



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



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Science / Technology

Built for winning (China Post, 05.04.2017)

This unmanned aerial vehicle, more commonly known as a drone, photographed Monday, Apr. 3, is the winning design in this year's 2017 Taiwan Innovative Unmanned Aircraft Design Competition. The prototype comes from doctorate and graduate students of Da-Yeh University's electrical engineering department. Its battery-saving functions and vertical takeoff are reportedly what won it the prize.

Taiwan remains the world's largest IC materials buyer (Taiwan Today, 05.04.2017)

Taiwan was the largest consumer of semiconductor materials in the world for the seventh consecutive year in 2016 with a total procurement amount of nearly US\$9.8 billion, registering an increase of US\$370 million from the previous year, according to a report released April 3 by the U.S.-based Semiconductor Equipment and Materials Institute. SEMI attributed Taiwan's top ranking and its 3.9 percent annual increase in purchases of semiconductor materials last year to the country's large foundry and advanced packaging base. South Korea, Japan and mainland China trailed behind Taiwan in that order. The value chain of the semiconductor industry is composed of three segments, namely integrated circuit design, manufacturing, and packaging and testing. Taiwan Semiconductor Manufacturing Co., headquartered in the northern city of Hsinchu, is the world's largest dedicated IC foundry, while Advanced Semiconductor Engineering Inc., based in the southern city of Kaohsiung, is the largest IC packaging and testing services provider.

Taiwan to join NASA hackathon for first time (Focus Taiwan, 06.04.2017)

Taiwan will participate this year for the first time in the NASA International Space Apps Challenge, one of the largest hackathons in the world, the American Institute in Taiwan (AIT) said Thursday. The programming marathon style hackathon will utilize NASA's open data, inviting participants in 110 cities around the world to provide hardware, software and innovative solutions to global challenges such as water resource management and natural disaster response, the AIT said. "With unique vantage points in air and in space, NASA collects high-quality data covering all parts of the planet, which tells us more about the world we live in," the AIT said in a news release. The theme for the 2017 hackathon is the Earth, according to the AIT, which represents U.S. interests in Taiwan in the absence of bilateral diplomatic relations.

Science parks, YunTech and IIT Hyderabad sign MOU in Hsinchu (Focus Taiwan, 17.04.17)

The Hsinchu Science Park Bureau signed a memorandum of understanding (MOU) on academic, technological and cultural interaction with the Indian Institute of Technology Hyderabad (IITH), National Yunlin University of Science and Technology and the Central Taiwan Science Park Bureau in Hsinchu on Monday. The MOU was signed to promote the internationalization of academic, educational, and high-technological research in Taiwan and India. It will also enhance the interaction between India's talent and human resources and Taiwan's technology sector. The IITH, one of the more than 20 IIT campuses with nearly 2,000 students and 150 faculty members, has a research park and three talent incubators.

ITRI Wins 2017 Edison Awards with URABat (Focus Taiwan, 22.04.2017)

The Industrial Technology Research Institute (ITRI), a leading technology research institution in Taiwan, has won a silver medal at the 2017 Edison Awards for its technology for the URABat, an ultrafast rechargeable aluminum battery. The URABat was honored in the Energy & Sustainability/Power Source category at the awards held in New York on April 20, the institute said in a statement. "We are glad that URABat has once again been recognized by an international accolade after winning the 2016 R&D 100 Awards," said Yang Chang-chung, deputy division chief of ITRI's Green Energy and Environment Research Laboratories.

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Education

Global international studies conference kicks off in Taipei (Focus Taiwan, 01.04.2017)

The Fifth Global International Studies Conference opened in Taipei on Saturday with some 450 scholars expected to present some 600 papers during the three-day meeting organized by the Taiwan Association of International Relations (TAIR). The triennial conference, authorized by the World International Studies Committee (WISC), will



focus on the theme "Dialogue Across Borders in Turbulent Times: Addressing Global Challenges." It is the first time that the WISC has held its conference outside Europe, as well as the first time that TAIR has hosted a global international studies conference. Starting in 2005, the previous four WISC conferences were held in Istanbul (Turkey), Ljubljana (Slovenia), Porto (Portugal), and Frankfurt (Germany).

Cabinet savings program to give kids in need NT\$540,000 on 18th birthday (China Post, 05.04.2017)

The government will soon launch a program that aims to make NT\$540,000 available to underprivileged children at the age of 18 for the purpose of higher education or starting a business. The program would be launched sometime before June, the Executive Yuan told the Chinese-language United Evening News on Tuesday. Under the plan, the government will save NT\$15,000 in a special account designated for children who meet program qualifications. Social welfare groups or the family members of the children will be responsible for saving another NT\$15,000 in the same account every year. Once the child turns 18, he or she will receive NT\$540,000 that can be used for further education or for starting a business, the report said.

Taiwan signs cooperation pact with Stanford University (Focus Taiwan, 05.04.2017)

Taiwan's Ministry of Science and Technology signed an agreement with Stanford University on Tuesday to cooperate in talent development, as part of an effort to encourage more young Taiwanese adults to pursue careers or attend academic exchange programs in Silicon Valley. Minister of Science and Technology Chen Liang-gee, who signed the agreement with a representative from the university and is on a 10-day visit to the United States, said he will also sign cooperation pacts with University of California, Berkeley, and 20 local start-ups, to launch cooperation in cultivating talent. Through the cooperation, it is hoped that exceptional Taiwanese professionals in the field of technology will learn about innovation in Silicon Valley and share their experience when they return to Taiwan, Chen said.

Stipend for Chinese language teachers in Southeast Asia to be raised (Focus Taiwan, 05.04.2017)

The Ministry of Education announced Wednesday that it will increase to US\$1,500 the monthly stipend it pays to individuals from Taiwan who enroll on a government program to encourage the teaching of Chinese language in India and Southeast Asia. Originally, the stipend was US\$1,000-1,200, but Taiwanese showed little interest because of poor transportation in such areas and the low salaries offered by the schools. The ministry, in conjunction with the government's "New Southbound Policy," announced the increase in a bid to attract more qualified applicants. In 2016, a total of 159 Taiwanese were selected for teaching positions around the world, with 90 of those in India and Southeast Asian countries. As teachers from Taiwan are known to be professional and friendly, they are very popular and demand is expected to increase sharply in 2017.

Indonesia eying closer higher education ties with Taiwan (Focus Taiwan, 11.04.2017)

A tertiary education delegation from Indonesia visited Tunghai University in Taichung recently, as part of an effort to strengthen bilateral exchanges in higher education, the university said on Tuesday. The delegation included Hari Purwanto, senior advisor to Indonesia's Minister of Research, Technology and Higher Education, and Agus Indarjo, secretary-general of the Directorate General of Institution for Science, Technology and Higher Education under the Ministry of Research, Technology and Higher Education, the university said. During their visit to the university on April 8, the Indonesian officials were briefed by faculty on educational programs, initiatives for education innovation and the operations of the Indonesia Taiwan Education Center.

Public-private program launched to train young digital animators (Taiwan Today, 12.04.2017)

A collaborative project between the central and local governments, academic institutions and private enterprises was launched April 10 with the aim of promoting the development of Taiwan's digital animation industry through cultivating talents. The Kaohsiung City Government's Education Bureau, the Ministry of Economic Affairs Export Processing Zone Administration and the Taiwan Academia Industry Consortium signed an agreement to collaborate on a large-scale program to work with 12 high schools, various universities as well as animation companies to cultivate digital animation talents and open doors for young people to enter the industry. According to the Education Bureau, the agreement will allow local and international industry professionals to teach courses at the designated high schools as well as organize conferences and seminars to train teachers in southern Taiwan's Kaohsiung City. The project will also enable high school students to take advanced placement animation courses, according to the bureau.

**Taiwan to offer NT\$125,000 monthly stipend to lure overseas talent (Focus Taiwan, 18.04.2017)**

The Ministry of Science and Technology on Tuesday unveiled a program to recruit overseas Taiwanese talent to return to their home country, offering a monthly stipend of NT\$125,000 (US\$4,110) for up to one year. Science and Technology Minister Chen Liang-gee said the program is scheduled to kick off in May with the goal of persuading 100 Taiwanese doctoral degree holders to come back to Taiwan. They must be Taiwanese, under 45 years of age, and the government will provide them with a monthly stipend of NT\$125,000, giving them a similar living level overseas until they find jobs. Chen said that according to an initial survey, around 60 percent of those who study overseas hope to return to work in Taiwan, and the unveiling of the program is aimed at removing hurdles to their return.

Growing number of college students postponing graduation (Focus Taiwan, 19.04.2017)

An increasing number of college students in Taiwan are postponing their graduation, mainly to develop specialized skills across different fields, official statistics show. A total of 48,000 students will postpone their graduation this academic year that ends on July 31, an increase of 1.4 percent year-on-year, according to the Ministry of Education (MOE). That number was also 6.6 percent higher than in the 2011-2012 school years, with most of the growth coming among female students, according to the Directorate General of Budget, Accounting and Statistics (DGBAS). In its analysis of the figures, the DGBAS said some of those delaying their graduation were doing it to pursue a double major or a minor in another field to develop interdisciplinary skills, seen by many as critically important to success in today's constantly changing economic environment.

Taiwan, India launch 'Intern India' program for Taiwanese students (Focus Taiwan, 22.04.2017)

Taiwanese students interested in working as interns in India now have the opportunity to do so through a program organized by institutions in the two countries. The "Intern India" initiative launched this year by St. Britto's College in Chennai and the Taipei Economic and Cultural Center in the south Indian city will provide more than 100 internships at hundreds of companies and establishments there. "Participating companies will include businesses in the logistics, hotel, education, and restaurant sectors and other establishments that have contacts with St. Britto's College," said Charles Li, who currently heads Taiwan's office in Chennai. Students wishing to participate in the program must first submit applications, Li said, and the process will also include an online interview with St. Britto's to ensure that the applicant is qualified for Intern India.

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