



Press Release – For Immediate Release

To: Assignment Editor/Editor of Education, Local, and Technology News Sections

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HSUHK scholars win Gold Medal with Jury Congratulations at International Exhibition of Inventions Geneva with Hong Kong’s first real-time smart warehouse system integrating AI, drones, and AR

The Hang Seng University of Hong Kong (HSUHK)’s School of Decision Sciences and Chef Digital Limited have developed “WarehouseGenie”, Hong Kong’s first real-time smart warehouse system integrating artificial intelligence (AI), drones, and augmented reality (AR). The innovation won the Gold Medal with Jury Congratulations at the International Exhibition of Inventions Geneva 2026 on 14 March. The system leverages advanced technologies—including generative AI (GenAI), drones, AR, and the Internet of Things (IoT)—to address key challenges in the warehousing sector, such as high staff turnover, complex standard operating procedures, and rising demands for safety and accuracy.

WarehouseGenie’s platform operates in dual-modes—operational and training—seamlessly linking real-time data with virtual overlays to create an AI-assisted, smart working environment. In operations mode, frontline workers receive instant, step-by-step guidance through AR smart glasses for safe and precise task execution. Simultaneously, drones provide live monitoring, while IoT sensors track key metrics, such as workers’ movement paths, picking times, error rates, and safety incidents. The AI engine analyses both real-time and historical data, benchmarking performance against industry standards and internal records. These insights empower management to identify bottlenecks, implement targeted improvements, lower turnover, and boost overall productivity.

In training mode, WarehouseGenie recreates high-pressure scenarios like “Black Friday” peak-season operations, enabling new hires to engage in hands-on practice guided by AR instructions and to receive immediate performance feedback. This immersive approach is projected to reduce traditional training time by up to 40%, enabling faster onboarding, better skill acquisition, and improved workplace safety.

Project leader Dr George Ho, Associate Professor in the Department of Supply Chain and Information Management, stated, “WarehouseGenie transforms traditional labour-intensive warehouses into intelligent, AI-driven collaborative ecosystems. By leveraging cutting-edge technologies, it allows new employees to quickly master essential skills, while significantly



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enhancing productivity, workflow efficiency, and occupational safety. The system also paves the way for sustainable business models and new opportunities in the retail and logistics sectors.”

The project have received approximately HK\$1 million in funding from the Research Matching Grant Scheme of the University Grants Committee.

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Photo:



Photo 1: WarehouseGenie wins the Gold Medal with Jury Congratulations at the International Exhibition of Inventions Geneva 2026.



Photo 2: Dr George Ho explains how WarehouseGenie enhances work productivity and creates sustainable business models and new opportunities across retail and logistics sectors.

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About The Hang Seng University of Hong Kong

The Hang Seng University of Hong Kong (HSUHK) is a non-profit private liberal-arts-oriented university with six Schools (Business, Communication, Decision Sciences, Humanities and Social Science, Translation and Foreign Languages, and Transdisciplinary Studies), and over 7,000 full-time undergraduate and postgraduate students. With its unique “Liberal + Professional” education model, HSUHK nurtures young talent with critical thinking, innovative minds, caring attitudes, moral values and social responsibility.

Aspiring to be a leading private university in the region, HSUHK prioritises stellar undergraduate education, top-quality faculty members, award-winning green campus facilities, innovative degree programmes, a unique residential college system that combines living and learning, interactive small-class teaching, close student-teacher relationships, impactful research, and excellent student development and support services.

HSUHK has earned various international recognitions. In the AppliedHE’s ALL ASIA Private University Ranking 2026, it secured 7th place in China. HSUHK ranked 22nd in Social Sciences and Humanities and 33rd in Economics and Finance among China’s top universities in the Research.com Top Universities and Top Scientists Rankings 2025. The MSc in Global Supply Chain Management programme achieved 84th place globally in the QS International Trade Rankings 2025. Additionally, HSUHK’s School of Business obtained AACSB International accreditation in 2023, a mark of excellence held by only 6% of the world’s leading business schools. HSUHK was also ranked among the top 200 worldwide on “Quality Education” and “Decent Work and Economic Growth” in the Times Higher Education University Impact Rankings 2021.