

Call for Participation

Czechia - France - Canada - Australia - Taiwan - Workshop on Intelligent Robotics

Date: 2nd - 3rd December 2023

National Taiwan Normal University, Taipei, Taiwan

Organizers:

Jan Faigl, Czech Technical University, Czechia

Meng Cheng Lau, Laurentian University, Canada

Olivier Ly, University de Bordeaux, France

Thomas Braunl, University of Western Australia, Australia

Jacky Baltes, National Taiwan Normal University, Taiwan

Introduction

Intelligent robotics is a fast-developing area that includes many different areas: perception, computer vision, artificial intelligence, motion planning, machine learning, and intelligent control.

The Czechia - France - Canada - Australia - Taiwan workshop on intelligent robotics allows (under-)graduate students, researchers, and industrial practitioners to gain experience in the theory and practice of intelligent robots. It is a platform for researchers to present novel and preliminary research results in an informal setting.

Venue:

The Czechia - France - Canada - Australia - Taiwan workshop on intelligent robotics will be held in the Educational Robotics Center at the National Taiwan Normal University in Taipei, Taiwan. The ERC has several small and large humanoid robots that you can work with.

Taipei is a bustling metropolis and the capital of Taiwan, a young and energetic democracy in Asia. Taipei is a modern city with ancient charm. You can view the city from the observation deck of Taipei 101, the 3rd largest building in the world, in the morning, visit traditional temples in the afternoon, and enjoy great food in one of the many night markets that serve traditional Taiwanese delicacies..

The workshop program consists of theoretical sessions in the morning and practical sessions in the afternoon.

	Saturday, 2nd Dec. 2023	Sunday, 3rd Dec. 2023	Monday, 4th Dec. 2023
9:00 - 10:00	Prof. Thomas Braunl UWA, Perth Autonomous Driving	Prof. Saeed Saeedvand NTNU, Taipei Deep Reinforcement Learning in Robotics	Closing Ceremony 9:30 - 10:00
10:00 - 12:00	Prof. Kuo-Yang Tu NKUST, Kaohsiung Robot Competitions	Prof. Meng Cheng Lau Laurentian Uni, Sudbury Robots making music	Travel to Tao Yuan Airport Travel to Kaohsiung?
14:00 - 15:00	What am I working on? Student Presentations	What am I working on? Student Presentations	
16:00 - 17:00	Prof. Olivier Ly Uni. de Bordeaux, Bordeaux Humanoid Robotics	Prof. Jan Faigl CVUT, Prague Recent Research Advances	
18:00 - 21:00	Social Program	Social Program	

Participation

The workshop will be presented in person, but video streams of the lectures and the “What am I working on?” sessions will be streamed online.

Students, researchers, and industrial practitioners are encouraged to share their latest research interests and results in 30 min presentations during the “What am I working on?” sessions. Feedback during these sessions have proven to be extremely useful to crystalize ideas, provide additional research directions, improve presentation, and grow networks for future collaboration.

Interested parties should submit a 1-2 page abstract of their presentation to jacky.baltes@ntnu.edu.tw. The deadline for submissions to the “What am I working on?” session is 24th November 2023.

Registration

To register for the workshop, please fill out the following form:
<https://forms.gle/JY6N2Tw6DuN3RNRc9>.

Only a limited number of registrations can be accepted. Registrations will be evaluated on a first come, first served basis.