

## Research Fellow (Wireless Communications) Nanyang Technological University

Direct Link: <https://www.AcademicKeys.com/r?job=234845>

Downloaded On: Nov. 24, 2024 7:40pm

Posted Apr. 22, 2024, set to expire Apr. 1, 2025

<b>Job Title</b>	Research Fellow (Wireless Communications)
<b>Department</b>	School of Electrical and Electronic Engineering
<b>Institution</b>	Nanyang Technological University Singapore, , Singapore
<b>Date Posted</b>	Apr. 22, 2024
<b>Application Deadline</b>	Open until filled
<b>Position Start Date</b>	Available Immediately
<b>Job Categories</b>	Research Scientist/Associate Professional Staff
<b>Academic Field(s)</b>	Electrical and/or Electronics Computer Engineering
<b>Job Website</b>	<a href="https://ntu.wd3.myworkdayjobs.com/en-US/Careers/job/Research-Fellow--Wireless-Communications-_R00016817">https://ntu.wd3.myworkdayjobs.com/en-US/Careers/job/Research-Fellow--Wireless-Communications-_R00016817</a>
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**Apply By Email**

**Job Description**

NTU School of Electrical and Electronic Engineering (NTU EEE) <http://www.eee.ntu.edu.sg> is one of the founding Schools of the Nanyang Technological University. Built on a culture of excellence, the School is renowned for its high academic standards and research. With more than 130 faculty members and an enrolment of more than 4,000, of which close to 1,000 are graduate students, it is

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one of the largest EEE schools in the world. It ranks 1st in 2023 QS World University Rankings by Subject in Singapore and Asia, 9th in 2023 QS World University Rankings by Subject, 2nd in 2022 Best Global Universities for EEE in US News and World Report, and 8th in 2022 Shanghai Ranking's Global Ranking of Academic Subjects.

A Research Fellow position is available to support Flexible Bandwidth Orthogonal Time Frequency Space (OTFS) Modulation for Wireless Communications project.

### Key Responsibilities:

- Study and develop OTFS modulation with flexible numerology.
- Study the performance of OTFS in the presence of interferences.
- Develop and demonstrate of OTFS on USRP hardware.
- Document research outcome to publish at international conference / journal.
- Write the report for the project progress.
- Work with the research assistant for the prototype.

### Job Requirements:

- PhD in Electrical and Electronic Engineering, Computer Engineering or related field.
- Expertise in wireless communications.
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Experiences in OTFS is highly preferred.

- Good publication track record is preferred.

Candidates with strong publication records in relevant areas are encouraged to apply. Review of applications will continue until the position is filled.

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**

Singapore