



Press Release

For Immediate Release

HKSTP Crowns Champion The Chinese University of Hong Kong at Robocon 2024 AI-Enhanced Rules Marked the Most Challenging Competition in History

- Robocon 2024 attracted over 200 students from eight local tertiary institutions.
- The new rules enhanced the artificial intelligence components by integrating computer vision technology, challenging the coordination and strategy capabilities between the robots.
- The winning team, 'Wonder Seed' from The Chinese University of Hong Kong will represent Hong Kong at the ABU Robocon 2024, continuing the outstanding international performance of Hong Kong teams and striving for further success.

(Hong Kong, 23 June 2024) — Hong Kong Science and Technology Parks Corporation (HKSTP) successfully hosted Robocon 2024, drawing over 200 students from eight local tertiary institutions. As AI becomes a key driver of diversified economy, this year's competition emphasised enhancing AI elements, making it the most difficult one in history by challenging the coordination and strategy capabilities between the robots.

The competition, themed "Harvest Day," draws inspiration from the cultivation of terraced fields in Vietnam. Participating teams must design and manufacture both manually operated and fully automated robots, and, according to the rules, integrate machine learning models and computer vision technology to equip the automatic robot with 'smart recognition' capabilities that can automatically detect 'rice' within the competition area and harvest it to earn higher scores.

Mr Albert Wong, CEO of HKSTP, said, "Each year, the Robocon competition gathers passionate and skilled interdisciplinary talents. It serves not only as a platform to showcase their abilities but also as a nursery for cultivating and discovering exceptional talent for the I&T industry. This year, in line with AI trends, we are creating a more challenging competition environment for the students. We hope this will enable them to experience the powerful application of technology in real-world scenarios through both learning and practice. HKSTP will continue to work closely with local educational institutions and the industry to nurture outstanding talents and enhance the development of innovative technologies, injecting new energy into the I&T sector."

After several intense rounds of competition, the team 'Wonder Seed' from The Chinese University of Hong Kong emerged victorious and will represent Hong Kong at the Asia-Pacific Broadcasting Union (ABU) Robocon 2024 in Quang Ninh, Vietnam this August, aiming for further success on the international stage. Hong Kong teams have historically performed exceptionally well at this event,



having won the championship in both 2019 and 2022. These successes have brought honour and bolstered the city’s prominence in the field.

Robocon 2024 Hong Kong Contest — Winning Teams (For the complete list of winners, see Appendix)

Awards	Institutions	Teams
Champion	The Chinese University of Hong Kong	Wonder Seed
1st Runner-up	The Chinese University of Hong Kong	Golden Farmer
2nd Runner-up	The Hong Kong University of Science and Technology	War Dragon



Photo 1: HKSTP hosted the annual Robocon 2024, with the champion, 1st runner-up, and 2nd Runner-up awards going respectively to teams from “The Chinese University of Hong Kong - Wonder Seed”, “The Chinese University of Hong Kong - Golden Farmer”, and “The Hong Kong University of Science and Technology - War Dragon”. The awards were presented by Mr Tony Wong, Government Chief Information Officer, and Dr Crystal Fok, Head of Digital Service Hub of HKSTP, to the winning teams.





Photo 2-3: Robocon 2024 introduced individual awards this year, featuring one for Best Presenter and fourteen for Key Influencer.

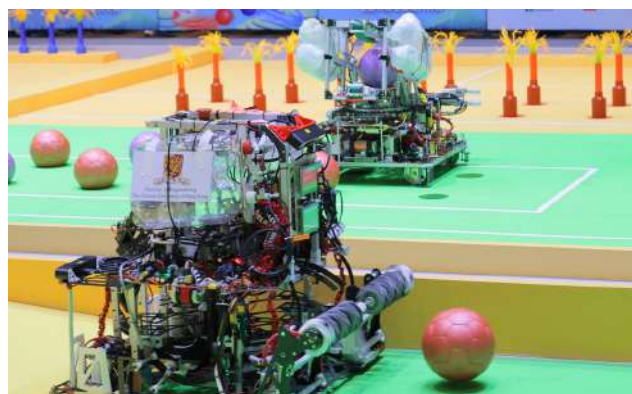


Photo 4-7: Robocon 2024 closely aligns with artificial intelligence trends by mandating the incorporation of computer vision technology. This allows fully automated robots to detect 'rice' within the competition area and complete the task of harvesting it.

Click this [link](#) to download high-resolution images.

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About Hong Kong Science and Technology Parks Corporation

Hong Kong Science and Technology Parks Corporation (HKSTP) was established in 2001 to create a thriving I&T ecosystem grooming 12 unicorns, more than 14,000 research professionals and over 1,800 technology companies from 28 countries and regions focused on developing healthtech, AI and robotics, fintech and smart city technologies, etc.

Our growing innovation ecosystem offers comprehensive support to attract and nurture talent, accelerate and commercialise innovation for technology ventures, with the I&T journey built around our key locations of Hong Kong Science Park in Pak Shek Kok, InnoCentre in Kowloon Tong and three modern InnoParks in Tai Po, Tseung Kwan O and Yuen Long realising a vision of new industrialisation for Hong Kong, where sectors including advanced manufacturing, micro-electronics and biotechnology are being reimagined.

Hong Kong Science Park Shenzhen Branch in Futian, Shenzhen plays positive roles in connecting the world and the mainland with our proximity, strengthening cross-border exchange to bring advantages in attracting global talent and allowing possibilities for the development of technology companies in seven key areas: Medtech, big data and AI, robotics, new materials, microelectronics, fintech and sustainability, with both dry and wet laboratories, co-working space, conference and exhibition facilities, and more.

Through our R&D infrastructure, startup support and enterprise services, commercialisation and investment expertise, partnership networks and talent traction, HKSTP continues contribute in establishing I&T as a pillar of growth for Hong Kong.

More information about HKSTP is available at www.hkstp.org.

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Appendix: List of Winners

Robocon 2024 Hong Kong Contest — Winning Teams

Awards	Institutions	Teams
Champion	The Chinese University of Hong Kong	Wonder Seed
1st Runner-up	The Chinese University of Hong Kong	Golden Farmer
2nd Runner-up	The Hong Kong University of Science and Technology	War Dragon
Best Engineering Award	The Hong Kong University of Science and Technology	Fiery Dragon
Best Performance Award	The Chinese University of Hong Kong	Golden Farmer
Best Team Spirit Award	The Hong Kong University of Science and Technology	War Dragon
Best Institute Entity Award	The Hong Kong University of Science and Technology	Fiery Dragon
Innovative Strategy Award	The Hong Kong University of Science and Technology	Fiery Dragon
Most Passionate Cheerleaders Award	The Education University of Hong Kong	Architeacher

Robocon 2024 Hong Kong Contest — Individual awards

Awards	Institutions and Teams	Awardees
Best Presenter Award	The Chinese University of Hong Kong – Wonder Seed	Leung Wing Hei
Key Influencer	City University of Hong Kong – DreamDevelopment	Leung Ho Ching
	City University of Hong Kong – DreamWalk	Cheuk Pamela
	Hong Kong Institute of Vocational Education – Adversity Saga	Law Wing Lam
	Hong Kong Institute of Vocational Education – Autobots Fighter	Leung King Way
	Lingnan University – Team 1	Lu Jiawei
	The Chinese University of Hong Kong – Golden Farmer	Lee Pak Ho
	The Chinese University of Hong Kong – Wonder Seed	Chan Cody
	The Education University of Hong Kong – Architeacher	Siu Chun Ping
	The Hong Kong Polytechnic University – Crimson	Tse Yiu Hang
	The Hong Kong Polytechnic University – PolyBotics	Yiu Chung Ki
	The Hong Kong University of Science and Technology – Fiery Dragon	Shek Ching Yee
	The Hong Kong University of Science and Technology – War Dragon	Lo Man Cheuk
	The University of Hong Kong – Sapientia	Suen Yik Yu
The University of Hong Kong – Virtus	Chan Hui Yuen	