

PhD Studentship in Aeroacoustics and Flow/Noise Control
Southern University of Science and Technology
(SUSTech)

Direct Link: <https://www.AcademicKeys.com/r?job=228848>

Downloaded On: May. 9, 2024 5:56am

Posted Jan. 14, 2024, set to expire May 15, 2024

Job Title	PhD Studentship in Aeroacoustics and Flow/Noise Control
Department	Department of Mechanics and Aerospace Engineering https://mae.sustech.edu.cn/en/
Institution	Southern University of Science and Technology (SUSTech) Shenzhen, Guangdong, China
Date Posted	Jan. 14, 2024
Application Deadline	Feb. 29, 2024
Position Start Date	Sep. 1, 2024
Job Categories	Graduate Student
Academic Field(s)	Mechanical Engineering Engineering Mechanics Aerospace/Aeronautical/Astronautics
Job Website	https://gs.sustech.edu.cn/#/admission/en/cooperation
Apply By Email	

Job Description

Applications are invited for a PhD studentship at the Department of Mechanics and Aerospace Engineering (MAE), Southern University of Science and Technology (SUSTech) in Shenzhen, China. The successful candidates will join the Advanced Aerodynamics and Aeroacoustics Laboratory (A3 Lab), and will be working with Dr Yu Liu (Associate Professor).

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Project Descriptions

PhD research projects are available in the areas of (but not limited to):

1. Flow and noise control of bluff bodies (e.g. polygonal cylinders)
2. Passive/active noise control of airfoils and wind turbines
3. Low-noise design for PC cooling fans
4. Aerodynamic and acoustic testing techniques, e.g. phased microphone array, flexible pressure sensors

About SUSTech

SUSTech is a young public university founded by the Shenzhen Municipal Government in December 2010. SUSTech aspires to be a globally-renowned university that contributes to the advancement of science and technology by excelling in interdisciplinary research, nurturing creative future leaders and creating knowledge for China and the world. Built around the three pillars of Research, Innovation and Entrepreneurship, and propelled by its global collaboration strategies, SUSTech has rapidly grown into a prominent higher learning institution active at the scientific frontiers. It addresses the priorities of regional and national development strategies while blazing the trail for China's higher education reform and innovation.

According to the Times Higher Education World University Rankings, SUSTech has been ranked among top ten universities in mainland China since 2018. The latest QS World University Rankings placed SUSTech 11th in mainland China.

More information about SUSTech, the MAE Department, and Dr Yu Liu can be found at:

<https://www.sustech.edu.cn/en/>

<https://mae.sustech.edu.cn/en/>

<https://faculty.sustech.edu.cn/liuy/en/>

About the Programs

1. SUSTech offers Doctoral Programs in English for international students.

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2. The Doctoral Programs are generally required to be completed in three to four years.
3. Please visit the webpage for information about SUSTech supervisors and research areas.

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Scholarship

All international students admitted by Doctoral Programs will be awarded one of the two types of the scholarships. The university will make a comprehensive assessment of the applicant and decide on the level of scholarship.

1. Stipend and tuition waiver

- A stipend of RMB 100,000 per year for up to four years
- Waiver of RMB 40,000 per year tuition fee

2. Stipend only

- A stipend of RMB 100,000 per year for up to four years
- Student pays the tuition fee of RMB 40,000 per year

Please note that the maximum period that a graduate student is eligible for the stipends shall be the normative duration of the program in which the student is enrolled. Students completing their graduate studies within the normative program length are eligible for the stipends until the month of graduation.

Accommodation

Accommodation fee: RMB 1500/month for a single ensuite room or RMB 800/month/person for a double room in the graduate student dormitories on campus, plus water and electricity bills.

How to apply

1. Eligibility of applicants

- Applicants must be non-Chinese citizens with a valid passport.
- Applicants for Doctoral Programs must have attained a Master's degree. Applicants who have not graduated can provide expected graduation certificate while the official diploma must be provided

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before enrollment.

- Language competence: TOEFL 90 or above; or IELTS 6.5 overall or above, with no sub-scores lower than 6. Applicants are not required to present TOEFL or IELTS score if their first language is English, or their previous degree was awarded by an institution where the language of instruction was English. Please note that SUSTech academic departments may have higher English language requirements.

2. Application Procedures

Please login to the online application system (<https://sustech.at0086.cn/StuApplication/Login.aspx>) during the application period, select “Doctoral Degree Programs”, complete the application correctly and completely, and upload the application documents listed below.

3. Application Period

Application period: 5 January 2023 to 29 February 2024

Evaluation and Admission

- Applications will be pre-screened based on the documents provided by the applicants. Selected applicants may be invited to an interview. The time and other details of the interview will be announced in advance by SUSTech academic departments.
- **Criteria for “Stipend and tuition waiver”:** The applicant's undergraduate or master's degree is from a university ranked in the top 500 universities in the world or in the top 5% (developing countries) or 20% (developed countries) of his/her home country. The applicant has a 3.30 GPA or above in both undergraduate and master's degrees, or is deemed to be at the same level, has some research experience and achievements.
- **Criteria for “Stipend only”:** The difference from the previous level is that a 3.30 GPA in either one of the student's undergraduate or master's grades is sufficient.
- The University Admissions Committee will make the final decision on admissions and types of scholarship.

Registration

The registration period for admitted Doctoral Students is in late August. Students must enter China with a valid passport and an X1 visa, and must apply for a Residence Permit within 30 days of arrival in China. Students who hold other types of visas cannot be registered at SUSTech. All students should

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present the offer letter, the passport and other necessary original or notarized degree certificates upon registration at SUSTech for enrollment qualification review. Students who fail the enrollment qualification review will be disqualified from enrollment.

Enquiries

Please send a cover letter explaining your qualifications for the PhD program, a CV with a list of publications, and the contact details of two referees via email.

Contact: Dr Yu Liu Email: liuy@sustech.edu.cn

General enquiries:

SUSTech Graduate School Admissions and International Office

Email: pgadmissions@sustech.edu.cn

SUSTech official website: <http://www.sustech.edu.cn/en>

Contact Information

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

Contact Dr Yu Liu
Department of Mechanics and Aerospace
Engineering
Southern University of Science and Technology
(SUSTech)
1088 Xueyuan Avenue
Nanshan District
Shenzhen, Guangdong 518055
China

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Contact E-mail liuy@sustech.edu.cn