Postdoctoral positions in Atmospheric Chemistry Modeling and/or Remote Sensing of Trace Gases

Job Description

The Atmospheric Chemistry Modeling & Remote Sensing Research Group at Southern University of Science and Technology (SUSTech) seeks applicants with expertise in Atmospheric Chemistry Modeling and/or Remote Sensing of Trace Gases. The successful candidate will work on modeling of atmospheric chemistry and/or observing trace gases from space.

Requirements

- A Ph.D. degree (awarded within 3 years) in atmospheric science, remote sensing, environmental science, earth science, or related fields
- Experience in atmospheric chemistry modeling and/or remote sensing
- Skills in data analysis and visualization (*e.g.*, IDL, NCL, Matlab, R, Python)
- Familiarity with the Linux system and Fortran
- 1-3 peer-reviewed publication(s)

Application Deadline

August 1st, 2020.

Supervision

The successful candidate will be under Prof. Lei Zhu's supervision and will be expected to adhere to all SUSTech rules and requirements.

Appointment

2 years appointment with the opportunity for renewal subject to mutual agreement, continued funding, and satisfactory performance.

The successful candidate will also have the opportunity for promotion to a research assistant professor subject to the approval by the school recruitment committee.

Salary and Benefits

330K to 400K RMB, including base salary, housing subsidy, and supplemental income (tax-free) provided by the city of Shenzhen.

Benefits, such as medical insurance and holiday bonus pay, are the same as regular faculty members at SUSTech.

Location

Shenzhen, China

Application Procedure

Please submit your application by e-mail as a single PDF file to Prof. Lei Zhu (zhul3@sustech.edu.cn). Early applications are strongly encouraged as interviews may take place during the application period, but a decision will not be made until after the closing date.

Your application should contain a CV, a research statement about your research interests/areas and why you are interested in us, and contact information of 3 references.

About the Research Group

The Atmospheric Chemistry Modeling & Remote Sensing Research Group is part of the School of Environmental Science and Engineering at SUSTech. Our goal is to better understand processes governing the distributions of atmospheric species, and their implications for air quality, public health, and climate. To this end, our research combines modeling, remote sensing, and data assimilation techniques. We work with researchers all over the world through collaborative model development, satellite missions, field campaigns, and global measurement networks.

For more information, please visit our website at https://www.acmrsg.org.

About SUSTech

Established in 2011, SUSTech is a public research university funded by the Shenzhen Municipality. It is positioned to be a top-tier international university that excels in interdisciplinary research, the nurturing of innovative talents and the transfer of new knowledge to practice. Located in Shenzhen, one of the fastest growing cities in China and the country's window to the world, SUSTech enjoys strong connections with leading companies in China and renowned universities around the world.

SUSTech is comprised of the College of Science, the College of Engineering and the College of Innovation and Entrepreneurship. In addition, the College of Humanities and Social Sciences, the School of Business, as well as the School of Medicine and its Teaching Hospitals are being developed.

Over three hundred research projects were being carried out at SUSTech in 2017, with the total amount of funding exceeding 700 million RMB. Since its establishment six years ago, SUSTech has received funding for nearly 800 competitive public and private research projects with the total funding sum exceeding 1,300 million RMB. From 2015-2017, SUSTech's Nature Index rose from 13.88 to 53.58, elevating its national Nature Index ranking from 55th to 28th among all mainland Chinese Universities.

For more information, please visit https://www.sustech.edu.cn/en/.