

Forum sets stage for auto industry to speed up growth

Yu Chao and Shi Jingyuan

THE 2022 China Auto Forum, hosted by the China Association of Automobile Manufacturers (CAAM), was held in Jiading District on November 8 to 10, with the theme of "Gathering Strength for Stability, Building Momentum for a New Journey."

Government officials, economists, entrepreneurs, scientists, experts and scholars from all over the world jointly explored the overall plan for the stable development of the industry, and carried out multi-dimensional and in-depth exchanges and discussions on common issues in the development of the global automotive industry at the forum.

Huang Zhen, academican of the Chinese Academy of Engineering; Pedro Gomez, head of Shaping the Future of Mobility, member of the Executive Committee at the World Economic Forum; John Bozzella, president and CEO of the Alliance for Automotive Innovation; Luo Junjie, executive vice president of the China Machinery Industry Federation; and other experts delivered keynote speeches on topics such as "Energy Change and Automotive Fuel Development under the Carbon Neutral Vision" and "Shaping a New Future for Travel."

Lu Fangzhou, Party secretary of Jiading, and Fu Bingfeng, CAAM executive vice president, jointly announced the launch of the association's Intelligent Connected Vehicles Branch at the forum.

Meanwhile, the Jiading Hydrogen Energy and Fuel Cell Vehicle Industry Alliance was unveiled at the subforum, "Seeking Hydrogen Energy and High Quality Development of Auto Industry."



The 2022 China Auto Forum aims to promote the steady development of the world auto industry while boosting China's auto sector. — Yu Chao

More than 20 companies in the suburban district have joined the alliance, including Shanghai Hydrogen Propulsion Technology Co, REFIRE Technology Co and Shanghai Jiping New Energy Technology Co.

The alliance aims to promote the coordinated development of the hydrogen and fuel cell vehicle industries in the district. Its main tasks include policy and strategic research, research and development of key common technologies, expansion and enrichment of demonstration applications, supply and demand cooperation in the industrial chain, academic exchanges, and the gathering of industrial talent.

As one of the earliest regions in the city to lay out the development of the hydrogen energy and fuel cell vehicle industry, Jiading has initially formed a leading industrial ecology. The Jiading Hydrogen Park and New Energy Park now boast more than

100 related enterprises, including 20 leading companies.

Six hydrogen refueling stations have been built in the district. And a batch of demonstration application scenarios of fuel cell vehicles, such as public transportation and logistics distribution, has been launched. As of August this year, a total of 1,380 fuel cell vehicles had been put into use, with 32.68 million kilometers of safe operation mileage, accounting for 89 percent of the city.

In the future, Jiading will further optimize the industrial ecology. By 2025, the total output of the district's hydrogen energy and fuel cell vehicles is expected to exceed 100 billion yuan (US\$14.12 billion). Eighteen public hydrogen refueling stations will be built in Jiading, with more than 3,500 fuel cell demonstration vehicles to be operated.

Delta fair promotes R&D and production of local tech

Wang Jiajun and Li Xinran

THE two-day 5th Science and Technology Fair for Yangtze River Delta Region closed on November 17, registering a total trading volume of 320 million yuan (US\$44.7 million) according to its organizer.

Shanghai Diview Technology Co Ltd, which attended the fair for the first time, is a high-tech enterprise integrating product design, research and development, production, sales and installation services.

The LED display, high-definition video image equipment and other products brought to the fair this time have won the favor of many visitors.

"On the first day, we concluded two orders and reached cooperation intentions with more than 10 enterprises," said Zhang Hengkai, sales director of Diview Technology.

There are many enterprises benefiting from the annual event.

Juzhi (Suzhou) Nanotechnology Co Ltd, which is engaged in the R&D and production of nano-materials, brought more than 50 new materials and back-end application products to the fair.

"In the past two days, some old customers have reached new deals with us, and we have also made many new friends. We have reached cooperation agreements with more than 10 enterprises, three of which are Jiading-based firms," said Xu Rong, chief operating officer of Juzhi.

This year, more than 100 enterprises participated in the fair during which more than 50 activities, including professional forums, roadshows, and training sessions, were held.

Shanghai opens first autonomous driving roads

Zhu Yuting

A 21.5-KILOMETER-LONG section of the G1503 Shanghai Ring Expressway and 19.5 kilometers of the G2 Beijing-Shanghai Highway in Jiading District, along with the 303 in-district roads totaling 500.6 kilometers, started to welcome self-driving cars earlier this month as the city announced its first batch of roads for autonomous driving.

On the open roads, driverless cars can automatically alter their speed and

direction, based on artificial intelligence technologies and module analysis, and transport people along pre-determined routes.

The move is part of the city's plan to develop an intelligent-linked transport system.

With automobile its key industry, Jiading has been striving to build a demonstration area for unpiloted driving in its Anting Town for years. A driverless demonstration and experience zone at the Anting Shanghai International Auto City was

set up earlier last month, indicating that the era of genuine driverless cars has arrived.

Along with launching the unpiloted roads, Shanghai also released its measures and guidance for further development of the intelligent-linked transportation system in the next three years through 2025.

According to the documents, the city is to create a smarter automobile industry with an intelligent operating system and an information exchange platform by using



Driverless vehicles are seen moving along the open roads for autonomous driving in Jiading. — Hu Xindong

advanced telecommunication technologies.

Drivers or driving lovers in Shanghai are expected to enjoy more intelligent and convenient driving experience in the near future.

By 2025, Shanghai will have more than 800 kilometers of intelligent expressways and roads and 500-plus smart road junctions, as well as more than 100 smart public parking lots.