

NEWSLETTER

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Zhongguancun Developing Complete Chain for Embodied Robot Production

Beijing's Zhongguancun (Haidian) Embodied Intelligent Innovation Industrial Park is developing a complete embodied robotics supply chain, integrating R&D, testing and commercialization. The 254,000-square-meter park hosts startups, universities and research institutes, supporting applications ranging from healthcare and manufacturing to logistics, while accelerating robot training and industrial collaboration. (**China Daily**)

International Fair in Shanghai Sees Launch of Latest Innovations and Technologies

The China (Shanghai) International Technology Fair (11-13 June) showcased new technologies and products from more than 1,000 exhibitors. Highlights included industrial humanoid robots, security robots and AI-powered smart-home applications. The three-day event featured participants from 22 countries and regions, reinforcing Shanghai's role as a hub for technology innovation and international cooperation. (**China Daily**)

Tianjin Boosts Status as BCI Powerhouse

Tianjin has launched a dedicated brain-computer interface (BCI) industrial cluster and plans to cultivate 50 innovative enterprises by 2027. The city aims to expand BCI applications in healthcare, education and manufacturing, while building an industrial fund exceeding 10 billion yuan (about \$1.48 billion) by 2030. Local companies are already commercializing BCI technologies for rehabilitation and medical treatment. (**China Daily**)

AI Boom Drives Demand for Semiconductor Gases

Rising demand for AI and advanced chips has fueled shortages of electronic specialty gases, often called the "blood" of the semiconductor industry. Key products such as tungsten hexafluoride and helium have seen strong price increases, while manufacturers report surging orders and full-capacity production. Companies are also investing in advanced materials to support next-generation chipmaking. (**CCTV**)

China Achieves Breakthrough in Ultra-Pure Silicon Production

Chinese scientists have achieved mass production of silicon-28 with a purity exceeding 99.99%, a key material for silicon-based quantum chips. The breakthrough reduces noise interference in quantum computing and has potential applications in advanced semiconductors, high-precision navigation systems and measurement standards, strengthening China's capabilities in strategic high-tech industries. (**CCTV**)