

Lifelike robots and android dogs wow visitors at Beijing robotics fair

August 18 2023



A human-like robot performs near robots of faces that mimic human expressions during the annual World Robot Conference at the Etrong International Exhibition and Convention Center on the outskirts of Beijing, Thursday, Aug. 17, 2023. Credit: AP Photo/Andy Wong

Winking, grimacing or nodding their heads, robots mimicked the

expressions of visitors at a robot expo in Beijing.

They were among the creations dazzling people attending the annual World Robot Conference, where companies [showed off robots](#) designed for a wide range of uses, including manufacturing, surgery and companionship.

The animatronic heads and [humanoid robots](#) on display at the EX Robots booth this week personified the image of what robots are supposed to be in the popular imagination, with synthetic skin and lifelike facial expressions complimented by moving [arms](#) and hands.

CEO Li Boyang said they're ideal for roles that require interacting with the public, such as in museums, [tourist attractions](#), school settings and "companion scenarios."

Doggie droids—a mainstay of high tech fairs—were out in force. Canine robots shook hands with fairgoers and performed handstands on their front paws.

Elsewhere at the fair, robotic arms served Chinese tea, prepared ice cream cones, bounced ping pong balls and gave visitors back massages.

Harvesting robots demonstrated how they could pick apples off the branch, while an artist robot drew portraits of visitors.

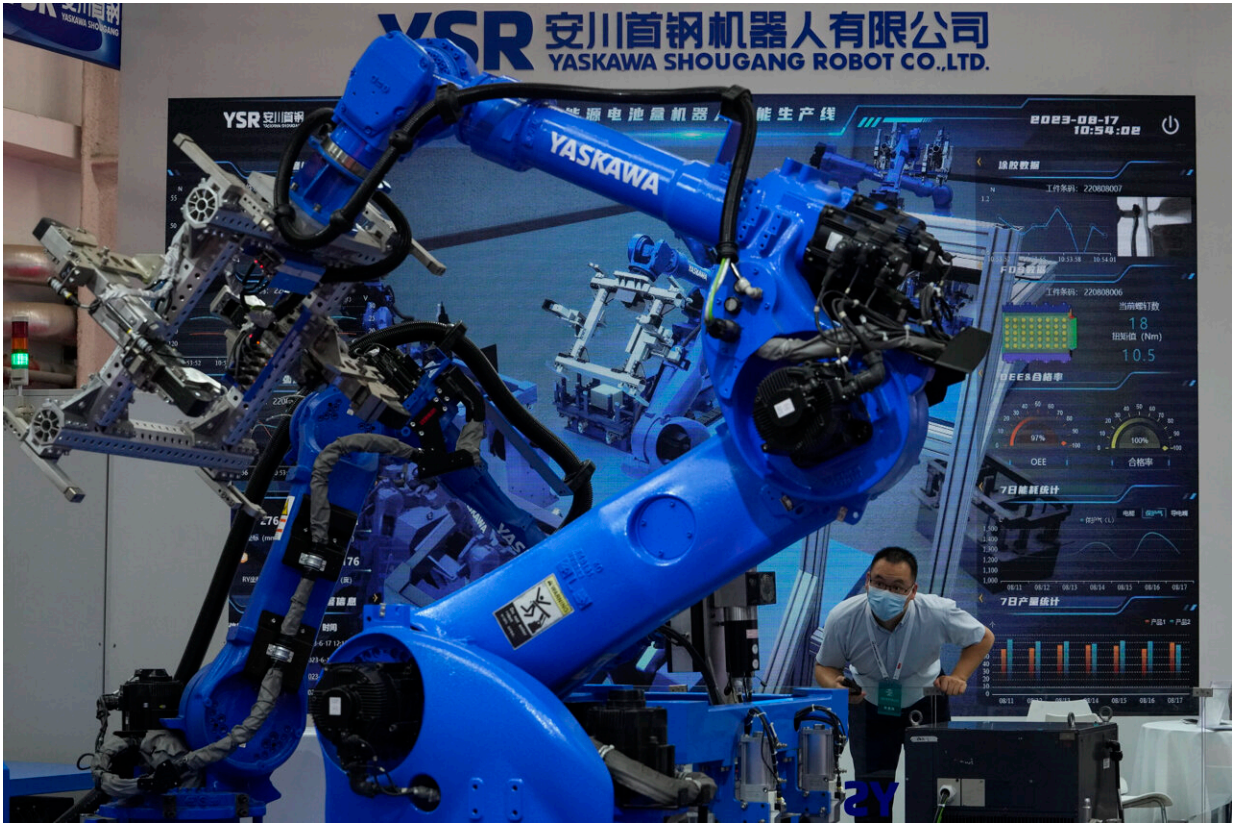
Industrial robot arms for factory production lines also grabbed focus. One of Chinese leader Xi Jinping's goals is to move the country's vast [manufacturing](#) sector away from low-cost creation of cheap goods into more high-tech production, and industrial robots will be an important element of that plan.



A worker charges robots displayed at the annual World Robot Conference at the Beijing Etrong International Exhibition and Convention Center in Beijing, Wednesday, Aug. 16, 2023. Credit: AP Photo/Ng Han Guan



Visitors watch human-like robots and robotic faces that mimic human expressions during the annual World Robot Conference at the Etrong International Exhibition and Convention Center on the outskirts of Beijing, Thursday, Aug. 17, 2023. Credit: AP Photo/Andy Wong



A man looks at the industrial robotic arms from Yaskawa Shougang Robot Co. Ltd on display at the annual World Robot Conference at the Etrong International Exhibition and Convention Center on the outskirts of Beijing, Thursday, Aug. 17, 2023. Credit: AP Photo/Andy Wong



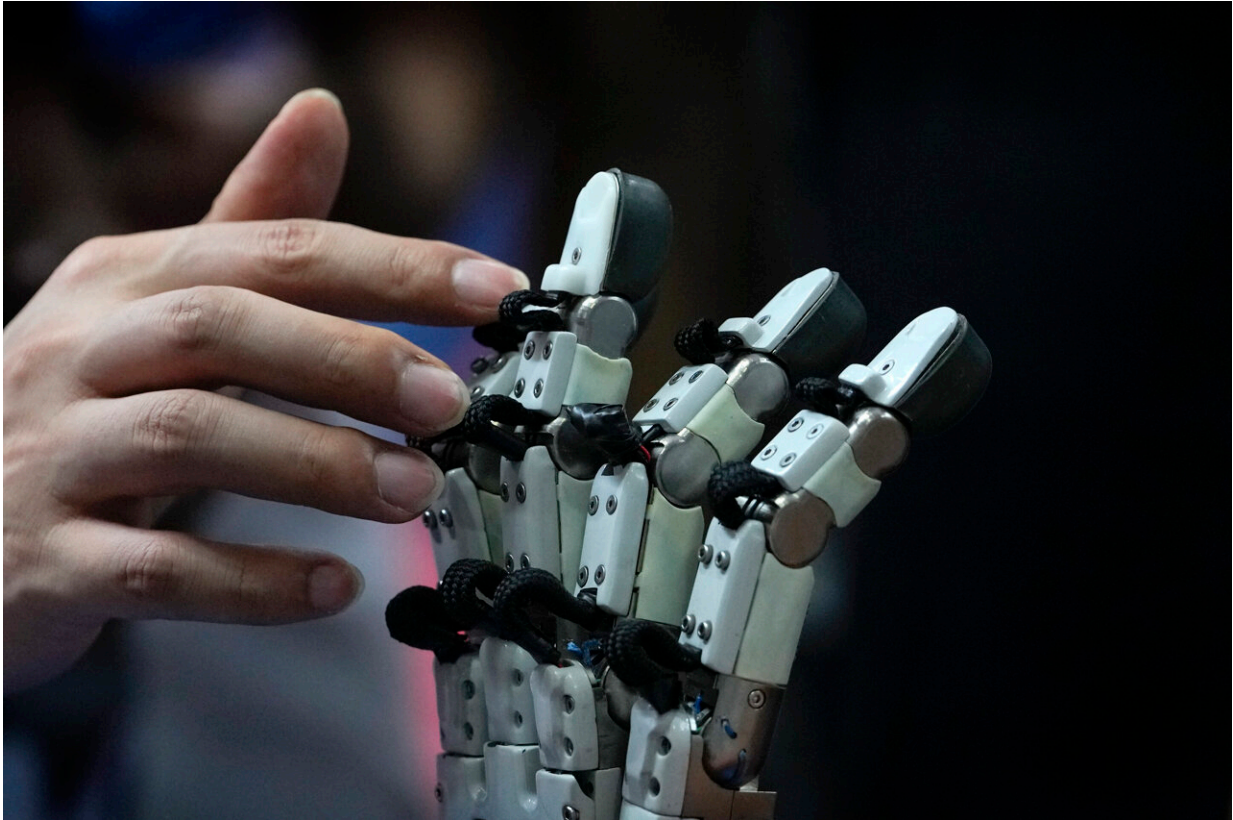
Visitors watch a robotic arm playing a table tennis ball during the annual World Robot Conference at the Etrong International Exhibition and Convention Center on the outskirts of Beijing, Thursday, Aug. 17, 2023. Credit: AP Photo/Andy Wong



An exhibitor watches a visitor receiving a massage by a robotic arm during the annual World Robot Conference at the Etrong International Exhibition and Convention Center on the outskirts of Beijing, Thursday, Aug. 17, 2023. Credit: AP Photo/Andy Wong



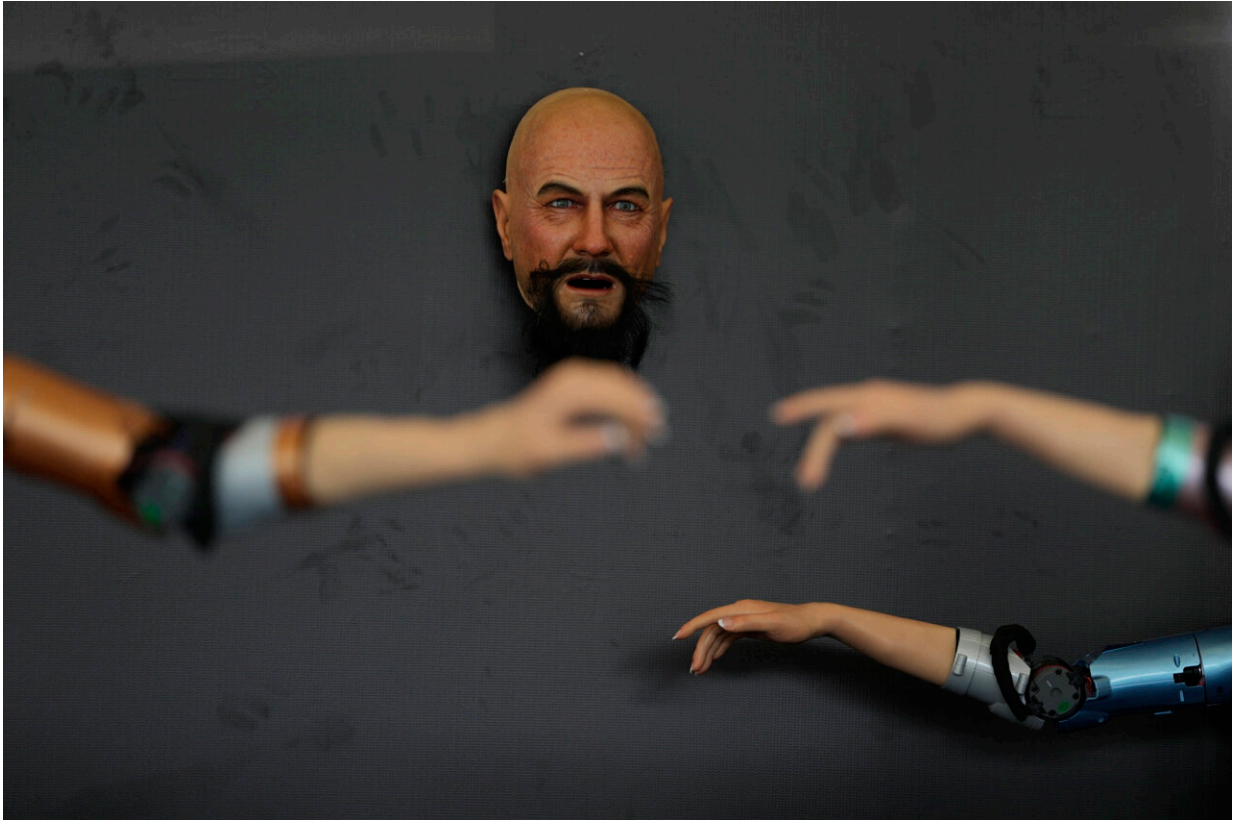
Visitors look at the remote control robots perform during the annual World Robot Conference at the Etrong International Exhibition and Convention Center on the outskirts of Beijing, Thursday, Aug. 17, 2023. Credit: AP Photo/Andy Wong



A visitor touches robotic fingers during the annual World Robot Conference at the Etrong International Exhibition and Convention Center on the outskirts of Beijing, Thursday, Aug. 17, 2023. Credit: AP Photo/Andy Wong



Visitors look at robots perform on stage during the annual World Robot Conference at the Etrong International Exhibition and Convention Center on the outskirts of Beijing, Thursday, Aug. 17, 2023. Credit: AP Photo/Andy Wong



A robot face capable of mimicking human like expressions is displayed near robotic arms at the annual World Robot Conference at the Beijing Etrong International Exhibition and Convention Center in Beijing, Wednesday, Aug. 16, 2023. Credit: AP Photo/Ng Han Guan



An exhibitor teaches a visitor to control a robotic arm during the annual World Robot Conference at the Etrong International Exhibition and Convention Center on the outskirts of Beijing, Thursday, Aug. 17, 2023. Credit: AP Photo/Andy Wong



Visitors look at a robotic arm performs a Chinese tea serving during the annual World Robot Conference at the Etrong International Exhibition and Convention Center on the outskirts of Beijing, Thursday, Aug. 17, 2023. Credit: AP Photo/Andy Wong



A woman poses in front of a six arm robot at the annual World Robot Conference at the Beijing Etrong International Exhibition and Convention Center in Beijing, Wednesday, Aug. 16, 2023. Credit: AP Photo/Ng Han Guan



Visitors look at robot palms during the annual World Robot Conference at the Etrong International Exhibition and Convention Center on the outskirts of Beijing, Thursday, Aug. 17, 2023. Credit: AP Photo/Andy Wong



Children gather to watch a robotic arm perform ice cream serving during the annual World Robot Conference at the Etrong International Exhibition and Convention Center on the outskirts of Beijing, Thursday, Aug. 17, 2023. Credit: AP Photo/Andy Wong



Visitors look at remotely controled robots perform a jump during the annual World Robot Conference at the Etrong International Exhibition and Convention Center on the outskirts of Beijing, Thursday, Aug. 17, 2023. Credit: AP Photo/Andy Wong



A device for scanning the human brain to help diagnose mental afflictions is displayed at the annual World Robot Conference at the Beijing Etrong International Exhibition and Convention Center in Beijing, Wednesday, Aug. 16, 2023. Credit: AP Photo/Ng Han Guan



An exhibitor walks with his robot passing by visitors during the annual World Robot Conference at the Etrong International Exhibition and Convention Center on the outskirts of Beijing, Thursday, Aug. 17, 2023. Credit: AP Photo/Andy Wong



Visitors look at a remote control robot perform a walk during the annual World Robot Conference at the Etrong International Exhibition and Convention Center on the outskirts of Beijing, Thursday, Aug. 17, 2023. Credit: AP Photo/Andy Wong



A panda shaped robot demonstrates its ability to grab a can of soda at the annual World Robot Conference at the Beijing Etrong International Exhibition and Convention Center in Beijing, Wednesday, Aug. 16, 2023. Credit: AP Photo/Ng Han Guan



Robotic arms perform near a robotic face capable of mimicking human-like expressions during the annual World Robot Conference at the Etrong International Exhibition and Convention Center on the outskirts of Beijing, Thursday, Aug. 17, 2023. Credit: AP Photo/Andy Wong



A human like cyborg and an image of a robot dog is displayed at the Xiaomi booth at the annual World Robot Conference at the Beijing Etrong International Exhibition and Convention Center in Beijing, Wednesday, Aug. 16, 2023.
Credit: AP Photo/Ng Han Guan



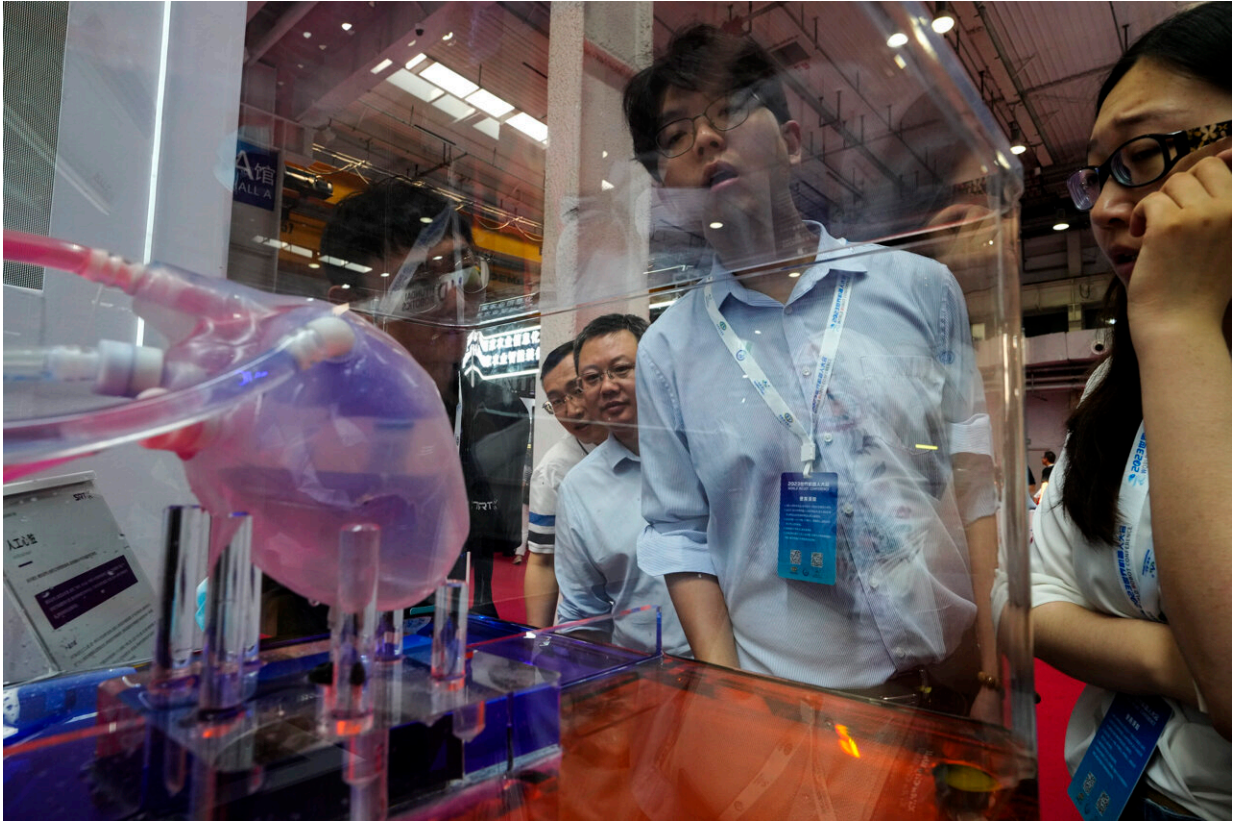
A robot receptionist with a screen showing Chinese President Xi Jinping is displayed at the annual World Robot Conference at the Beijing Etrong International Exhibition and Convention Center, Wednesday, Aug. 16, 2023. Credit: AP Photo/Ng Han Guan



Visitors look at an exhibitor showcasing a walking robot during the annual World Robot Conference at the Etrong International Exhibition and Convention Center on the outskirts of Beijing, Thursday, Aug. 17, 2023. Credit: AP Photo/Andy Wong



Visitors look at a robotic arm performs a Chinese tea serving during the annual World Robot Conference at the Etrong International Exhibition and Convention Center on the outskirts of Beijing, Thursday, Aug. 17, 2023. Credit: AP Photo/Andy Wong



Visitors take a close look at an artificial heart during the annual World Robot Conference at the Etrong International Exhibition and Convention Center on the outskirts of Beijing, Thursday, Aug. 17, 2023. Credit: AP Photo/Andy Wong



Children watch a 2-wheel robot perform at the annual World Robot Conference at the Etrong International Exhibition and Convention Center on the outskirts of Beijing, Thursday, Aug. 17, 2023. Credit: AP Photo/Andy Wong



An exhibitor walks with his robot passing by visitors during the annual World Robot Conference at the Etrong International Exhibition and Convention Center on the outskirts of Beijing, Thursday, Aug. 17, 2023. Credit: AP Photo/Andy Wong



A panda shaped robot is prepared for a demonstration at the annual World Robot Conference at the Beijing Etrong International Exhibition and Convention Center in Beijing, Wednesday, Aug. 16, 2023. Credit: AP Photo/Ng Han Guan



A man tests a device that uses brain activities and virtual reality to control other machines at the annual World Robot Conference at the Beijing Etrong International Exhibition and Convention Center, Wednesday, Aug. 16, 2023. Credit: AP Photo/Ng Han Guan



A worker stands next to apples harvesting robot displayed at the annual World Robot Conference held at the Beijing Etrong International Exhibition and Convention Center, Wednesday, Aug. 16, 2023. Credit: AP Photo/Ng Han Guan



Visitors record a robot that can draw portraits for them at the annual World Robot Conference at the Beijing Etrong International Exhibition and Convention Center, Wednesday, Aug. 16, 2023. Credit: AP Photo/Ng Han Guan



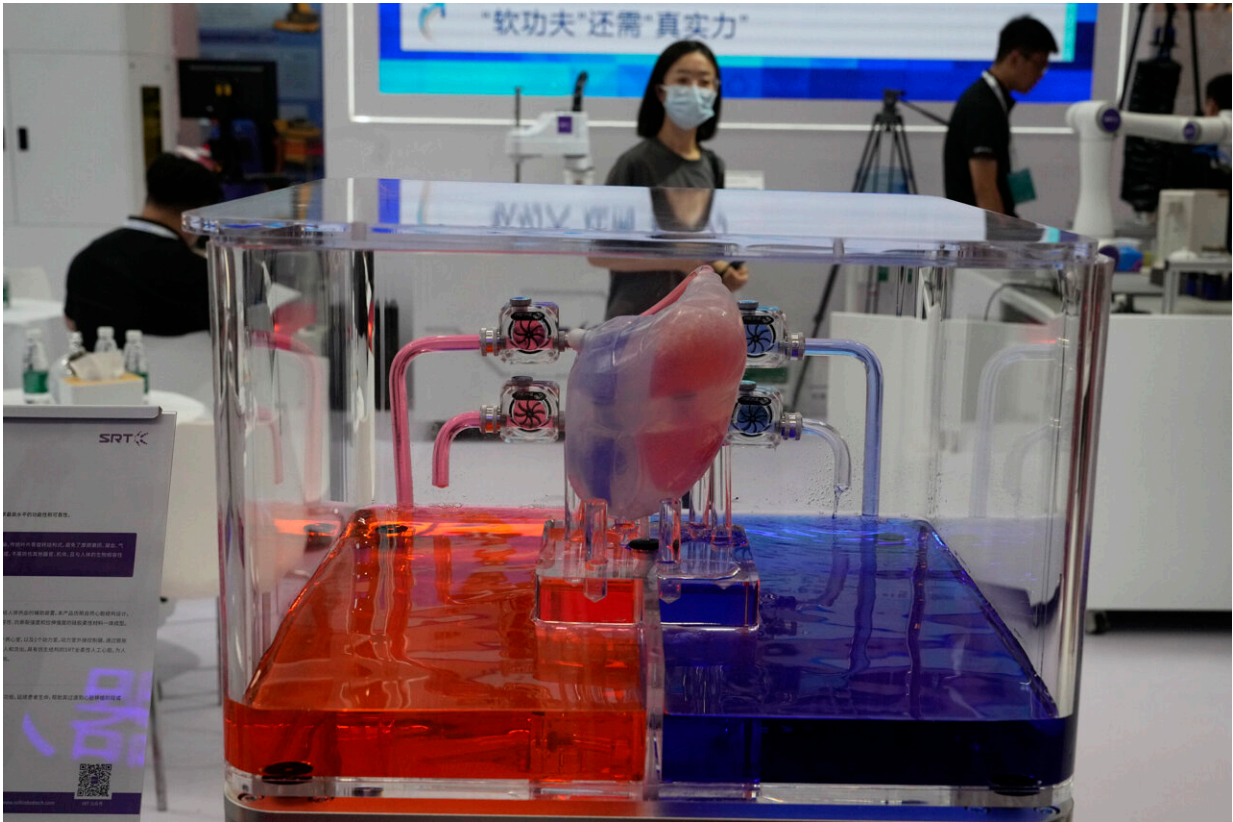
Workers sit near images of robotic arms from Estun a Chinese manufacturer of industrial robots at the annual World Robot Conference at the Beijing Etrong International Exhibition and Convention Center, Wednesday, Aug. 16, 2023. Credit: AP Photo/Ng Han Guan



A man prepares to demonstrate a robot capable of walking on two limbs at the annual World Robot Conference at the Beijing Etrong International Exhibition and Convention Center, Wednesday, Aug. 16, 2023. Credit: AP Photo/Ng Han Guan



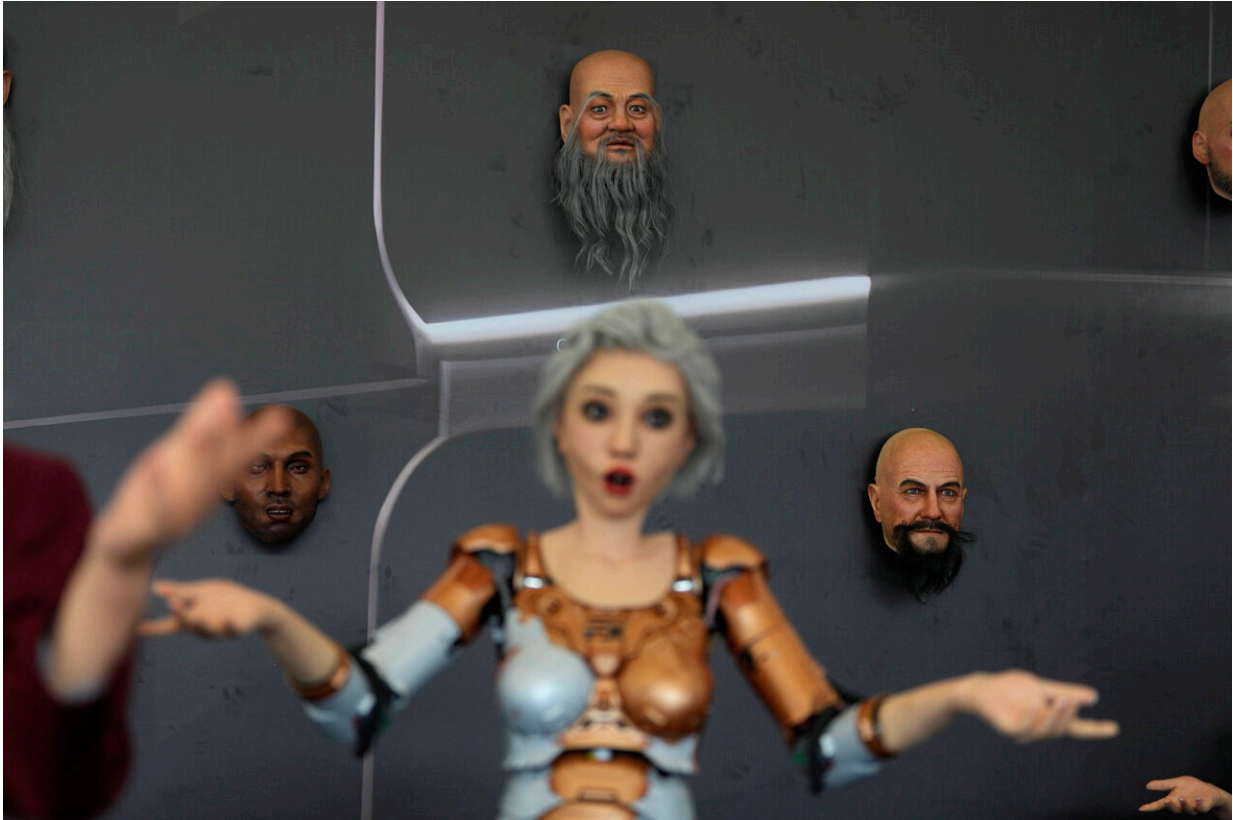
A woman pushes robots around at the annual World Robot Conference at the Beijing Etrong International Exhibition and Convention Center, Wednesday, Aug. 16, 2023. Credit: AP Photo/Ng Han Guan



An artificial heart is displayed at the annual World Robot Conference at the Beijing Etrong International Exhibition and Convention Center on Wednesday, Aug. 16, 2023. Credit: AP Photo/Ng Han Guan



Workers demonstrate a giant robot at the annual World Robot Conference at the Beijing Etrong International Exhibition and Convention Center, Wednesday, Aug. 16, 2023. Credit: AP Photo/Ng Han Guan



Human like robots and robotic faces that mimic human expressions are displayed at the annual World Robot Conference at the Beijing Etrong International Exhibition and Convention Center in Beijing, Wednesday, Aug. 16, 2023. Credit: AP Photo/Ng Han Guan

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