





Institute for Anthropomatics



KIT



# interACT: research competence world wide



Director Prof. Alan Mackay, email: [amackay@uts.edu.au](mailto:amackay@uts.edu.au)  
Executive Institute of Technology (EIT), interACT, email: [interact@uts.edu.au](mailto:interact@uts.edu.au)



A man with glasses and a beard, wearing a dark suit, white shirt, and dark tie, is speaking at a podium. The podium features a white sign with the KIT logo, which consists of a blue fan-like graphic to the left of the letters 'KIT' in a bold, brown font. The background includes a blue curtain and a decorative arrangement of yellow and orange branches. The foreground shows the blurred backs of several audience members.

**KIT**

# Introduction of NICT

Yuichi Matsushima

National Institute of  
Information & Communications Technology  
Japan

*NICT*



The logo for KIT (Korea Institute of Technology) is displayed on a white sign. It features a stylized graphic of five blue and green curved lines on the left, followed by the letters "KIT" in a bold, brown, sans-serif font.



























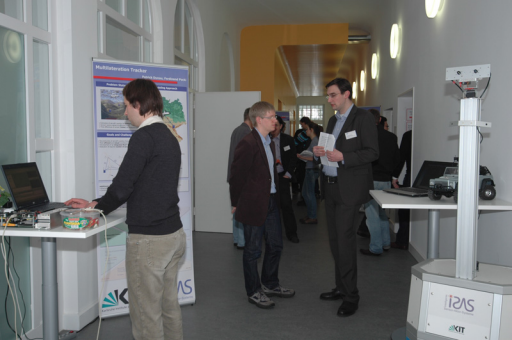
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iRAS  
Innovative Robotics and Automation Systems



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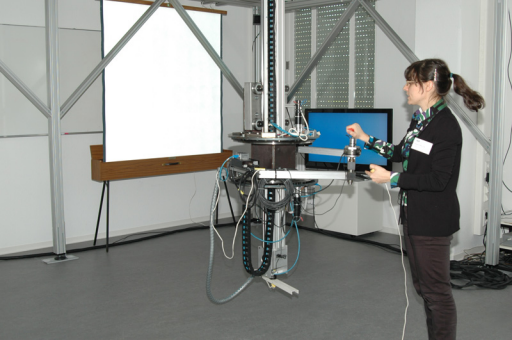




























### Multicobot Tractor

From Design, Building to Use

Problem Statement	Proposed Solution
 The tractor is designed to be used in rural areas where the terrain is uneven and the roads are narrow. It is designed to be used in areas where the terrain is uneven and the roads are narrow.	 The tractor is designed to be used in rural areas where the terrain is uneven and the roads are narrow. It is designed to be used in areas where the terrain is uneven and the roads are narrow.

**Key Features**

- Self-driving tractor
- Multi-robot system
- Scalable architecture
- Open source software

**Hardware Components**

- ROS (Robot Operating System)
- Gazebo (Simulation Environment)
- Intel RealSense (Depth Camera)
- Intel i7 (Processor)
- Intel NUC (Computer Case)
- Intel NUC (Computer Case)

**Software Components**

- ROS (Robot Operating System)
- Gazebo (Simulation Environment)
- Intel RealSense (Depth Camera)
- Intel i7 (Processor)
- Intel NUC (Computer Case)
- Intel NUC (Computer Case)



**KIT** **i2AS**







