



Faculty Positions in Interdisciplinary Mechanics
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 mechanics, have the vision and capability of carrying out interdisciplinary research, and contribute to the collegial and collaborative environment of the department. Researches interfusing solid mechanics with any other disciplines are welcome, such as biomedical engineering, robotics, advanced materials, aerospace materials and structures, human-machine interface, artificial intelligence, energy systems, manufacturing and composites, and data science. 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. Senior candidates are expected to play leadership roles in research and education. Globally competitive salaries and very attractive start-up packages will be provided.

The MAE Department was established in 2015, and just graduated its first class of students in Summer 2018. The department 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 19 tenured/tenure-track faculty members, conducting active research in the general areas of fluid mechanics, solid mechanics, computational mechanics, micro and soft materials and devices, aeroengines, unmanned aerial vehicles, aeroacoustics and dynamics.

Established in 2012, 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 reform higher education in China and become a world-class institution with a strong emphasis on student learning experience, world-class research, innovation and entrepreneurship. More information can be found at <http://sustc.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) a statement of research and teaching interests and plan, and (4) copies of three representative publications. These application materials should be sent by e-mail to: Professor Wei Hong (hongw@sustc.edu.cn), Chair, Faculty Search Committee in Interdisciplinary Mechanics. Screening starts immediately and will continue until the positions are filled.

SUSTech values diversity and equal opportunity, international and female candidates are strongly encouraged to apply.

