

**Research Fellow (Physics)**  
**Nanyang Technological University**

Direct Link: <https://www.AcademicKeys.com/r?job=263251>

Downloaded On: Oct. 2, 2025 7:07am

Posted Oct. 1, 2025, set to expire May 6, 2026

<b>Job Title</b>	Research Fellow (Physics)
<b>Department</b>	School of Physical and Mathematical Sciences
<b>Institution</b>	Nanyang Technological University Singapore, , Singapore
<b>Date Posted</b>	Oct. 1, 2025
<b>Application Deadline</b>	Open untill filled
<b>Position Start Date</b>	Available Immediately
<b>Job Categories</b>	Research Scientist/Associate
<b>Academic Field(s)</b>	Physics - General
<b>Job Website</b>	<a href="https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Research-Fellow--Physics-_R00022050">https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Research-Fellow--Physics-_R00022050</a>
<b>Apply Online Here</b>	<a href="https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Research-Fellow--Physics-_R00022050">https://ntu.wd3.myworkdayjobs.com/Careers/job/NTU-Main-Campus-Singapore/Research-Fellow--Physics-_R00022050</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

**Join Our Team at the School of Physical and Mathematical Sciences, Nanyang Technological University, Singapore**

The School of Physical and Mathematical Sciences (SPMS) at NTU Singapore hosts research and education activities in two divisions: Division of Mathematical Sciences (MAS) and Division of Physics

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and Applied Physics (PAP). MAS covers diverse topics ranging from pure mathematics to the applications of mathematics in cryptography, computing, business, and finance. PAP covers many areas of fundamental and applied physics, including quantum information, condensed matter physics, biophysics, and photonics. Over the years, SPMS has attracted talented individuals from around the world and Singapore to join as scientific leaders and researchers.

### **Position Available: Research Fellow**

Join the laboratory of Zhang Baile at SPMS. We are seeking a Research Fellow to contribute to a project focused on topological photonic devices. Both theoretical and experimental studies are required, as part of ongoing research effort in School of Physical and Mathematical Sciences at NTU to develop new knowledge and technologies.

### **Key Responsibilities:**

- Design of topological photonic devices
- Experimental study of topological and non-Hermitian photonic devices
- Exploration of new topics in related areas

### **Job Requirements**

- A PhD degree in physics or related areas, with focus on photonic materials
- At least 4 years of relevant experiences in photonic materials / technical hands-on experience in

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theoretical photonics

- Familiarity with non-Hermitian physics
- Strong written and verbal communication skills in English - essential for data analysis and communication with stakeholders
- Minimum 4 research publications in top journals

The College of Science seeks a diverse and inclusive workforce and is committed to equality of opportunity. We welcome applications from all and recruit on the basis of merit, regardless of age, race, gender, religion, marital status and family responsibilities, or disability.

We regret that only shortlisted candidates will be notified.

**Contact Information**

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

**Contact**

Singapore