

Several PhD positions are available in National Cheng Kung University, Tainan, Taiwan

Topics: AI-Driven and AI-Based Mobile Robotics

Several PhD positions are available at the Networked Robotic Systems Laboratory (NRSL) at National Cheng Kung University (NCKU), Tainan, Taiwan. We are looking for highly motivated candidates with backgrounds in artificial intelligence, robotics, automatic control, and mechatronics. Applicants with relevant expertise will be given special consideration.

Successful candidates will receive a competitive scholarship and research assistantship, which includes a tuition waiver and a stipend. The funding is awarded on a yearly basis and can be renewed automatically based on satisfactory academic and research performance.

PhD students will have the opportunity to participate in our well-established AI-driven mobile robotics research, contributing to areas such as human-robot interaction, field robotics, mobile manipulation, and mobile robot networks. This position offers an excellent opportunity to work on cutting-edge robotics research in a dynamic and collaborative environment.

Required qualifications:

- Relevant degree in Robotics, Control, Electrical Engineering, Computer Engineering, Mechanical Engineering, Mechatronics Engineering, or Computer Science.
- Strong background in artificial intelligence, control systems, and robotics,
- Strong programming skills in C/C++, MATLAB, Python, or other relevant languages,
- Knowledge of ROS/ROS2,
- Background in hardware/software integration for robotic systems.
- Proficient oral and written skills in English.

To apply, contact Prof. Liu (yliu@mail.ncku.edu.tw) with a single PDF file including:

- Cover Letter describing background, experience, motivation, and publication,
- CV including 3 references, and
- Transcripts and diplomas of the applicant's bachelor and/or master studies.

Closing date for applications: **February 28, 2025** or until all positions are filled

Starting date: **August 1, 2025**

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