

**Research Fellow (Electrical modulator)  
Nanyang Technological University**

Direct Link: <https://www.AcademicKeys.com/r?job=243030>

Downloaded On: Apr. 18, 2025 7:57pm

Posted Aug. 13, 2024, set to expire May 6, 2025

<b>Job Title</b>	Research Fellow (Electrical modulator)
<b>Department</b>	School of Physical and Mathematical Sciences
<b>Institution</b>	Nanyang Technological University Singapore, , Singapore
<b>Date Posted</b>	Aug. 13, 2024
<b>Application Deadline</b>	Open until filled
<b>Position Start Date</b>	Available Immediately
<b>Job Categories</b>	Professional Staff
<b>Academic Field(s)</b>	Sciences - General
<b>Job Website</b>	<a href="https://ntu.wd3.myworkdayjobs.com/en-US/Careers/details/Research-Fellow--Electrical-modulator-_R00018124">https://ntu.wd3.myworkdayjobs.com/en-US/Careers/details/Research-Fellow--Electrical-modulator-_R00018124</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 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

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world and Singapore to join as scientific leaders and researchers.

A Research Fellow position is available in the laboratory of Weibo Gao Lab at SPMS, Nanyang Technological University, Singapore.

### **Key Responsibilities:**

- Research activities related to electrical-optics modulator calculation, simulation and design

### **Job Requirements:**

- Ph.D. degree in either material science or applied physics or relevant subject from well-established universities/institutes
- Highly motivated in multidisciplinary research
- Experience in Quantum materials
- Experience in electrical-optics modulator design
- Abilities to work independently as well as teamwork

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.

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We regret to inform 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**

School of Physical and Mathematical Sciences  
Nanyang Technological University  
Singapore