

Shanghai Technology Exchange Empowers Tech Commercialization

By Mao Xinhui

The Shanghai Technology Exchange has been officially introduced into Yangpu, with the first batch of technological achievements to be listed in August. On July 15, the Exchange signed a cooperation agreement in the Shanghai Science Hall through means of telecommunication with the Academic Department of the China Association for Science and Technology (CAST) to jointly develop the "China Science & Innovation" platform, aiming to introduce "technology brokerages" to empower the commercialization of technological achievements.

As one of the two licensed exchanges in the country that carry out technology-based trading, the Shanghai Technology Exchange mainly engages in technology transfer and trading businesses.

During the epidemic this year, the Exchange helped a hospital to promptly commercialize its innova-

tion by assisting in the design of transaction methods and providing services such as trading and listing announcement.

At the beginning of this year, Wu Jiajun, an emergency physician at the Ninth People's Hospital Affiliated to Shanghai Jiaotong University's School of Medicine, was participating in the treatment of Covid-19 patients and found that front-line medical staff needed splash protection when performing invasive operations and sputum suction. For that purpose, a joint R&D team was set up for the development of anti-splash device.

On February 20th, the hospital contacted the Exchange to seek enterprises for the production of the device; on the 21st, the "disposable anti-splash towel" project was granted an application number for the national intellectual property utility model patent; on the 22nd, the trial production of the first sample was completed; on the 23rd, more than 10 volunteers went to the manufacturer to partici-

pate in the trial production of the first batch of the isolation towels; on the 24th, the first batch of 100 trial products arrived at the front line for medical staff to try out, and achieved expected protective results.

To promote the commercialization of the "disposable anti-splash towel", the hospital agreed to grant use of the patent for national public health emergencies free of charge during the epidemic period to achieve fast commercialization and support the front line anti-epidemic efforts. And the patent license agreement can be signed with the licensee after the epidemic is over.

On March 2, 2020, the Exchange announced the commercialization of the achievements for this technology involving 6 patents. The commercializing parties are Juji Technology (Shanghai) Co., Ltd., Suzhou Botai'an Biological Technology Co., Ltd., Shenzhen Songzi Biological Technology Co., Ltd. Company, and Shanghai Guosong Medical Technology Co., Ltd.

"The biggest difference between technology trading and general product trading is that technology is unique and non-standard." Lu Jijun, head of the Yangpu demonstration project of the Shanghai Technology Exchange, told reporters, "Therefore, technology exchanges need to introduce a series of professional services institutions, namely technology brokerage firms, to provide a series of services ranging from achievements evaluation, technical audit, and supply and demand matching, to achievements promotion and listing."

"The Shanghai Technology Exchange signed an agreement with the CAST to utilize the latter's resources," said Lu Jijun. The CAST has more than 200 national-level societies and many well-known experts and scholars covering all disciplines in the field of natural sciences. "On one hand, these experts in various fields have undoubtedly the most say in judging the quality of an achievement. On the other hand, they also have a lot of

high-quality technological achievement resources on their hands, which need to be commercialized. But how to trade the technologies on a standardized and open platform? The Shanghai Technology Exchange can provide them with these back-end services."

"The introduction of the Shanghai Technology Exchange will serve as the source of innovation in Yangpu District and provide broader development space for the construction of a science and technology resource element market." Relevant officials of Yangpu District said that Yangpu, as the first batch of pilot urban districts for "China Science & Innovation", will give full play to its foundation of and advantages in technology market and innovation and entrepreneurship ecology, guide high-quality technology projects in accessing the market, actively explore the technology and economic integration with technology transactions as the core, and empower the development of industry chains.

INNO Chuangzhi Attracts More Businesses in 2020



By Tang Shunjia & Sun Peijie

Shared office has become increasingly popular among businesses. There is just such an innovative space in Yangpu-Inno Chuangzhi, a two-building complex located on Guoxia Road. Notwithstanding the coronavirus outbreak, businesses moving into the buildings have seen a surprising uptick during the first half of this year. So, what has it got to appeal to these businesses?

"We have tried renting mobile desks before, and had a great experience. So we moved our research and development team here," said Liu Yong, General Manager of Shanghai Yilang Data Technology Compan, a business established in 2015 focused on data analytics. Yilang has just moved into its new home this July, occupying a small office on the second floor of Inno

Chuangzhi. Before this, they had quite a bumpy ride going from one shared office building to another, but eventually ending all the contracts for rent and environment reasons.

"Mobile desk" is a special business model created by Inno Chuangzhi for start-ups, which usually start small, and oftentimes is just one person-the founder. To maximize the utilization of resources, start-up businesses only need to pay 1,000 yuan per month to enjoy all the common facilities in the building, like the conference room, desks, recreational room, and gym, while employees can take their computers working anywhere in the building. During lunch breaks, they can also enjoy free drinks in the bar; if stayed up late the previous night, they can also have a nap anytime in the public sleeping pods. The increase of shared resources, Liu Yong said,

meant cost-saving for businesses, "Yilang only has an office space less than 20 square meters, and four sets of desks and chairs. But that's all they need, nothing more. Even the cleaning staff is shared here."

Compared with Yilang's four staffs, Flexem, an information technology company that moved into the building one year ago, has a lot more, for which they have rented a whole floor with a space of nearly 2,000 square meters. "Inno Chuangzhi's handling of visitors, the regular cleaning and disinfection, and its services during the coronavirus pandemic are very reassuring," said Dong Yingbin, deputy general manager of Flexem. On top of the many conveniences brought by shared facilities, they are also very pleased with Inno Chuangzhi's comprehensive management model, he added.

Science and Innovation Class Launched in Yangpu

By Zhang Bei

How to help high school graduates choose a major that is aligned with their interests when applying for colleges? How to cultivate their innovative and entrepreneurial spirit through quality development curriculum and practice?

A few days ago, Changhailu Sub-District, together with Zhongyuan Middle School, launched a "Career Planning Program" science education and innovation practice class for youth. More than 150 senior high school students from this school visited the Shanghai Innovation and Entrepreneurship Exhibition and Experience Center to learn about the application scenarios of related industries to seek inspiration for career choice and planning.

During the activity, under the guidance of professional instructors, the students visited five major experience halls, including the creative product and experimental science experience hall, industry 4.0 and smart home trial production area, and refrigeration and air conditioning technology science experience hall. They experienced VR logistics technology and learned about the working principle of 3D printers and the whole process of refrigeration in the cold storage, feeling that this way of learning was quite innovative.

"I learned about Fudan University's solution to degrade organic waste: use purification equipment, cultivate functional bacteria, and decompose organic waste. I also saw many hand-painted artworks, which not only broadened my horizon, but also provided ideas for my future career choices." Fang Jiayi, a second-year high-school student from

the school told the reporter.

According to reports, in 2017, Zhongyuan Middle School and Changhailu Sub-District jointly established the "High School Student Career Planning Training Base" to provide career guidance to students in the form of theoretical courses. In 2018, the base further introduced innovation and entrepreneurship resources and platforms from the sub-district, carried out entrepreneurship practical courses in a way that simulated real-life corporate practices, and cultivated students' career planning, innovation and entrepreneurship by creating an immersive learning environment.

Last year, the Human Resources and Social Security Bureau of Yangpu District, Changhailu Sub-District and Zhongyuan Middle School further deepened their cooperation and jointly launched the "Career Planning Program" class for students and parents, whereby learning modules including career theory, innovative social practice and others were used to help young people enhance their awareness of innovation and practice, and career planning ability.

Career theory module includes career planning courses and job experience sharing courses, and career planning courses are divided into 8 categories including technology finance and investment and financing, information engineering and the Internet, e-commerce and new retail industries.

Since September last year, Changhailu Sub-District has been inviting professional teachers of the school's entrepreneurial practice class to carry out specific counseling and job experience sharing courses with a focus on professional skills and social patterns.