

Research Fellow (Control Theory, Robotics and  
Autonomous Systems)  
Nanyang Technological University

Direct Link: <https://www.AcademicKeys.com/r?job=237092>

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Posted Jun. 5, 2024, set to expire May 6, 2025

<b>Job Title</b>	Research Fellow (Control Theory, Robotics and Autonomous Systems)
<b>Department</b>	School of Electrical and Electronic Engineering
<b>Institution</b>	Nanyang Technological University Singapore, , Singapore
<b>Date Posted</b>	Jun. 5, 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>	Robotics Mechanical Engineering Electrical and/or Electronics
<b>Job Website</b>	<a href="https://ntu.wd3.myworkdayjobs.com/en-US/Careers/job/Research-Fellow--Control-Theory--Robotics-and-Autonomous-Systems-_R00017444">https://ntu.wd3.myworkdayjobs.com/en-US/Careers/job/Research-Fellow--Control-Theory--Robotics-and-Autonomous-Systems-_R00017444</a>
<b>Apply Online Here</b>	<a href="https://ntu.wd3.myworkdayjobs.com/en-US/Careers/job/Research-Fellow--Control-Theory--Robotics-and-Autonomous-Systems-_R00017444">https://ntu.wd3.myworkdayjobs.com/en-US/Careers/job/Research-Fellow--Control-Theory--Robotics-and-Autonomous-Systems-_R00017444</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

The School of Electrical and Electronic Engineering (EEE) is inviting applications for the position of Research Fellow

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The Research Fellow will work on a project to conduct the research on development of distributed security control algorithms for complex and nonlinear cyber-physical systems.

**Key Responsibilities:**

- Conduct advanced research in the field of automatic control and security control of nonlinear cyber-physical systems.
- Develop and implement novel control strategies for nonlinear cyber-physical systems.
- Publish research findings in high-impact journals and present at leading conferences.
- Contribute to the preparation of research proposals and project reports.

**Job Requirements:**

- PhD in Mechanical and Automation Engineering, Electrical and Electronic Engineering, or a closely related field.
- Strong expertise in automatic control and nonlinear systems control.
- A high level of self-motivation and the ability to take initiative independently.
- A strong publication track record in relevant fields is advantageous.
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Strong communication and interpersonal skills.

- Proficiency in basics of programming languages such as C, C++ and Python.
- Proficiency in English.

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