

Fully-funded PhD studentship
Southern University of Science and Technology

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Posted Nov. 8, 2024, set to expire Feb. 12, 2025

Job Title Fully-funded PhD studentship
Department Department of Mechanics and Aerospace Engineering
<https://mae.sustech.edu.cn/>
Institution Southern University of Science and Technology
Shenzhen, Guangdong, China

Date Posted Nov. 8, 2024

Application Deadline Feb. 12, 2025

Position Start Date Sep. 1, 2025

Job Categories Graduate Student

Academic Field(s) Engineering - Other

Job Website <https://faculty.sustech.edu.cn/?tagid=tangx&iscss=1&snapid=1&orderby=date&go=2&lang=en>

Apply By Email tangx@sustech.edu.cn

Job Description

PhD scholarship for Lab of Interfacial and Micro Flows

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Stipend

RMB 54,600 to 66,000 per year. Waiver of tuition fee and free double-room accommodation.

Language

All lectures are taught in English.

Application

First round (main round): 2025.1.1 - 2025.2.12

Second round: 2025.3.1 - 2025.4.1

To apply for this scholarship, send a two-page CV, a cover letter, and transcripts to Prof. Xin TANG (tangx@sustech.edu.cn).

Introduction of Lab of Interfacial and Micro Flows

Research interests

- Interfacial phenomena (liquid/solid interaction, superwettability);
- Microscale fluids (microfluidics, droplet dynamics, microscale flows);
- Nanotechnology (nanomaterials, nanostructures, size effect).

Principal Investigator

The PI for laboratory of interfacial and micro flows is TANG Xin. He is an Associate Professor at the Department of Mechanics and Aerospace Engineering. He received the degree of Ph.D. from the University of Hong Kong in 2019. His main academic contributions are as follows: 1. Discovered and delineated the furcated droplet motility on crystalline surfaces (*Nature Nanotechnology* 2021); 2. Designed lossfree fluid gripper and photopyroelectric microfluidics for precise droplet manipulations (*Nature Communications*

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2017; *Science Advances* 2020); 3. Studied the enhanced droplet deposition on nonwetting surfaces using thin lubricant overlayer (*Nature Communications* 2021).

EEO/AA Policy

The University actively supports equality, diversity and inclusion and encourages applications from all sections of society.

Contact Information

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

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