

Postdoctoral position in Prof. Hsiang-Lin Liu's group at Department of Physics, National Taiwan Normal University

Prof. Hsiang-Lin Liu's group at the Department of Physics, National Taiwan Normal University (NTNU-Physics), Taipei, Taiwan, opens a postdoctoral position in experimental condensed matter physics.

Our group focuses on the optics of low-dimensional materials, including nanotubes, graphene, transition-metal dichalcogenides, hexagonal boron nitride, and their heterostructures. Chair Prof. Riichiro Saito, NTNU, collaborates on the project from a theoretical point of view.

1. Experimental setups:

Spectroscopic ellipsometry, Raman spectroscopy, and deep-ultraviolet photoluminescent spectroscopy are included among the shared facilities at NTNU-Physics and established in collaboration with National Taiwan University.

2. Responsibilities:

- (1) Investigating the optical properties of low-dimensional materials
- (2) Supervising both undergraduate and graduate students' research

3. Period: one year (extendable depending on the activity)

4. Salary: 60,000 or 70,000 NTD per month, based on qualifications

5. Application: Please email the following by May 31st, 2024: (1) your CV, and (2) up to three PDF files of your selected papers.

6. Up to two recommendation letters are optional and should be directly sent from the recommender by May 31st, 2024.

7. Contact: Prof. Hsiang-Lin Liu (Email: hliu@ntnu.edu.tw)

**Internship program for graduate students at
Department of Physics, National Taiwan Normal University
- Enjoy Taipei Life -**

Prof. Hsiang-Lin Liu's group at the Department of Physics, National Taiwan Normal University (NTNU-Physics), Taipei, Taiwan, invites graduate students and young scientists to join us in the field of experimental condensed matter physics for one month. The goal of this internship is to collaborate on a scientific paper.

Our group focuses on the optics of low-dimensional materials, including nanotubes, graphene, transition-metal dichalcogenides, hexagonal boron nitride, and their heterostructures. Chair Prof. Riichiro Saito, NTNU-Physics, collaborates on the project from a theoretical point of view. If you have any samples that you wish to measure, it would be ideal to conduct measurements and perform theoretical analysis within an intensive month. Communication within our team is in English. Before and after the internship, we offer support for sample preparation, theoretical calculations, and assistance in drafting the paper.

We do not cover travel and living expenses. However, we can assist with arranging an affordable NTNU Campus Hostel for your stay. Chair Prof. Riichiro Saito ensures a safe living environment in Taipei City.

If you are interested in the internship program, please contact us by e-mail or Zoom meeting. The condition can be changed flexibly. It is noted that Chair Prof. Riichiro Saito will be visiting NTNU-Physics from Sep. 8th to Oct. 5th and Nov. 21st to Dec. 21st in 2024.

Contact: Prof. Hsiang-Lin Liu (Email: hliu@ntnu.edu.tw) with cc r.saito.sendai@gmail.com. You can contact Chair Prof. Riichiro Saito in Japanese, too.