

**SSE Post Doctoral Researcher– Complex Engineering
Systems- Prof. Hao Chen
Stevens Institute of Technology**

Direct Link: <https://www.AcademicKeys.com/r?job=220600>

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Posted Aug. 31, 2023, set to expire Jul. 12, 2024

Job Title SSE Post Doctoral Researcher– Complex Engineering
Systems- Prof. Hao Chen

Department School of Systems and Enterprises

Institution Stevens Institute of Technology
Hoboken, New Jersey

Date Posted Aug. 31, 2023

Application Deadline Open until filled

Position Start Date Available immediately

Job Categories Post-Doc

Academic Field(s) Industrial & Systems Engineering

Job Website https://stevens.wd5.myworkdayjobs.com/External/job/Hoboken-NJ---Main-Campus/SSE-Post-Doctoral-Researcher--Complex-Engineering-Systems--Prof-Hao-Chen_RQ27288

Apply By Email

Job Description

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The Complex Engineering Systems Lab in the School of Systems and Enterprises at Stevens Institute of Technology invites applications for a Postdoctoral Researcher position in the general area of systems engineering, engineering design, and complexity science, with application to the design of complex engineering systems and/or space systems. The specific subjects of interest include (1) engineering design under extreme environment or at extreme scale, (2) technology evolution in complex engineering systems, (3) human-system integration in isolated, confined, and extreme (ICE) environments (e.g., in space exploration).

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This is a full-time position available immediately and will be renewed annually dependent on performance and funding.

Responsibilities will depend on the projects and may include the following primary tasks:

- study and establish fundamental design theories for complex engineering systems, such as empirical or theoretical methods for complex system representation, evolution, and dynamics;
- search and collect data from scientific literature to support the design and demonstration of the proposed methods and procedures;
- participate in preparation of reports, conference papers, and journal articles;
- and appropriately involve and mentor graduate/undergraduate students in research related activities; write and present research/study status reports for projects and managing regular status updates in coordination with the program managers;

Qualifications

Eligible candidates must hold an earned doctoral degree and a record of published research in industrial & systems engineering, aerospace engineering or a related field with a demonstrated capability for publishing innovative research. Experience and interest in working with complexity science, system dynamics, and statistics is preferred. Demonstrated ability to work as a member of an interdisciplinary team in developing innovative approaches to practical problems and executing cooperative, multidisciplinary research is required.

Department

School of Systems and Enterprises

General Submission Guidelines:

In order to be considered a candidate for any job at Stevens, you must submit an online application. Please attach a cover letter and resume with each application. Other requirements for consideration may depend on the job.



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Still Have Questions?

If you have any questions regarding your application, please contact Jobs@Stevens.edu

EEO Statement:

Stevens Institute of Technology is an Equal Opportunity Employer. Accordingly, Stevens adheres to an employment policy that prohibits discriminatory practices or harassment against candidates or employees based on legally impermissible factor(s) including, but not necessarily limited to, race, color, religion, creed, sex, national origin, nationality, citizenship status, age, ancestry, marital or domestic partnership or civil union status, familial status, affectional or sexual orientation, gender identity or expression, atypical cellular or blood trait, genetic information, pregnancy or pregnancy-related medical conditions, disability, or any protected military or veteran status.

Stevens is building a diverse faculty, staff and student body and strongly encourages applications from female and minority candidates as well as veterans and individuals with disabilities. Stevens is a federal contractor under the Vietnam Era Veterans' Readjustment Assistance Act (VEVRAA) and the Rehabilitation Act of 1973, as well as other federal statutes.

Jeanne Clery Disclosure:

In accordance with the Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act (Clery Act), the Department of Public Safety is required to publish an annual security report which includes statistics mandated by the Clery Act. You can obtain a copy of this report by accessing the following web site: <https://www.stevens.edu/police>

Contact Information

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

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Contact

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