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Press Release

For Immediate Release

HKSTP Officially Launched “HKSTP x AWS DeepRacer” Leveraging Cloud-Based AI Learning Tool to Jointly Foster Digital Talent

- HKSTP announces the official launch of the "HKSTP x AWS DeepRacer". This initiative incorporates a racing competition as a learning infrastructure within Science Park.
- The AWS DeepRacer, an artificial intelligence (AI) learning tool, aims to propel the development of AI and machine learning (ML) in a fun and competitive environment. This initiative will bolster the cultivation of digital talent and foster an environment that is conducive to innovation in Hong Kong.
- HKSTP is dedicated to enhancing the Innovation & Technology (I&T) ecosystem, focusing on nurturing competitive and strategically significant tech sectors in Hong Kong, including AI and data science.

(Hong Kong, 30 November 2023) Hong Kong Science and Technology Parks Corporation (HKSTP) announced the official launch of "HKSTP x AWS DeepRacer". This initiative incorporates a racing competition as a learning infrastructure within Science Park. The competition is designed to fuel the advancement of artificial intelligence (AI) and machine learning (ML), cultivate an innovation and creative culture, and bolster the Innovation and Technology (I&T) ecosystem in Hong Kong.

Alongside the launch ceremony, "HKSTP x AWS DeepRacer" will host seasonal competitions, with registration currently underway. The inaugural competition is scheduled for 19 January 2024. The event encourages participation from individuals across all backgrounds, irrespective of their proficiency in Information Technology. To prepare participants, HKSTP and AWS will facilitate workshops and training sessions to equip teams with foundational ML knowledge that will also serve to enhance the effectiveness of reinforcement learning (RL) for the racing competitions.

HKSTP is committed to bolstering the I&T ecosystem, championing competitive and strategically significant tech sectors in Hong Kong, including AI and data science. This aligns with the vision set out in Hong Kong's I&T Development Blueprint, thereby infusing new vitality into the local economy and reinforcing Hong Kong's status as an international I&T hub.

Details:

"HKSTP x AWS DeepRacer"

Q1 Race Day: 19 January 2024

Time: 12:00 noon to 2:00pm

Venue: Atrium Link, Hong Kong Science Park

Registration: Now open until 8 December 2023



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Learn about registration and training information: <https://stp.hk/3QHjgli> (Individual)

In addition, HKSTP welcomes startups, enterprises, schools and other organisations to host DeepRacer events at Science Park to jointly promote AI and nurture digital talents.

Interested parties can find out more at: <https://stp.hk/47Jy75z> (Organisation)



Photo 1 to 3:

The "HKSTP x AWS DeepRacer" is a cloud-centric autonomous racing competition, where participating teams utilise a 3D racing simulator for training and testing. Through iterative AI and ML analyses, teams optimise the autonomous driving mechanisms for their 1:18 scale DeepRacer model cars. The best driving models are then used in competitive races.

Photo 1 (from left): Mr Eric Or, HKSTP's Head of Partnerships; Mr Derek Chim, HKSTP's Head of Incubation and Acceleration Programmes, Mr Chester Hsieh, AWS Head of Strategic Programs, Hong Kong & Taiwan; and Mr Chris So, Head of Business Development, Hong Kong Amazon Web Services (AWS), jointly officiate the launch ceremony for "HKSTP x AWS DeepRacer", marking the commencement of the competitions.



Photo 4: Mr Derek Chim, HKSTP's Head of Incubation and Acceleration Programmes, expresses his enthusiasm at the launch ceremony for the collaboration with AWS. He highlights the use of AWS's unique AI and machine learning tool—AWS DeepRacer—and the engaging racing competitions, as a means to provide participants with a hands-on experience of endless possibilities, jointly fostering AI development and digital talent cultivation.



Photo 5: Mr Chris So, Head of Business Development, Hong Kong Amazon Web Services (AWS), expresses his excitement in collaborating once again with HKSTP. He expresses hope that the engaging approach will enable participants, even those without a tech background, to better understand AI, ML, and various innovative technologies, thereby cultivating more tech talent and spurring the development of I&T in Hong Kong.



Photo 6: "HKSTP x AWS DeepRacer" kicked off with an exhilarating demonstrating race, offering audiences an exciting sneak peek of the competitive atmosphere to be expected in the upcoming contests.

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About Hong Kong Science and Technology Parks Corporation

Hong Kong Science and Technology Parks Corporation (HKSTP) was established in 2001 with a mission to position Hong Kong as an international innovation and technology (I&T) hub. HKSTP has created a thriving I&T ecosystem supporting over 10 unicorns with more than 13,000 research professionals and over 1,500 technology companies from 24 countries and regions focused on healthtech, AI and robotics, fintech and smart city technologies.

We offer comprehensive support to attract and nurture talent, accelerate and commercialise innovation for technology ventures on their I&T journey. Our growing innovation ecosystem is built around our key locations of Hong Kong Science Park in Shatin, InnoCentre in Kowloon Tong and three



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modern InnoParks in Tai Po, Tseung Kwan O and Yuen Long. The three InnoParks are realising a vision of new industrialisation for Hong Kong, where sectors including advanced manufacturing, micro-electronics and biotechnology are being reimagined for a new generation of industry.

To support Hong Kong's future development and its growing demands of the I&T industry, HKSTP is actively connecting the city with Shenzhen. This aims to strengthen cross-border exchange, attract technology companies as well as talent from around the world, helping them go global by exploring the mainland China and overseas markets.

Hong Kong Science Park Shenzhen Branch in Futian, Shenzhen, opened in September this year with a gross floor area of 31,000 square meters. The two buildings provide both dry and wet laboratories, co-working areas, conference and exhibition spaces, and more. We will focus on attracting enterprises in seven key areas: Medtech, big data and AI, robotics, new materials, microelectronics, fintech and sustainability.

Through our infrastructure, services, expertise, and network of partnerships, HKSTP will help establish I&T as a pillar of growth for Hong Kong, while reinforcing the city's international I&T hub status as a launchpad for growth at the heart of the GBA innovation powerhouse.

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

Media Contact:

Hong Kong Science and Technology Parks Corporation

Angela Lau

Tel: +852 2629 6633

Email: angela.lau@hkstp.org

Edelman Public Relations

Chase Xu

Tel: +852 2837 4718 / 60109246

Email: Chase.xu@edelman.com/

Edelmanhkstppr@edelman.com