



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



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Science / Technology

Scientist seeks to explain mass bee disappearances (Focus Taiwan, 9.8.2017)

Associate Professor Tsai Zuo-min from the Department of Electrical Engineering at National Chung Cheng University attaches highly sensitive harmonic radar tracking chips to bees in an effort to track them and investigate the reason for their disappearance. The number of bees around the world has been in decline for some time now causing concern, said Tsai.

ITRI, Oxford Instruments to further strengthen cooperation (Focus Taiwan, 10.8.2017)

Taiwan's Industrial Technology Research Institute (ITRI) and Oxford Instruments plc, a British manufacturing and research company, internationally renowned for precision instrument design and manufacturing, have decided to further strengthen their cooperative relationship, particularly in the development of innovative technologies.

Aerospace and defense technology exhibition kicks off in Taipei (Taiwan Today, 17.8.2017)

The Taipei Aerospace and Defense Technology Exhibition kicked off August 17 at Taipei World Trade Center, showcasing cutting-edge components and systems from more than 140 local and overseas companies at some 760 booths. Co-organized by the government-supported Taiwan External Trade Development Council (TAITRA), the 14th edition of the biennial event boasts a 16 percent increase in exhibitor numbers from 2015. The show, which is open to the public, is expected to attract more than 10,000 local and foreign visitors over its three-day run, according to the council.

Acer opens solar power station (Focus Taiwan, 18.8.2017)

Acer Inc., a leading PC brand in Taiwan, has inaugurated a solar power station in its Aspire Park in Longtan District of Taoyuan City as part of its efforts to push for the use of renewable energy, the company said on August 18. The first stage of the solar power station became operational on August 18 and the rest of the facility is scheduled to start producing electricity by the end of September, according to Acer. When completed, it will have an installed capacity of 2.4 megawatts, capable of generating roughly 3.52 million kilowatt-hours of power a year, Acer said.

Top trends, technologies on show at Taipei 101 Smart Trend Exhibition (Taiwan Today, 18.8.2017)

2017 Taipei 101 Smart Trend Exhibition gets underway August 21 in northern Taiwan, showcasing the latest trends and technologies, as well as serving as a platform for industry leaders from home and abroad to exchange ideas and pursue opportunities in sustainable development. Organized by the landmark structure's operator Taipei Financial Center Corp. and U.S. Green Building Council, the month-long event involves 12 exhibitors like Philips Lighting Taiwan Ltd., Siemens Limited Taiwan and Kimberly-Clark Corp.

Final preparations underway for launch of Taiwan's Formosat-5 (Focus Taiwan, 19.8.2017)

Final preparations are underway for the launch of Formosat-5, Taiwan's first domestically developed satellite, from a U.S. air base next week, a Taiwanese official said on August 18. The satellite, which arrived at Vandenberg Air Force Base in California last month, is scheduled to be sent into space on August 24.

FormoSat-5 will help speed disaster prevention and relief: expert (Focus Taiwan, 24.8.2017)

The high-resolution images taken by FormoSat-5, Taiwan's first domestically developed satellite, will help to expedite disaster prevention and relief, a meteorologist said on August 24. Cheng Chia-ping, the head of the Central Weather Bureau's Weather Information Center, said FormoSat-5 is like a giant digital camera that can photograph the Earth from space and send back clear images of the planet's surface. It can record changes before and after an earthquake or a typhoon, relaying images of events such as flooding, landslides and mudslides, which will allow faster and better informed disaster prevention and response, Cheng said.

FormoSat-5 successfully makes it into orbit (Focus Taiwan, 25.8.2017)

Taiwan's first domestically developed satellite FormoSat-5 made it into orbit after a successful launch on Space X's Falcon 9 rocket on August 24. A total of 300 people, including Deputy Minister of Science and Technology Su Fong-chin, National Applied Research Laboratories Chairman Yang Hung-duen, and American Institute in Taiwan Chairman James Moriarty, were present to witness the historic launch that marked the advancements and successes of Taiwan's space technology sector.

FormoSat-5 launches into space after years of challenges (Focus Taiwan, 25.8.2017)

FormoSat-5 was launched on August 25 at Vandenberg Air Force Base in California, after six years of hard work by the National Space Organization (NSPO). In the more than two decades since the NSPO was established, this



is the first time the organization has taken on the challenging task of designing, developing and engineering a space program.

FormoSat-5 begins contact with ground station (Focus Taiwan, 25.8.2017)

Eighty-two minutes and 56 seconds after lift-off from the Vandenberg Air Force Base in California, the first Taiwan-made satellite FormoSat-5 started communications with planet earth, according to the Hsinchu-based National Space Organization (NSPO). In a statement, NSPO said that at 4:13 a.m. Taiwan time, its ground antenna in Svalbard, Norway received signals from FormoSat-5, which was launched into the 720-km orbit by SpaceX Falcon-9 rocket 11 minutes 19 seconds after liftoff at 2:50 a.m." The success of the first contact marks a milestone of FormoSat-5," said the statement.

Launch of FormoSat-7 set for mid-2018: minister (Focus Taiwan, 25.8.2017)

Taiwan's National Space Organization (NSPO) is now focusing its attention on the launch of FormoSat-7, scheduled for some time next year, after the successful launch of its FormoSat-5 on August 24, according to Science and Technology minister Chen Liang-gee. Speaking to the press after FormoSat-5's launch, Chen said the experience with the mini-satellite would serve as a foundation for the development of FormoSat-7.

U.S. has detected, numbered FormoSat-5: project head (Focus Taiwan, 28.8.2017)

FormoSat-5 has been detected and numbered by the U.S. Department of Defense's warfare command center, the director of the satellite project developed by Taiwan's National Space Organization (NSPO) said on August 28. The orbit and height of the satellite have met their expectations, added Chang Ho-pen at Taiwan Taoyuan International Airport upon his return from the United States along with some members of his team and Deputy Minister of Science and Technology Su Fong-chin.

Taiwan ranks 2nd at International Earth Science Olympiad (Taiwan Today, 30.8.2017)

Taiwan students won two golds and two silvers to tie with Japan for second place at the 11th International Earth Science Olympiad in Nice, France, the Ministry of Education announced August 29. Held August 22-29, this year's event saw over 100 high school students from nearly 30 countries and territories compete in earth science subjects such as geology, geophysics, meteorology, oceanography, terrestrial astronomy and environmental sciences.

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Education

Taiwan takes 5th place at International Olympiad in Informatics (Taiwan Today, 7.8.2017)

Taiwan students bagged one gold and three silver medals to rank fifth at the 29th International Olympiad in Informatics in Tehran, the Ministry of Education announced August 4. Held July 28 to August 4 in the Iranian capital, this year's IOI saw over 300 high school students from more than 80 countries and territories compete in contests of computer programming and problem-solving. The Taiwan team was led by National Taiwan Normal University Department of Computer Science and Information Engineering professor Greg Lee. According to the MOE, Lee was also recently elected as the next IOI president, and will serve a three-year stint as head of the Olympiad beginning this August.

Mandarin On-The-Go tours of Taiwan launched by Ministry of Education (Taiwan Today, 9.8.2017)

A travel program combining Chinese language classes with trips to some of Taiwan's top attractions was launched August 8, highlighting the nation's natural beauty, cultural diversity and world-leading Mandarin learning environment, according to organizer the Ministry of Education. Scheduled for September to July next year, the Mandarin On-The-Go tours offer four main routes based in northern, central, southern and eastern Taiwan, respectively. Packages range from two to five days and are open to everyone, with classes designed to accommodate participants of all levels.

National Open University promotes Mandarin education in Thailand (Taiwan Today, 10.8.2017)

A memorandum of understanding on promoting Mandarin education in Thailand was inked by New Taipei City's National Open University and Thai-Taiwan Business Association August 9 in Bangkok. Under the agreement, the two sides will collaborate on promoting a series of free NOU-produced Mandarin online courses and teacher



training materials, as well as providing tailored basic communication and conversation programs for the employees of Taiwan-headquartered companies in Thailand.

Taiwan partners with Vietnamese university on scientific research (Focus Taiwan, 22.8.2017)

The Taipei Economic and Cultural Office (TECO) in Vietnam has signed a memorandum of understanding with the National Economics University in Hanoi to study climate change and its implications for the two countries, Taiwan's Ministry of Education said on August 22. Under the agreement, Taiwan and Vietnam will establish a student and faculty exchange program and will carry out joint research in areas such as disaster risk management, the ministry said.

Education fairs in Indonesia promote study in Taiwan (Taiwan Today, 28.8.2017)

The 2017 Taiwan Higher Education Fairs kicked off August 26 in Indonesia, highlighting the government's commitment to enhancing academic exchanges with the Southeast Asian nation, according to the Ministry of Education. Supported by the MOE and co-organized by nonprofit organizations Taiwan Education Center Indonesia and Ikatan Citra Alumni Taiwan Indonesia Sumatra Utara, the fairs were slated to take place in the cities of Jakarta and Medan as well as Aceh province.

Tang Prize Foundation, IUBMB cooperate in promoting science education (Focus Taiwan, 30.8.2017)

Taiwan's Tang Prize Foundation announced August 30 that it had formed a partnership with International Union of Biochemistry and Molecular Biology (IUBMB) in promoting the advancement of biopharmaceutical science Education. The foundation signed a 9-year partnership project agreement with IUBMB in 2016 which is currently on the move, according to a statement issued by the organization.

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