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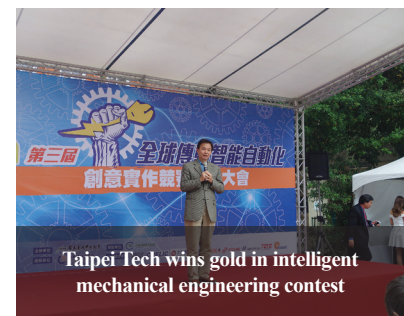
Taiwan Startup Institute  
opening ceremony



Taipei Tech and TMU join hands  
to establish the Intelligent Brain  
Technology Center



City Science Lab @ Taipei Tech  
opening ceremony



Taipei Tech wins gold in intelligent  
mechanical engineering contest

## Taiwan Startup Institute opening ceremony

Taipei Tech i Foundry and InnoMaking Space celebrate its 2nd anniversary on November 9. I foundry aims at assisting start-ups throughout the process by providing services such as matching, consulting, and space etc. The institution had already helped over 70 teams and individuals since its establishment in 2015. And 20% of them are women according to I Foundry's Director Prof. Cao Xiao-yue. Seeing Taipei Tech's outstanding achievement in boosting start-ups and promoting maker spirit, Ministry of Technology, R.O.C decided to set Taiwan Startup Institute (TSI) on the University's campus. Acting as a national escalator, the TSI would help those in industrial value creation program for Academia to find opportunities both domestic and international.



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Many distinguished guests attended the TSI opening ceremony including Taipei Tech President Prof. Wenlung Li, TSI CEO Yang Han-chuan and Vice President of Investment Xu Zhu-xian, Taipei Tech Dean of Industry-Academia Cooperation Prof. Li Da-sheng, Dean of Research and Development Prof. Su Zhao-jin. In addition to exciting performance that caught people's eyes, we also had a cake to wish our i Foundry a Happy Birthday.

## Taipei Tech and TMU join hands to establish Intelligent Brain Technology Center



Taipei Tech and Taipei Medical University join hands to establish the Intelligent Brain Technology Center aimed at explore more possibilities between medical and technology. In the future, these two universities will not only provide micro credit courses but also integrate academic research and practical application to better fit patients' need.

The center opening ceremony and press conference was held on October 31. Taipei Tech Vice President Dr. Yang Che-hua noted that the challenge of today's medical information technology lies in how to integrate different fields such as engineering, medical, big data, and AI, to keep people alive or improve patients' life quality. Although Taipei Tech doesn't have medical related department, we have been working with medical unities for over 20 years. So far, Taipei Tech has gained many outstanding R&D results and experiences in electronic engineering, electronical engineering, mechanical engineering, molecular, and medical design. With Taipei Medical University's abundant medical data and Taipei Tech's



technology, the center is expected to achieve a lot in talent cultivation and academic research.

Before co-establish the Intelligent Brain Technology Center, the two schools were both in the University System of Taipei. Dr. Su Zhao-jin, Dean of the Office of Research and Development of Taipei Tech, noted that Taipei Tech will provide course about brain-machine interface.



## City Science Lab @ Taipei Tech opening ceremony



City is where we live yet how to make it more livable, convenient, and eco-friendly is an important question that Taipei Tech has been tackled for a long time. Ranks No.2 on the High Rise Building of Green Metric University Ranking worldwide, Taipei Tech invested a lot in green technology

R&D. Related results such as Energy Management System, Electric Power Assisted Bike, Solid Oxide Fuel Cell, and Breathable Pavement are some amazing examples Taipei Tech have accomplished to name a few. By collaborating with Massachusetts Institutes of Technology (MIT), Taipei Tech believes that more possibilities would generate toward building a smart city.

The City Science Lab @ Taipei Tech (CSL) will mainly focus on Persuasive Electric Vehicle (PEV) research and development. By contributing in areas including but not limited to Computer Science & Information Engineering, Electrical Engineering, Electronic Engineering, Electro-Optical Engineering, and so on, Taipei Tech expects to be part of the team that brings fundamental changes to the concept of transportation.

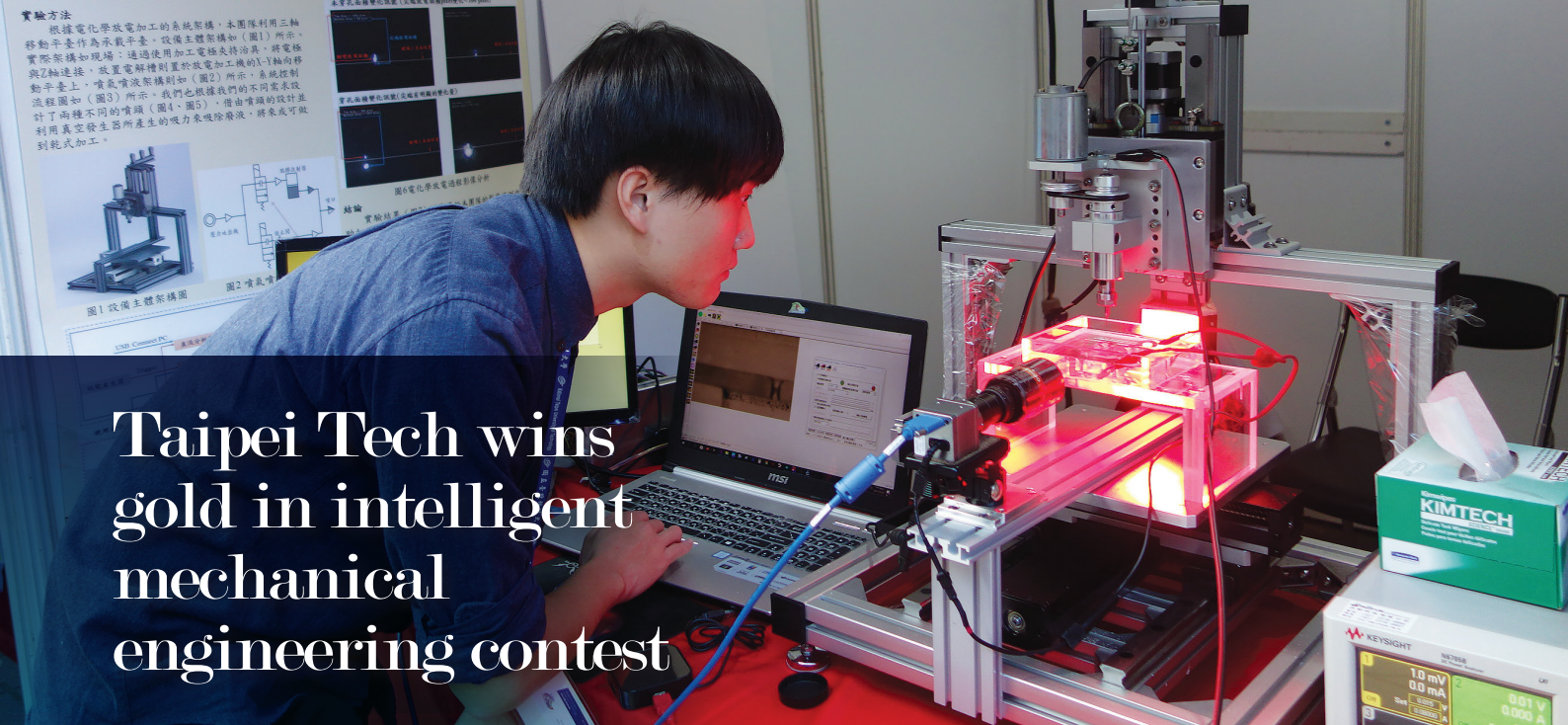
Besides transportation system, Taipei Tech and M.I.T are also working on intelligent health care products in order to increase people's quality of life and to truly achieve the vision of what we would like to call it: smart home in a smart city, in the future.

In the opening ceremony, many distinguished guests including Political Deputy Minister Dr. Yao Leehter, Taipei City Department of Information Commissioner Wei-bin Lee, arrived and send their congratulations. Friends from Institution for Information Industry and A.I.T also showed up to express their support. Taipei Tech alumni Pioneer Material Precision Tech Chairman Rubber Chen, Topkey Corporation Chairman Walter Shen, Chyao Shiunn Electronic Chairman Chang Jui-mei, Mobiletron Electronics Chairman Kim Tsai were all attend the event. The audience applauded when an announcement was made saying a \$1 million dollar donation was given by an anonymous alumnus unexpectedly.

In addition to remarks, the lab tour and R&D demonstration afterwards also caught guests' attention and aroused many discussions.







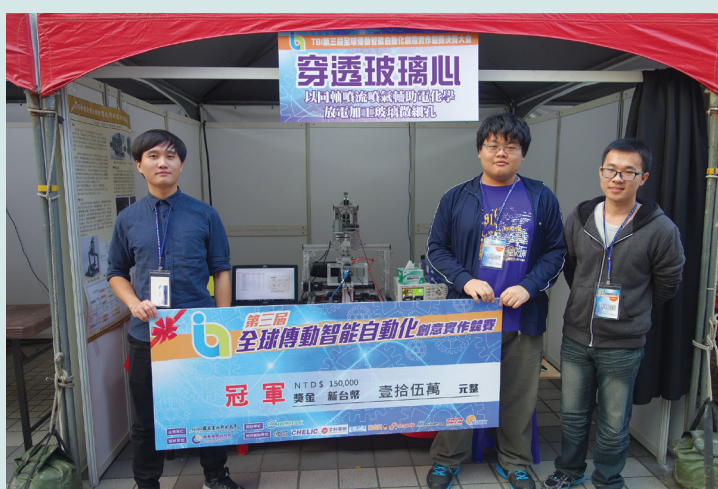
# Taipei Tech wins gold in intelligent mechanical engineering contest

In response to Industry 4.0 policy and development, the 3rd TBI Intelligent Automation Creative Project Contest was held recently and attracted entries from all over the island. The contest encourages teams to combine theory with industry practice and showcase creativity in the purpose of producing a real product.

15 teams that made it to the final round displayed their products on Taipei Tech campus before the winner was announced.

The gold winning product was design by Taipei Tech Department of Mechanical Engineering team. The machine can drill holes on various materials including glass and ceramics during processing procedures. By improving Electrochemical Discharge Machining technique, this machine has lower possibility of breaking glasses while drilling than traditional drilling technique using laser.

Another eye-catching product was an automatic egg-cooking machine designed by Lunghwa University of Technology and Science and National Taiwan Normal University. Receiving three awards including Silver Medal, the design can automatically cook an egg in 10 minutes.



TBI Motion Chairman Li Ching-kun said that this is the third year the contest is held and he can see the outcome from students become better and better each year. In order to enhance academia-industry collaboration, the contest shall keep holding in the future.

President Wenlung Li noted that intelligent mechanical engineering is integrating parts with software. And with the help of IoT and big data, the assembling process will be more advanced and smart. This contest is a good practice for students to actually use mechanical parts and explore the potential of intelligent mechanical engineering.