



南方科技大学
SOUTHERN UNIVERSITY OF SCIENCE AND TECHNOLOGY

Faculty Positions in Solid Mechanics and Aerospace Engineering

Department of Mechanics and Aerospace Engineering

Southern University of Science and Technology

The Department of Mechanics and Aerospace Engineering (MAE) at Southern University of Science and Technology (SUSTech) in Shenzhen, China invites applications for multiple tenured or tenure-track faculty positions at all ranks. We seek ambitious and creative candidates who are well versed with the fundamentals of solid mechanics or some focused areas of aerospace engineering, have the vision and capability of carrying out interdisciplinary research, and contribute to the collegial and collaborative environment of the department. Research expertise interfusing solid mechanics with other disciplines are welcome, such as multi-physics and multi-scale computational mechanics, biomechanics, machine learning and data-driven simulations; as well as expertise in aerospace engineering, such as aerodynamics, aerostructures, propulsion, control, or orbital mechanics. Candidates with the above-mentioned expertise and working in the application areas of aeroengines, wind turbines, or unmanned aerial vehicles (UAVs) are especially encouraged to apply.

The successful candidates are expected to build strong and independent research, advise graduate and undergraduate students, publish in archival journals, and teach both undergraduate and graduate courses in solid mechanics and/or aerospace engineering. Senior candidates are expected to play leadership roles in research and education efforts in the department. Globally competitive salaries and attractive start-up packages will be provided to all new faculty hires.

The MAE Department was established in the end of 2015 and has two undergraduate

programs: Theoretical and Applied Mechanics, and Aerospace Engineering, and possesses state-certified BS, MS and PhD degree programs. The department currently has 25 tenured/tenure-track faculty members, conducting active research in the general areas of fluid mechanics, solid mechanics, computational mechanics, micro and soft materials/devices, aeroengines, aeroacoustics, and UAVs.

Established in 2010, SUSTech is a public institution in Shenzhen, a special economic zone in China. Located in the Pearl River Delta region and neighboring Hong Kong, Shenzhen is one of the top four most prosperous cities in China and has been consistently referred to as the leader in technological developments. The mission of SUSTech has been to be a model in the reform of higher education in China and become a world-class institution with a strong emphasis on student learning experience, world-class research, innovation and entrepreneurship. The teaching language is English for most of the courses taught at the SUSTech. More information about SUSTech can be found at <http://sustech.edu.cn/>.

Applicants should submit the following materials: (1) A complete curriculum vita; (2) Names, affiliations, and contact information of at least three references; (3) Statement of research interests and plan; (4) Statement of teaching philosophy; and (5) Copies of three representative research publications. These application materials should be sent by e-mail to: mae@sustech.edu.cn. Female candidates are especially welcome to apply for these open positions.

