



• Dressed for the part

Hungarian student Kristof (left) tries his hand at paper cutting under the guidance of a staff member at Hanweiyang Traditional Chinese Culture Center in Jiading, both wearing traditional Chinese costume. Students and teachers from the International Youth Friendship Camp took part in a one-week event where 29 participants from 12 countries experienced traditional Chinese culture, including visiting the Jiading Museum, and making fans and playing the tou hu game, also known as throwing the arrow into the pot. — Qin Yichao

Jiading satellite prepares to launch

Gu Jialan and Tong Wangyue

Jiading's first commercial micro satellite will be launched into space in June next year.

The OKW-01 satellite will be sent to a sun-synchronous orbit 700 kilometers from Earth. In the future, it will be a part of a group of satellites working in concert.

Designed and developed by Shanghai OKW Aerospace Technology Co Ltd, a company based in Nanxiang Town in Jiading, about 90 percent of the

technologies applied in the satellite have also been developed by the company.

OKW-01 is said to have advantages over larger satellites such as those used by the Beidou system. Compared to the Beidou satellites, which are 36,000 kilometers from Earth, OKW-01 is orbiting at a much higher speed which makes it capable of serving a wider area.

As telematics becomes more mature in Jiading, the OKW-01 will be widely used and have a role to play in more areas. For

example, the emergency rescue system can adopt both the OKW-01 satellite network and terrestrial cellular network to ensure the seamless communications coverage.

The satellite can also help trace endangered birds with trackers even when the birds fly deep into mountains and forests which can't be covered by the terrestrial network.

According to Wang Yang, OKW's CEO, micro satellites greatly save costs in launching and production. "It can become

part of the life of common citizens," said Wang.

Many of the core members of the OKW are former technicians from Chinese Academy of Sciences and China Aerospace Science and Technology Corporation. Over 40 percent of the employees have master's and doctor's degrees from universities at home and abroad.

Seeing a bright future for micro satellites for civil use, many of them quit their jobs at state-owned institutes to join the Jiading-based company.

Cleaner water after treatment projects

Staff Reporters

THE renovation and upgrading of three sewage treatment plants in Jiading will be completed by the end of this year, when 300,000 tons of sewage in district will be purified daily under higher standards.

A total of 750 million yuan (US\$112.4 million) is being invested to upgrade the Dazhong, Xincheng and Anting plants. The treated water quality is expected to reach level A and above after the project is finished.

In addition, an underground Nanxiang

Sewage Treatment Plant, costing 1.4 billion yuan, will be built by the end of this year. The four plants will be able to treat a maximum of 675,000 tons of sewage in total.

The ability to reduce the ammonia and nitrogen content in water is crucial to the upgraded plants.

Ammonia and nitrogen content can have a fatal effect on water quality. Eutrophication caused by ammonia and nitrogen will speed up growth of algae, which will use up oxygen in the water and lead to the death of fish and other water creatures. Their bodies

will affect water quality.

The Dazhong and Xincheng plants underwent upgrading in 2015.

"The water looked clearer after the first upgrade project, but it still contained high density of ammonia, nitrogen, phosphorus and some organics," said Ye Shuntao, chief engineer at the Dazhong plant.

"After the upgrade, our plant will be just like a street garden," said Yang Weibiao, Dazhong's general manager. "We also plan to build a pond to raise fish and shrimp to show the effect after the treatment."



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CULTURE

Jiading's Diplomats

Several of China's most famous diplomats hail from Jiading and their stories are the story of China. When Gu Weijun greeted visitors in the US, he always had one question: "Have you been to my hometown Jiading?" **Page 4-5**



PEOPLE

Art Of The Street

Hundreds of years ago, "Along the River During the Qingming Festival" showed people how the festival was celebrated. A Jiangqiao version depicting Jiangqiao Old Street in the 1950s has become popular. **Page 8**



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