

Visiting Professor Position in Physics Nanyang Technological University

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Posted May 5, 2025, set to expire Sep. 2, 2025

Job Title	Visiting Professor Position in Physics
Department	School of Physical & 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	Assistant Professor Visiting Professor
Academic Field(s)	Engineering Physics
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Job Description	

Young and research-intensive, Nanyang Technological University (NTU Singapore) is ranked 12th globally. It is also placed 1st among the world's best young universities.

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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The **Division of Physics and Applied Physics (PAP)** at SPMS invites applications for a **Visiting Professor** position in **Physics**, with a focus on **exciton-polariton systems** and their nonlinear properties in both classical and quantum regimes.

Position Overview

The successful candidate will:

- Collaborate closely with PAP faculty on **frontline research in exciton-polaritons**, quantum fluids of light, and polariton condensates.
- Develop **next-generation polaritonic platforms**, including on-chip neuromorphic and quantum photonic devices.
- Lead the formation of research consortia and facilitate the submission of **large-scale interdisciplinary research proposals** (e.g., MOE AcRF Tier 3, NRF-CRP).
- Mentor students and researchers in advanced experimental techniques and device fabrication.

Key Qualifications

Applicants should hold a **Ph.D. in Physics** or a closely related discipline and demonstrate:

- At least **15 years of research experience in the study of light–matter interactions, polariton physics, or nanophotonics**.
- Proven expertise in:
 - Fabrication of **polariton devices** (e.g., microcavities, perovskite metasurfaces, topological lattices).
 - **Ultrafast time-resolved spectroscopy** and advanced optical characterization.
 - Integration of **2D materials, organic/inorganic semiconductors, and hybrid photonic structures**.
- Experience in the **coordination of large research consortia**.

Enquiries about the position can be addressed to Professor Lew Wen Siang, at WenSiang@ntu.edu.sg.

Applications will be accepted until the positions are filled. All applications and materials submitted will be held in strict confidence. Only shortlisted candidates will be notified.

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Contact Information

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

Contact Ng Soke San
School of Chemistry, Chemical Engineering and
Biotechnology
Nanyang Technological University
Singapore
Singapore

Contact E-mail ngss@ntu.edu.sg