

## Quantum Photonics Lab Postdoctoral Fellow

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### Position Description

The quantum photonics lab at NYU Shanghai is seeking a dynamic individual with a Ph.D. in physics, ECE, or a relevant field to join our cutting-edge quantum photonics research team.

#### Responsibilities:

- Conduct cutting-edge research on quantum photonics, focusing on quantum communication, quantum networking, and optical sensing.
- Contribute to lab development and management.
- Co-supervise graduate and undergraduate students.
- Publish research papers in scientific journals and present results at conferences.
- Encouraged: Write funding proposals as Principal Investigator (PI) or co-PI.

Join us on the forefront of quantum photonics research and contribute to shaping the future of quantum communication! Your expertise and dedication can make a significant impact. Apply today!

Terms of employment at [NYU Shanghai](#) are comparable to NYU New York and other U.S. institutions. The position will include a one year contract, with a possibility of renewal.

### Qualifications

Key Qualifications:

- PhD in Physics, ECE, or a relevant field
- Strong hands-on experience in fiber optic experiments
- Strong publication record at peer-reviewed journals
- Desirable: Previous experience in coherent optical communication or continuous variable quantum communication
- Desirable: Previous experience in optical lab management
- Excellent communication skills in English; fluency in Chinese is desirable

**Eligibility:** Applicants must have a Ph.D. at the time of hiring.

## **Application Instructions**

Applicants must submit the following documents:

- A one-page Cover Letter
- Detailed Curriculum Vitae (CV) with a publication list
- Names and email addresses of at least two referees
- **(Optional)** Research plan and interests

Review of applications will begin immediately and will continue until the position is filled. To apply, follow this link <http://apply.interfolio.com/137820>. If you have any questions about the application process, please email the NYU Shanghai NY Office of Faculty Recruitment [shanghai.faculty.recruitment@nyu.edu](mailto:shanghai.faculty.recruitment@nyu.edu). For more information about this position, please contact Prof. Bing Qi ([bing.qi@nyu.edu](mailto:bing.qi@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](http://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.