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NEWSLETTER

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Scientists predict new ultrastable 2D materials for fast-charging, long-lasting batteries
Researchers from Tianjin University and global partners have predicted new ultrastable two-dimensional telluride materials that could enhance lithium- and sodium-ion batteries. Simulations show the materials enable faster charging, higher capacity, and longer lifespan while maintaining stability at up to 227°C, supporting applications in electric vehicles and large-scale energy storage. (**People’s Daily**)

China’s first robot debate showcases surprising language and logic skills
China held its first robot debate competition in Beijing, where 14 teams’ humanoid robots showcased rapid progress in language understanding, logic, and real-time interaction. The Xiaonuo Robotics team won the final round debating “Will robots rule over humans?” Experts said such contests accelerate innovation in AI speech, reasoning, and emotion recognition—key for future educational and service robots. (**Global Times**)

China's major smart agricultural drone maker unveils next-gen products
A new generation of agricultural drones, smart farm IoT devices, and auto-pilot consoles was unveiled at a recent tech conference in Guangzhou, highlighting advances in intelligent and sustainable farming. The new technologies aim to enhance climate-resilient agriculture through precision spraying, irrigation, and monitoring, improving efficiency and adaptability in modern crop production. (**China Daily**)

Technological innovation drawing foreign investors
Foreign investors are increasing exposure to China as technological innovation strengthens economic momentum. Overseas institutions now hold over 3.5 trillion yuan ($492 billion) in A-share equities, while technology firms account for over one-fourth of market value. With most new listings coming from the tech sector, experts expect sustained foreign inflows into China’s capital market. (**China Daily**)

Humanoid robots hit the mall in China's latest tech push
A new humanoid-robot store has opened in Wuhan, showcasing over 70 products and supporting training and education as the city accelerates robotics development. Wuhan plans a 1-billion-yuan ($141 million) industrial fund and aims to build a 100-billion-yuan ($14.1 billion) humanoid-robot cluster by 2027. China’s broader robot retail boom reflects rising adoption, with forecasts projecting over 100 million humanoid robots by 2045. (**People’s Daily**)