

## 2023 China Auto Software Conference held in Jiading

Li Huacheng and Li Xinran

THE 2023 China Auto Software Conference was held in Jiading on November 3, with a range of activities including forums and launch events.

More than 500 industry representatives participated in the conference, where they shared their thoughts on the innovative development of automotive software technology, and the latest achievements in software innovation.

Experts attending the conference believed that intelligent connected vehicles will enter a new stage of development, and automotive software will also bring unprecedented value.

"The speed of cars will experience the same leap as the high-speed railway," said Zhong Zhihua, member and vice president of the Chinese Academy of Engineering.

Zhong said that vehicle-road collaboration requires interaction between hardware and software. From the perspective of the development trend of the entire automotive industry, it is necessary to work on eight aspects to achieve innovative leaps, including new functions, new energy, new materials, new equipment and new models.

The digital economy has become an engine for global economic development, as the global trend of economic digitization is becoming increasingly evident, and the traditional automotive industry is accelerating its transformation toward digitization, according to experts.

As the concept of "software defining autos" becomes more accepted, demand for self-developed operating systems have been growing rapidly among industry players.

# Milestone openings of medical device and eSports parks

Staff Reporters

A MEDICAL industrial park in Jiangqiao Town and an eSports park in Nanxiang Town were inaugurated on November 8, indicating significant development in the suburban Jiading District.

The Hongqiao International Innovative Medical Industrial Park has a total construction area of 70,000 square meters.

As planned, it will provide support and services in technology research and development, purification workshops, public experimental platforms, public sterilization platforms, industry resources, CRO (Contract Research Organization) registration resources, policy and capital matchmaking, administrative logistics, and other aspects for settled enterprises, promoting the growth of startup enterprises and creating innovative medical device transformation and incubation platforms.

"Open surgery was the main clinical surgical method 30 years ago," said Li Xin, general manager of Shanghai Yingtai Purun Medical Device Co Ltd, an enterprise in the park. "Over the past 10 or 20 years, we have entered an era of intervention where a single catheter can solve many problems.

"We have always believed that the next 10 to 20 years will be a non-invasive era. Therefore, we are now focusing on non-invasive and innovative medical device research and development."

The park provides a comprehensive engineering transformation platform for enterprises, assisting products to roll off the production line.

"The products we are currently producing are all original, which provides us with the opportunity to engage in the cross cooperation with clinical doctors. This platform can help us to further develop and



The Windfun Digital Park in Nanxiang Town — Wan Yue and Chen Chen

improve our products based on the feedback and suggestions from clinical doctors," Li said.

"We expect the new product to be launched in 2026 or 2027, which is six months, or a year, ahead of the original schedule."

In a separate move, an eSports park opened in Nanxiang Town on the same day.

The Windfun Digital Park, the key part of the Nanxiang Game Valley, comprises two office buildings as well as a podium, with a total construction area of around 28,000 square meters, including some 23,000 square meters of offices.

In recent years, Nanxiang has been sharpening its competitive edges in the gaming industry. Some 1,500 gaming enterprises have settled in the town, with its local gaming industry output already accounting for one-quarter of the city's total.

Nanxiang plans to achieve a total industrial output of 80 billion yuan (US\$11.2 billion) and increase its number of gaming and animation enterprises to 1,800 by 2025, and 240 billion yuan and 3,000 firms by 2035.

The Hongqiao International Innovative Medical Industrial Park in Jiangqiao Town — Li Huacheng



## Innovation fair boosts Yangtze tech development

Staff Reporters

THE 6th edition of the Scientific Technology Fair for the Yangtze River Delta Region took place in Jiading District between November 15 and 17 to promote the high-quality development of science and technology innovation in the region.

The fair at the Shanghai Automobile Exhibition Center covers more than 10,000 square meters and consists of five exhibition sections, focusing on the cooperation of the Yangtze River Delta region, industrial digital transformation, the "new

four modernizations" of automobiles (electrification, IoT, intellectualization, and sharing), health and medical treatment, and technology trade in the delta region.

The fair brought together representatives from governments, scholars and experts from universities and scientific research institutions, and industry insiders from 41 cities in the region.

Benchmark intelligent plants in the region, industrial Internet platforms, new-energy intelligent connected vehicles and minimally invasive implant intervention instruments were

all showcased at the event, while several large projects were confirmed.

Among these, an intelligent medical science information technology research institute is set to locate in the district.

Jointly developed by the National Innovation Center par Excellence (NICE) and Jiading District government, it will mainly involve key technology in medical science, artificial intelligence and information fields. It will also conduct industrial technological application research.

Gathering top talent in medical science, it is planned to turn the district

into a magnet for high-level talent and high-tech enterprises in medical artificial intelligence and information technology.

Another two big projects, concerning road integrated intelligent connection terminals and industrialization of MEMS piezoelectric ultrasonic sensing technology, will also settle in the district after agreements were signed.

Over the past five years, nearly 200 activities like forums and road shows were held during the fair, and the technical transaction amount surpassed 770 million yuan (US\$108 million).