

Postdoctoral Fellowship in Physics

Position Description

Pilkyung Moon's group (wp.nyu.edu/moon/publications) at [NYU Shanghai](http://nyu.edu) invites applications for one postdoctoral research fellow position in condensed matter theory. Those who are interested in the theoretical investigation of the electronic structures and physical properties of low-dimensional nanostructures, such as graphene superlattices, moiré superlattices, quasicrystals, and nanotubes are encouraged to apply.

Appointments will be made for two years, renewable for successive years under mutual agreement. Terms of employment at [NYU Shanghai](http://nyu.edu) are comparable to NYU New York and other U.S. institutions.

Responsibilities:

- carry out research with Prof. Pilkyung Moon in the general area of hard condensed matter physics
- apply research grants
- train and supervise students

Qualifications

Required Education

- Ph.D. in physics, material sciences, or related area

Required Experience

- Analytical and/or computational experiences in low-dimensional nanostructures are preferred.

Required Knowledge, Skills and Abilities

- Knowledge in theoretical condensed matter physics is required.

Application Instructions

Interested applicants are asked to submit a curriculum vitae including (i) a list of publications, (ii) a brief statement of research, (iii) electronic copies of up to five relevant publications, (iv) 1-2 pages research proposal, and (v) a cover letter addressing their interest in the group. To complete the online process, applicants will be prompted to enter the names and email addresses of at least three referees. Each referee will be contacted to upload a reference letter through Interfolio.

Applications received by January 31, 2024 will receive full consideration, but

applications will be accepted until the position is filled. After the selection, the position will start as soon as possible subject to immigration regulations.

To apply, follow this link <https://apply.interfolio.com/138372>. If you have any questions on the application process, please email the NYU Shanghai NY Office of Faculty Recruitment shanghai.faculty.recruitment@nyu.edu. For further questions on the position details, please contact Prof. Pilkyung Moon at pilkyung.moon@nyu.edu.

About NYU Shanghai:

[NYU Shanghai](#) is the third degree-granting campus within New York University's Global Network. It is the first higher education joint venture in China authorized to grant degrees that are accredited in the U.S. as well as in China. All teaching is conducted in English. A research university with liberal arts and science at its core, NYU Shanghai resides in one of the world's great cities with a vibrant intellectual community. NYU Shanghai recruits scholars of the highest caliber who are committed to NYU's global vision of transformative teaching and innovative research and who embody the global society in which we live.

NYU's Global Network includes degree-granting campuses in New York, Shanghai, and Abu Dhabi, complemented by twelve additional academic centers across the world. Faculty and students may circulate within the network in pursuit of common research interests and cross-cultural, interdisciplinary endeavors, both local and global.

For people in the EU, click here for information on your privacy rights under GDPR: www.nyu.edu/it/gdpr.

[NYU Shanghai](#) is an equal opportunity employer committed to equity, diversity, and social inclusion. We strongly encourage applications from under-represented individuals in the profession, across color, creed, race, ethnic and national origin, physical ability, and gender and sexual identity. [NYU Shanghai](#) affirms the value of differing perspectives on the world as we strive to build the strongest possible university with the widest reach.