Engineering, Physics or Mathematics or a related discipline or you have a first degree in one of the afore-mentioned subjects and equivalent experience in a relevant role in industry.

- You have a sound knowledge of acoustics.
- You have practical experience of lab-based experiments.
- You have experience of developing new modeling and experimental tools.
- You have experience of data collection and organization in a research setting.
- You have proven problem-solving experience and ability to find creative solutions to complex problems.
- You are excited about working in a multi-disciplinary team.

We welcome applications from all members of our community and are particularly encouraging those from diverse groups, such as members of the LGBT + and BAME communities, to join us.

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