

NEWSLETTER

HI-TECH & INNOVATION

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Huawei unveils its first humanoid robot powered by HarmonyOS

Huawei unveiled “Kuafu,” the first humanoid robot built on open-source HarmonyOS. Standing 1.7 meters tall and weighing about 50 kilograms, Kuafu can walk, jump, and perform complex tasks. Already deployed in manufacturing and services, it marks a major step in Huawei’s robotics strategy, integrating AI, sensors, and automotive technologies for intelligent collaboration. **(DSB)**

Smart gadgets making life easier for households

Smart home and service robots are increasingly used in Chinese households and public spaces, highlighting rapid growth in intelligent manufacturing. At the 138th Canton Fair (15 October-4 November), Chinese exhibitors reported strong overseas demand and rising export orders. The global service robot market reached \$54.5 billion in 2024, with an expected annual growth rate of 15% over the next decade. **(China Daily)**

China's LAMOST achieves breakthroughs in key domestic technologies

China’s Large Sky Area Multi-Object Fiber Spectroscopic Telescope (LAMOST) released 28.07 million spectra and 11.59 million stellar parameters, remaining the world’s top astronomical data source. Researchers localized core technologies, including broadband optical fibers and displacement actuators, boosting efficiency by 20%. Over 1,800 users from 300 institutions have accessed its data globally. **(People’s Daily)**

Chinese, European scientists meet in Germany to explore ways to deepen sci-tech cooperation

The Second China-Europe Scientists Forum (1-2 November) in Heidelberg gathered hundreds of scientists and scholars to discuss AI, ICT transformation, new energy, and sustainability. Participants highlighted shifting roles of Chinese researchers from “followers” to “contributors.” Officials called for deeper collaboration in AI, biomedicine, and climate change, emphasizing joint innovation to tackle global challenges. **(People’s Daily)**

China achieves thorium-uranium nuclear fuel conversion in molten-salt reactor

China achieved the world’s first thorium-to-uranium fuel conversion in a thorium molten-salt reactor (TMSR), confirming the feasibility of thorium utilization, according to the Shanghai Institute of Applied Physics. The reactor, using domestically developed technology, marks a milestone in advanced nuclear energy. China plans to build a 100-megawatt demonstration project by 2035, advancing clean, low-carbon energy integration. **(Xinhua)**