

Research Fellow (Experimental 2D Exciton-Polaritons) Nanyang Technological University

Direct Link: <https://www.AcademicKeys.com/r?job=236299>

Downloaded On: Jul. 3, 2024 1:49am

Posted May 20, 2024, set to expire Apr. 1, 2025

Job Title	Research Fellow (Experimental 2D Exciton-Polaritons)
Department	School of Physical and Mathematical Sciences
Institution	Nanyang Technological University Singapore, , Singapore
Date Posted	May 20, 2024
Application Deadline	Open until filled
Position Start Date	Available Immediately
Job Categories	Professional Staff
Academic Field(s)	Physics - General Sciences - General
Job Website	https://ntu.wd3.myworkdayjobs.com/en-US/Careers/details/Research-Fellow--Experimental-2D-Exciton-Polaritons-_R00017219

Apply By Email

Job Description

A Research Fellow position is currently available in the School of Physical and Mathematical Sciences (SPMS).

Key Responsibilities:

-

Research Fellow (Experimental 2D Exciton-Polaritons) Nanyang Technological University

Direct Link: <https://www.AcademicKeys.com/r?job=236299>

Downloaded On: Jul. 3, 2024 1:49am

Posted May 20, 2024, set to expire Apr. 1, 2025

Responsible for fabrication of active mediums for exciton polariton lattices

- Use lithographic techniques such to etch lattice/network/circuit patterns
- Perform characterization of structures using atomic force microscopy and optical spectroscopy
- Collaborate with theoretical researchers in the design and optimization for new fundamental effects and the creation of polaritonic electrical devices
- Record, manage, and store collected data in line with NTUs data management policies
- Disseminate results in the form of peer-reviewed publications and presentations at international conferences

Job Requirements:

- PhD in Physics, Optics, Material sciences, Engineering from a reputable University
- Track record of peer-reviewed papers in international journals
- Experience in the heterostructure and device fabrications

We regret to inform that only shortlisted candidates will be notified.

**Research Fellow (Experimental 2D Exciton-Polaritons)
Nanyang Technological University**

Direct Link: <https://www.AcademicKeys.com/r?job=236299>

Downloaded On: Jul. 3, 2024 1:49am

Posted May 20, 2024, set to expire Apr. 1, 2025

Contact Information

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

Contact

School of Physical and Mathematical Sciences
Nanyang Technological University
Singapore