



南方科技大学
SOUTHERN UNIVERSITY OF SCIENCE AND TECHNOLOGY

SUSTech Institute for Manufacturing Innovation Southern University of Science and Technology

Faculty Positions Available (Tenure Track)



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About the Institute

The SUSTech Institute for Manufacturing Innovation (IMI) was established in September 2021 as a university-level research institute. Since its inception, IMI has focused on intelligent manufacturing, targeting technological advancements in emerging industrial clusters. By leveraging the strengths of the Shenzhen Key Laboratory of Cross-scale Manufacturing Mechanics, IMI is dedicated to addressing key technologies, such as those in high-precision optical components, new materials (e.g., metamaterials), next-generation semiconductors, renewable energy systems, intelligent sensors, and medical devices.

IMI's research spans fundamental studies and the development of intelligent technologies, aiming to provide effective solutions to significant scientific and technological challenges. The institute strives to build an integrated theoretical and technical system for intelligent manufacturing.

IMI plans to create an interdisciplinary innovation team with an international perspective, actively promote the establishment of a "University-Enterprise Joint Center for Emerging Strategic Industries," enhance industrial innovation capabilities, extend the industry chain towards high value-added ends, and support the leapfrog development of high-tech industries.

In addition to faculty positions within the Tenure Track, IMI is also recruiting research personnel, including Postdoctoral Researchers and RAPs (Research Assistant Professors, Research Associate Professors and Full Research Professors). For more details, please visit the following webpages:

<https://talent.sustech.edu.cn/rsfw/sys/zpplxt/extranet/index.do#/gwxq/3b7db1ec53a4467180002e8478ad4cec>

<https://talent.sustech.edu.cn/rsfw/sys/zpplxt/extranet/index.do#/gwxq/f4d026c4ddee41f48c17443e4a824975>



Recruitment Directions

To enhance platform construction and expand the teams research and teaching capabilities, the IMI invites outstanding talents from both domestic and international backgrounds to join us. We are recruiting for positions at all academic levels, including Full Professors, Associate Professors, and Assistant Professors, depending on the qualifications and experience of individual applicants. The research and teaching directions for recruitment, listed in no particular order of priority, include:

(1) Solid Mechanics (priority given to those with a background in "Elastic-Plastic Constitutive Theory of Advanced Materials");

(2) Nanomechanics (priority given to those with a background in "Performance Evolution of Materials under High power Beams");

(3) Composite Metamaterials (theory and experiment);

(4) Contact Mechanics (priority given to those with a background in "Dynamics of Complex Surface Contact");

(5) Fluid-Solid Interaction (theoretical and computational; priority given to those with a background in the theory on "Dynamic Behavior of Viscous Fluids under Strong Solid Boundary Motion").

Position Benefits

(1) Appointment as an independent PI in the Tenure Track at SUSTech, offering an internationally competitive salary and benefits, a stable academic environment, and comfortable office conditions.

(2) Qualification as a Ph.D. and Masters supervisor, with preferential support for cultivating Ph.D. and Masters students during the initial two years.

(3) Assistance in applying for national, provincial, municipal, and university talent projects.

(4) Assistance in applying for research start-up funding and providing matching funds.

(5) Assistance with schooling arrangements for the children of recruited talents, among other support.

More specific matters can be discussed on an individual basis.



Application Submission

Applicants need to submit at least the following materials:

(1) Detailed personal resume;(2) Research statement (up to three A4 pages) summarizing the applicant's current research and major achievements, its alignment with one or several directions of the IMI recruitment positions, and future research plans;(3) Teaching statement (up to three A4 pages) outlining the applicant's teaching philosophy, practical strategies, and plans;(4) Names and contact information of at least three referees (including their affiliation, academic/technological position, phone number, and email address);(5) Other materials that can further demonstrate the applicant's abilities. Applicants must send their application materials (in PDF format) to the following email address: imi@sustech.edu.cn

The email subject must be "Position Title (Faculty Rank) + Applicant's Name".

Position Requirement

(1) PhD degree in a relevant discipline from a globally recognized university.

(2) Demonstrated academic capability in the focus areas of the IMI.

(3) Proven ability to undertake tasks in research, teaching and industry collaboration.

(4) Alignment with the educational philosophy of SUSTech, with a demonstrated innovative mindset, team spirit and strong academic and research ethics. The email subject must be "Position Title (Faculty Rank) + Applicant's Name".

All positions are open until filled.



Contact

HR Officer: Ms. W.J. Li

Phone: (+86)(0)755-88011431

Email Address: imi@sustech.edu.cn

Contact >>>

Welcome to follow



Web: imi.sustech.edu.cn

Email: imi@sustech.edu.cn

Contact: Ms. Li

Tel: 0571-88011431 88015899

Address: 1088 Xueyuan Avenue,
Shenzhen 518055, P.R. China

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