

NEWSLETTER
HI-TECH & INNOVATION
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Robots, AI and high-tech innovations in action at China's National Games

Humanoid robots, robotic dogs and unmanned patrol boats took center stage at China's 15th National Games (9-21 November), supporting medal ceremonies, javelin transport, venue patrols and water-race safety. Over 130 high-tech products were deployed across the Guangdong-Hong Kong-Macao Greater Bay Area. Organizers say the event became a testbed accelerating applications of robotics and artificial intelligence. ([Xinhua](#))

China's neutron spectrometer clears acceptance review

China's first high-energy direct-geometry inelastic neutron scattering time-of-flight spectrometer has passed acceptance review, Sun Yat-sen University said. The device captures microscopic structures and ultrafast atomic motions with picosecond resolution, using high-penetration neutrons to detect internal dynamics. It will support research in superconductivity, quantum magnetism, ion diffusion and related fields. ([Xinhua](#))

Bayer opens first innovation center in China

Bayer has opened its first innovation center in China, located in Beijing's E-Town, as part of its "in China, for Global" strategy. The center will incubate biopharma startups, support globalizing China-developed drugs, and deepen partnerships with academic and clinical institutions. Bayer executives said China's strong innovation ecosystem, data science capabilities and supportive policies make it a key hub for global pharmaceutical R&D. ([People's Daily](#))

China Hi-Tech Fair sees 170b yuan in intended deals

The 27th China Hi-Tech Fair (14-16 November) in Shenzhen closed with 1,023 projects and intended deals exceeding 170 billion yuan (\$24 billion). The three-day event drew over 5,000 exhibitors from 100+ countries and more than 450,000 visitors. Showcasing 5,000 new products and technologies across 22 themed areas, the fair highlighted advances in AI, robotics, major equipment, consumer electronics and commercial aerospace. ([Xinhua](#))

Unmanned business models meet diverse consumer needs

China's unmanned retail sector is expanding as automated convenience stores, self-service gyms, study rooms and cafés offer low costs and 24-hour access. The market is projected to exceed 50 billion yuan (about 7.04 billion United States dollars) in 2025. Using access systems, cameras and AI tools, operators track purchases and optimize restocking. Experts say AI integration boosts efficiency and enables flexible micro-store formats. ([People's Daily Online](#))