



**Press Review Taiwan
Science, Technology and Education**



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Science / Technology

Taiwanese researchers develop dye-sensitized solar cell using pitaya (Focus Taiwan, 4.3.2019)

A student and his professor at National Chiayi University have developed a method of using a natural dye extracted from dragon fruit, or pitaya, in the fabrication of dye-sensitized solar cells (DSSCs). The proposed pollution-free, low-cost technique has been published in the February 4 edition of the Institute of Electrical and Electronic Engineers Sensors Journal.

Taiwan boosts science, technology cooperation with Australia, Sri Lanka (Taiwan Today, 5.3.2019)

A memorandum of understanding on semiconductor development, innovation and production was recently signed by Taipei City-headquartered National Applied Research Laboratories and Melbourne-based Australian National Fabrication Facility. Under the pact, which was concluded February 25, the two sides will cooperate in enhancing respective R&D capabilities and creating new opportunities for mutually beneficial market openings.

HTC partners with U.S. museum to host VR expo on T-Rex (Focus Taiwan 8.3.2019)

Taiwan-based HTC Corp., maker of the groundbreaking HTC Vive, has partnered with the American Museum of Natural History to bring an exhibition on the evolution of the Tyrannosaurus rex dinosaur using virtual reality (VR) technology, the company announced March 8. HTC, which has been working to expand the applications of its VR headsets in the fields of education and culture, said in a press release that the exhibit, titled "T-Rex: the Ultimate Predator," will be held at the New York City-based museum March 11, 2019 - August 9, 2020.

Hon Hai's 35 production sites listed as top 200 Apple suppliers (Focus Taiwan 9.3.2019)

A total of 35 production sites run by Taiwan-based manufacturing giant Hon Hai Precision Industry Co. have been included among the top 200 suppliers of Apple Inc. Other Taiwanese manufacturers such as integrated circuit packaging and testing services provider ASE Technology Holding Co., smartphone camera lens supplier Largan Precision Co., metal casing maker Catcher Technology Co., and passive electronics component maker Yageo Corp., also have been put on the latest Apple top suppliers list.

Taiwan team through to national robotics competition in U.S. (Focus Taiwan, 11.3.2019)

A team of high school students from Taiwan has advanced to the national championships of a robotics competition in the United States after winning at the regional level in San Diego, California, on March 9. The 30 students from Taoyuan Municipal Nei Li Senior High School (NLHS), will now compete in the "For Inspiration and Recognition of Science and Technology" (FIRST) Championship in Detroit from April 24-27.

New medical smartphone app helps manage wounds: NTUH (Focus Taiwan, 14.3.2019)

A newly developed medical smartphone app that can inform the user of various different conditions of a flesh wound by taking a photo is now free for download, National Taiwan University Hospital (NTUH) said March 13. The app, named AI_SWAS, has been jointly developed by National Taiwan University and NTUH and is capable of determining if a wound is red, swollen, necrotic or infected from photographic images, with 90 percent accuracy, according to NTUH.

HTC to offer unlimited access to VR content at flat rate (Focus Taiwan, 16.3.2019)

Taiwan-based smartphone brand HTC Corp., which intensified its efforts to penetrate the global VR market by launching its first VR headset -- the Vive -- in 2015, will provide unlimited access to VR content starting from April in an attempt to boost its revenue in the VR business. From April 2, consumers will be able to take advantage of the Viveport Infinity program to enjoy unlimited access to VR content subscription services. Under the program, subscribers will have to pay US\$12.99 per month, or US\$99 per year, to get unlimited access to Viveport services.

NTU math professor wins Taiwan female science award (Taiwan Today, 18.3.2019)

A mathematics professor from Taipei City-based National Taiwan University is winner of the 2019 Taiwan Outstanding Women in Science Award for her research in geometric analysis. Lee Yng-ing is recognized as a leader in the fields of symplectic and Riemannian geometry, which paved the way for Einstein's future work on relativity, as well as Lagrangian and other submanifolds.



HTC teams up with NVIDIA in VR development (Focus Taiwan, 20.3.2019)

Taiwan-based smartphone brand HTC Corp., which made inroads into the global virtual reality market by unveiling its first VR headset -- the Vive -- in 2015, has teamed up with American graphics chip designer NVIDIA Corp. in VR development. In a statement released overnight, HTC announced at the GPU Technology Conference 2019, held in San Jose, California, that its new Vive Pro Eye model, which was introduced in January but has not hit stores yet, uses NVIDIA's Variable Rate Shading (VRS) technology to cater to professional VR users.

U.K.-Taiwan science research project funds 11 Taiwanese researchers (Focus Taiwan, 25.3.2019)

A project initiated by the British government last year to fund Taiwanese researchers to conduct research in the United Kingdom has funded 11 Taiwanese researchers over the past year, the U.K.'s representative to Taiwan announced March 25. Launched in March 2018, the U.K.-Taiwan Innovative Industries Program is designed to promote U.K.-Taiwan science research cooperation activities, in which the U.K. provides NT\$8 million (US\$274,000) for Taiwanese applicants wanting to make research trips to the U.K. from two weeks to one year.

Smart city expo showcasing latest AI applications (Focus Taiwan, 26.3.2019)

The 2019 Smart City Summit & Expo (SCSE) that opened March 26 at the Nangang Exhibition Center will showcase artificial intelligence (AI) applications during its four-day run, according to organizers. Now in its sixth year, the annual SCSE serves as an important avenue for Taiwan's information and communication technology industry to present smart city solutions, and it has also become the largest Internet of Things (IoT) application exhibition in Asia, organizers said.

Making Taipei a 'living lab' for smart city solutions: Taipei Mayor Ko (Taiwan News, 26.3.2019)

Taipei City Mayor Ko Wen-je said March 26 that the city government is making the city a "living lab" for smart city solutions and innovative ideas to be worked on in order to provide better and more efficient services for citizens. With the goal of moving towards one of the most livable cities in the world, the Taipei City Government is pushing forward "citizen-centric governance and transformation" on the basis of existing infrastructure and technology, remarked Ko during welcoming remarks at the Mayors' Summit on March 26 afternoon.

Teco to start shipping service robots to Australia in May (Focus Taiwan, 26.3.2019)

The Taiwanese conglomerate Teco Group said March 26 that its robots will go into service in restaurants in Australia, starting in May. Robots made by Teco Electric & Machinery Co. will provide service in the Mos Burger chain of restaurants in Australia, Teco Group Chairman Theodore Huang said. Mos Burger is already using the Teco service robots in some of its restaurants in Taiwan and Japan, Huang said at the opening of the 2019 Smart City Summit & Expo (SCSE) at the Nangang Exhibition Center in Taipei.

Google introduces new job search function for Taiwan users (Focus Taiwan, 27.3.2019)

American multinational technology company Google said March 27 it has rolled out a new search function on its Taiwan platform for users to more easily find job opportunities on various websites. When a job-seeking query is entered on <https://www.google.com.tw/>, listings from across the web, including the local online job banks such as 104.com.tw, 1111.com.tw, 518.com.tw, and yes123.com.tw, will show up, Google said.

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Education

Taiwanese students win international architecture prize (Focus Taiwan, 12.3.2019)

A project created by two graduate students at National Chiao Tung University won the Architecture and Sea Level Rise award at an international architecture competition last year, according to a statement issued recently by the school. The project, called The Great Wall of Lagoon, was submitted by Chen Sheng-han and Lin Chang-chun of the university's Graduate Institute of Architecture.

Taiwan will have to compete for Filipino English teachers: educator (The China Post, 14.3.2019)

Taiwan will have to compete with China, the United States and countries in Europe if it plans to hire Filipinos as English language teachers, a Filipino-Chinese educator said recently. The incentives to work in the U.S. are strong and include the possibility of obtaining a green card, while teacher salaries in China are also competitive, said Wilfred U. Tiu, president of Trinity University of Asia in the Philippines.

MOL, WorldSkills sign pact on promoting vocational training internationally (Taiwan Today, 14.3.2019)

A memorandum of understanding on promoting vocational training around the globe was inked by the Workforce Development Agency under the Ministry of Labor and Netherlands-based WorldSkills International March 13 in Taipei City. Under the pact, the two sides will operate the WSI Capacity Building Center launched the same day in the southern city of Tainan. The facility will work to share Taiwan's technical expertise and offer talent cultivation programs in developing nations across a wide range of fields spanning automotive technology, carpentry, engineering, graphic design and welding.

Taiwan struggles to retain talents (The China Post, 21.3.2019)

Taiwan is having troubles retaining local talents as many high-school students opt for studying abroad for university. Besides, foreign colleges and companies are also actively recruiting Taiwanese talents. According to Ko Kuan-ming, secretary at the Affiliated Senior High School of National Taiwan Normal University, Taiwanese students are choosing which university to attend based on the future job market. Since Taiwan is unable to provide a satisfying job environment, it is natural for students to go overseas to try their luck, Ko said.

Taiwan high school student wins big at prestigious Italian science competition (Taiwan Today, 21.3.2019)

Taiwan high school student Chiu Hong-hsiang is winner of two awards at the I giovani e le scienze, or young people and science, competition for his Chinese font generation system, according to National Taiwan Science Education Center March 20. Chiu, a senior at Taipei Municipal Jianguo High School, claimed gold in the prestigious event, as well as a special award from Yale Science and Engineering Association Inc. for his research during the annual competition staged March 16-18 in Milan.

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