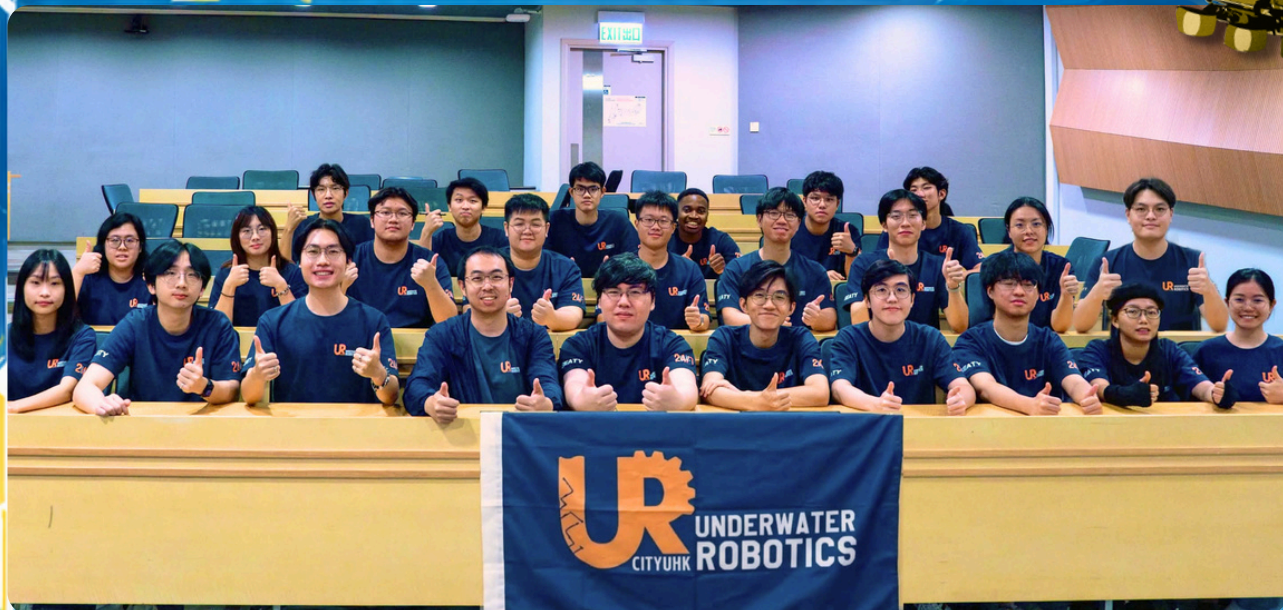


SEATY

TEAM SPEC SHEET

CITYUHK UNDERWATER ROBOTICS



ABOUT OUR TEAM



Originally founded in 2005
Re-established in 2017



A student-led team from
City University of Hong Kong
ROV • AUV • STEM Education



Design | Build | Compete | Inspire
Develop underwater robotic systems
and nurture future engineers through
hands-on learning and competitions.

THUNDERBOLT / ROV



Dimensions
(L x W x H) 65cm x 65cm x 36cm



Weight 18.7kg

SPECIAL FEATURES

- 3-DoF Gripper
- Depth hold 6-DoF
- Adjustable gripper force
- Neutral buoyant tether
- Dynamic brightness lighting
- Modular Mechanical & Electronic Structure

PROTEUS / AUV



Dimensions
(L x W x H) 70cm x 60cm x 47cm



Weight 20.0kg

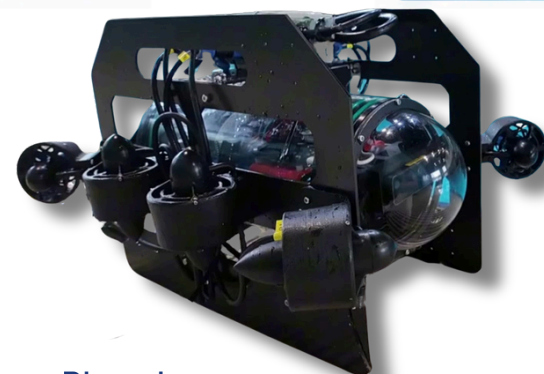


Endurance 1.5 hours

SPECIAL FEATURES

- 8-Thruster 6-DoF Propulsion
- AI-Powered Object Detection
- Autonomous Navigation & Control
- 3D Spatial AI Perception
- Modular Mechanical & Electronic Structure
- Dual-Simulation ROS2 Architecture

HIEROPHANT / AUV



Dimensions
(L x W x H) 55cm x 40cm x 40cm



Weight 13.5kg



Endurance 1.5 hours

SPECIAL FEATURES

- 8-Thruster 6-DoF Propulsion
- AI-Powered Object Detection
- Dual-Mode AUV/ROV Operation
- ROS2 Autonomous Control System
- Modular Backplane & Slot-Card Structure
- Hydrodynamic Thruster Guard Design

THE TEAM



Admin

Wong Tsz Hong	Team Captain
Kwok Tung Yan, Joyce	First Officer
Poan Tsz Kiu	Team Secretary
Lui Cheuk Lam	PR Subteam Lead
Chan Chun Ho	EE Subteam Lead
Wong Man Ue	ME Subteam Lead
Leona Jun Xian Ma	SE Subteam Lead
Lee Hon Lek	Financial Officer



Supervisors

Prof. Cheung Chak Chung Ray
Prof. Kang Wen Bin Kelvin
Prof. Ho Ching Pang Clint



Mechanical Engineers

Chan Hiu Ying
Joe Anthony Kar Tong
SUSILO Gracia Catalina
Yeung Hiu Ki Ryhanna
Zhang Yau Ka
Helena Gabrielle Susilo
So Chi Hong
Cheung Pui Lam



Software Engineers

HUANG On Sang
Luk Ka Wai
Pun Ming Ho
KAPYA Zachariah Muya
Ng Tsz Ho
Tsang Hoi Fung



Electrical Engineers

Ngan Fu Yin Cedric
YANG Tsz Ho Steven
Chan Kwun Wa
Kwok Shing Tung
Lee Ka Fai
Li Yu Sum
Mok Kit Long
Tse Ka Ho
JIN Zichen



Mentors

Guo Run Zhou
Wei Zhi Rui
Xu Jia Hao



ACHIEVEMENTS

- 2026** 2nd Place
AI Group, JAMSTEC Japan Competition
- 7th Place**
MATE ROV World Championship
- 2025** 2nd Grade Prize
China International Marine Underwater
Robot Competition
- 2024** 3rd Place
MATE ROV World Championship
IEEE OES Engineering Quality Award
Singapore AUV Challenge
- 2023** 4th Place
MATE ROV World Championship
- 2019** 5th Place
MATE ROV World Championship
Most Innovative Engineering Award
Singapore AUV Challenge

FOLLOW OUR JOURNEY



@CITYUUR

City University of Hong Kong Underwater Robotics



香港城市大學
City University of Hong Kong



香港城市大學 (東莞)
City University of Hong Kong
(Dongguan)



APPS LAB
香港城市大學
City University of Hong Kong



HONG KONG