



## **Press Release**

### **For Immediate Release**

#### **Hong Kong Computer Society Leads Hong Kong ICT Delegation to Victory – Biggest Winner in Asia Pacific ICT Awards 2017 (APICTA) with 4 Winners and 5 Merits**

**12 November 2017, Hong Kong** – The Hong Kong ICT delegation emerged triumphant again in the Asia Pacific Information and Communication Technology Awards 2017 (APICTA 2017) held in Bangladesh. After fierce competition amongst 173 entries, Hong Kong proudly received 9 awards including 4 Winners and 5 Merits, making it the biggest winner in this international awards competition.

Nominated by the Hong Kong Computer Society (HKCS), Executive Committee Member of APICTA, the Hong Kong delegation comprised 12 local ICT award winners including recipients of the Hong Kong ICT Awards, Hong Kong Awards for Industries, and Final Year IT Projects for the China Pan-Pearl River Delta Region University IT Project Competition. Led by Ir. Allen Yeung Tak-bun, Honorary Head of the Hong Kong delegation cum Government Chief Information Officer; Ir. Stephen Lau, JP, Secretary General (Honorary) of HKCS; and a group of Hong Kong judges, Hong Kong's triumph once again reaffirmed its standing as a major ICT force to be reckoned with in the Asia Pacific region.

Ir. Ted Suen, President of HKCS, said, “The APICTA judging panel features respected industry experts around the region with six from Hong Kong, namely Mrs. Agnes Mak, Ir. Stephen Lau, Mr. Leonard Chan, Mr. Johnson Cheng, Prof. Jimmy Lee and Ms. Christine Yau. The 12 Hong Kong nominees come from local enterprises, NGOs and educational institutions; among them, NGOs and education institutions have received subsidies from the Office of the Government Chief Information Officer (OGCIO) to participate in the awards. The Hong Kong Trade Development Council also sponsors a “Hong Kong Reception” networking event for all the delegates, local officials and industry experts during the awards each year, providing an international platform for Hong Kong to showcase its entries. Support from the Hong Kong SAR Government is really critical when it comes to participating in international competitions.”

Ted also remarked, “APICTA, hailed as the Oscars of the ICT industry, was held with great success from 7 to 10 December, 2017 in Bangladesh. I am really delighted that Hong Kong can continue to shine on the APICTA stage, and I convey my warmest congratulations to all of the award winners on behalf of HKCS. Our delegates had to face tough competition vis-à-vis 16 other countries and

territories and meet highly demanding judging criteria. Even Merit recipients must attain 95% or more of the Winners’ score to receive the Merit award, so I must say all of the winners are very well-deserved.”

Ted continued, “APICTA serves to promote ICT awareness and stimulate technological innovation in the Asia Pacific region. HKCS has been an Executive Committee Member of this high-profile annual industry event and Hong Kong as one of the member economies since 2001. As the largest and longest-standing IT professional body in Hong Kong with an in-depth understanding of local ICT industry development, HKCS conducts the nominations and co-ordinates the Hong Kong delegation for the awards. The Society also invites different industry experts to provide mentorship to the nominees, so as to best showcase Hong Kong’s technological edge to the judges.”

**Hong Kong Winners and Merit Recipients in APICTA 2017\*:**

Award	Winning Organisation	Product Name	Category
Winner	GoAnimate Hong Kong Limited	GoAnimate	Application Tools and Platforms
Winner	Hong Kong Applied Science and Technology Research Institute (ASTRI)	LTE Metro: TD-LTE based Communication-based Train Control (CBTC) for subway	Communication
Winner	Electronic Health Record Office of Food and Health Bureau, The Government of the Hong Kong Special Administrative Region / Hospital Authority	Electronic Health Record Sharing System (eHRSS)	Government & Public Sector
Winner	The University of Hong Kong	HapHand: Sensor Controlled Robotic Hand with Haptic Feedback	Tertiary Student Project
Merit	Playnote Limited	Scalebook	e-Learning
Merit	Pak Kau College	iKidney – A Home-health Monitoring Platform for Detection and Monitoring of Kidney Disease	School Project
Merit	Salesian School	Loving You Angel	School Project
Merit	Hong Kong Applied Science and Technology Research Institute (ASTRI)	ASTRI’s Smart Water IoT System	Industry Application
Merit	The Hong Kong Society for the Aged	Home Help Services Management System	Inclusion and Community

\*See Appendix 1 for more details about the winning products

APICTA 2017 attracted contestants from Australia, Bangladesh, Brunei, China, Indonesia, Japan, Macao, Malaysia, Myanmar, Pakistan, Singapore, Sri Lanka, Thailand, Vietnam, Chinese Taipei and Hong Kong. These member economies take turns hosting the annual awards, and the next awards will be hosted by China in Guangzhou.

Ted explained that with delegates coming from so many different countries and territories across the Asia Pacific, APICTA will continue to provide valuable networking and learning opportunities for delegates and facilitate collaboration to advance ICT development in their respective communities. Members in the judging panel are appointed from the member economies to ensure a fair and impartial selection process and enhance the credibility of the results.



Photo caption:

The Hong Kong delegation in APICTA 2017 was led by Ir. Allen Yeung Tak-bun, Honorary Head of the Hong Kong delegation cum Government Chief Information Officer; Ir. Stephen Lau, JP, Secretary General (Honorary) of HKCS; and Hong Kong representatives on the judging panel





Photo caption:

Judges and representatives from Hong Kong at APICTA 2017 (from right to left): Prof. Jimmy Lee, Mr. Johnson Cheng, Ms. Christine Yau, Ir. Allen Yeung, Mrs. Agnes Mak, Ir. Stephen Lau, Mr. Leonard Chan



Photo caption:

Hong Kong delegates showcased their entries at the Hong Kong Reception sponsored by Hong Kong Trade Development Council

### **About the Asia Pacific Information and Communication Technology Awards (APICTA)**

APICTA is an annual flagship event of the ICT industry in the Asia Pacific region. Founded in 2001 by Multimedia Development Corporation in Malaysia, it has become a renowned international award today. APICTA aims to recognise organisations and individuals in the Asia Pacific region who have made a significant contribution to the ICT industry; increase ICT awareness in the community; stimulate ICT innovation; provide opportunities for business matching between IT innovators and investors; and facilitate technology transfer and application.

APICTA is represented by 16 countries and territories across the Asia Pacific region, including: Australia, Bangladesh, Brunei, China, Chinese Taipei, Indonesia, Japan, Hong Kong, Macao, Malaysia, Myanmar, Pakistan, Singapore, Sri Lanka, Thailand and Vietnam. These member economies take turns hosting the annual awards each year, which is won through a bidding process. For more information, please visit [www.apicta.org](http://www.apicta.org).

Since APICTA was established in 2001, the Hong Kong Computer Society, as the largest and most



well-established IT professional association of its kind with an in-depth understanding of local ICT industry development, has been responsible for nominating Hong Kong's ICT talents to participate in the event.

### **About the Hong Kong Computer Society (HKCS)**

Founded in 1970, the Hong Kong Computer Society (HKCS) is a recognised non-profit professional organisation focused on developing Hong Kong's Information Technology (IT) profession and industry. Members hail from a broad spectrum of Hong Kong's IT community, from corporations to like-minded individuals, all coming together to raise the profile and standards of the profession and industry. As a well-established IT professional body, the Society is committed to professional and industry development as well as community services to ensure the IT sector continues to make a positive impact on peoples' lives with three main goals, namely, 1) talent cultivation and professional development, 2) industry development and collaboration, and 3) the effective use of IT in our community.

For more information, please visit <http://www.hkcs.org.hk>.

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## Appendix 1

### Award Categories and Hong Kong Winners in APICTA 2017:

- **Applications Tools and Platforms** – Developed by GoAnimate Hong Kong Limited, GoAnimate is a DIY video-creation platform with hundreds of ready-made templates to enable people to save time and money in producing professional quality videos on the Cloud. It incorporates the functionalities of high-end animation software on an easy-to-use web application so business professionals can use animated content to communicate their core messages more effectively
- **Communication** – ASTRI's LTE-Metro system consists of a LTE-Metro base-station and an Evolved Packet Core (EPC). It delivers high reliability and low latency communications for train signaling, operational voice, video and data communications, and passenger communications, allowing trains to be controlled seamlessly between base-stations without interruptions. It has been deployed in the Wuhan Subway Line #6 in China, and the technology can also be applied to Public Protection and Disaster Relief (PPDR)
- **Government & Public Sector** – The Electronic Health Record Sharing System (eHRSS) was launched in 2016 to provide a central platform for the two-way sharing of electronic health records (eHRs) between the public and private sectors in Hong Kong. The quality, timeliness and cost-effectiveness of healthcare services are improved as patients no longer have to remember to bring their medical history or undergo repeated procedures due to errors or misplacement of paper records
- **Tertiary Student Project** – Haphand is a sensor controlled robotic hand that provides haptic feedback by mirroring actual hand gestures and movements through the use of sensor gloves. Created by The University of Hong Kong, the robotic hand is more intuitive than the user and will be able to handle more complicated tasks in lieu of humans in hazardous environments

### Award Categories and Hong Kong Merit Recipients in APICTA 2017:

- **e-Learning** – Scalebook by Playnote Limited is a mobile application that helps global students practise their musical scales with help of an artificial intelligence (A.I.) teacher and examiner which can speak Cantonese, Mandarin and English. The A.I. teacher analyses student's performance and point out areas for improvement, as well as provide and grade mock exams. The big-data method is used to analyse students' strengths and weaknesses, which are then displayed in simple graphs and stored on the Cloud to track continual progress. Scalebook supports various instruments including the violin, flute, trumpet etc. for ABRSM Exams Grades 1 to 5
- **School Project** – iKidney, developed by students from Pak Kau College, is a low-cost home-health monitoring platform for the detection and monitoring of kidney disease. A

microcontroller Arduino Yun and pH, color and water level sensors are used for urea examination. The data is collected and analysed through the ThingSpeak IoT platform, which is connected to a user-friendly mobile app to help users keep track of their kidney health, Medical advice is offered after urea examination. iKidney can assist users in making medical decisions, and test results will provide doctors a good reference for diagnosis and treatment

- **School Project** – “Loving You Angel” is a set of smart kits with smart wearable devices (smart watches) and applications created by Salesian School. Family members can simply enter the names of drugs and medication time in designated spaces in the kit, and smart kit will connect with different devices (smart watches and smart TVs) to remind the elderly to take their medication. The device can also send text messages to family members and doctors
- **Industry Application** – ASTRI’s Smart Water IoT System allows service providers to monitor water systems in real-time. Applied through both wired and wireless detectors across the systems, it facilitates data analysis, supports user enquiry, and allows timely access to water quality information. In addition, its ultrasound meter can detect water leakage and significantly improve water usage efficiency. The water leakage alert system and leakage detection hardware uses Complex Event Processing systems to solve leakage problems and improve service providers’ operational efficiency. A mobile app enables end-users to check and settle their payments, and service providers to run promotional campaigns. The solution features smart valves with built-in sensors that transmit critical data to ensure efficient leakage management. LoRa technologies are employed for data collection, measuring over 100 utility meters covering a distance of over 1,500 meters, while penetrating 15 to 18 floors with a five-year battery life.
- **Inclusion and Community** – Developed by The Hong Kong Society for the Aged, the Home Help Services Management System is the first system in Hong Kong created to assist the operations of Integrated Home Care Services. It features Workflow Standardization to guide staff of different ranks to fulfill client’s needs with consistent service quality; a Food Menu Management Module which generates food purchasing documents based on clients’ special dietary needs; and a Health Alert and Monitoring Function, all using smart technology