PhD Positions in AI Robotics at NRSL, NCKU, Taiwan (2027 Fall)

Several PhD positions are available for Fall 2027 at the **Networked Robotic Systems Laboratory (NRSL)** at National Cheng Kung University (NCKU), located in the vibrant city of Tainan, Taiwan. We are seeking highly motivated and creative PhD candidates to join our research team in cutting-edge projects related to AI-driven robotics, including:

- **Vision-Language-Action (VLA) models and Embodied AI** - semantic understanding and interaction
- **Generative AI for robot planning, control, and human-robot interaction**
- **Socially Aware Robotics and HRI** - social navigation and AI-driven social robotics
- **Mobile manipulation and field robotics** - autonomous navigation in dynamic, complex environments
- **Legged locomotion, bipedal humanoid control, and multi-robot coordination control**

The NRSL lab offers an interdisciplinary and international research environment with strong links to global academia and industry leaders. Students will work on funded high-impact projects and have access to state-of-the-art robotic platforms, including advanced ROS2 mobile manipulators, quadruped and legged systems, and high-performance GPU computing resources.

Funding and Benefits

- Competitive financial support through scholarships and research assistantships
- Tuition waiver opportunities, subject to scholarship eligibility
- Support for international conference participation and research collaboration
- Access to advanced robotic platforms, NVIDIA computing resources, ROS 2, and Isaac Sim
- Opportunities to participate in international collaborative research projects

Qualifications

- Robotics, Artificial Intelligence, Control Systems, Mechatronics, or related engineering fields
- Experience with ROS 2, PyTorch, Isaac Sim, or related frameworks
- Research experience in robot learning, navigation, HRI, or multi-robot systems
- Prior research experience, publications, or demonstrated robotic projects are highly desirable.
- Knowledge in machine learning, reinforcement learning, or multimodal perception
- Excellent English communication skills (written and spoken)

How to Apply

- Please email **Prof. Yen-Chen Liu** (yliu@mail.ncku.edu.tw) with a brief self-introduction, your CV, and links to any relevant projects, code repositories, or publications.
- Shortlisted candidates will be invited for an online interview. Successful candidates will receive full guidance and support for the university's official application and scholarship procedures.
- Applications are reviewed on a rolling basis until all positions are filled.

Come join us to shape the future of AI-powered robotics!

國立成功大學 National Cheng Kung University

NRSL NETWORKED ROBOTIC SYSTEMS LABORATORY