

Senior Research Fellow (Experimental Quantum Physics) Nanyang Technological University

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Posted May 5, 2025, set to expire Sep. 3, 2025

Job Title	Senior Research Fellow (Experimental Quantum Physics)
Department	School of Physical and Mathematical Sciences
Institution	Nanyang Technological University Singapore, , Singapore
Date Posted	May 5, 2025
Application Deadline	Open until filled
Position Start Date	Available Immediately
Job Categories	Faculty Associate Research Scientist/Associate
Academic Field(s)	Physics - Atomic/Molecular/Optical/Plasma Physics - General Sciences - General
Job Website	https://ntu.wd3.myworkdayjobs.com/en-US/Careers/details/Senior-Research-Fellow--Experimental-Quantum-Physics-_R00020592

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Job Description

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

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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.

A Senior Research Fellow position is available under Quantum Technology with ultracold atoms lab in School of Physical and Mathematical sciences, Nanyang Technological University, Singapore.

Key Responsibilities:

- Conduct research activities related to the Quantum project
- Supervise a team of 6 to 9 researchers
- Train young researchers and students
- Coordinate technical and scientific efforts

Job Requirements:

- The candidate must hold a PhD degree in Experimental Quantum Physics or a relevant discipline from a well-established university or institution.
- The candidate should also have at least 4 years of successful post-doctoral experiences in laser cooling of atoms or related research areas.
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The candidate must be highly motivated in research and must have proven experience in Quantum projects.

- The candidate should possess the ability to work both independently and collaboratively within a team.

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 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