

NASA's spacecraft is about to bring the names of more than 11 million people to Mars

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In September 2019, the US Space Agency came up with an extremely unique idea called 'Send Your Name to Mars', which encouraged astronomy lovers around the world to send their names. to NASA, the agency will list and engrave their names on silicon chips used on equipment that NASA will send to the Red Planet through the "Mars 2020" project.

Up to now, NASA has received a total of 10.9 million names, equivalent to 10.9 million people will be engraved names on the chips sent to Mars by spacecraft later this year. Specifically, NASA will use electronic beam to print registered names on a chip with characters smaller than 1 / 1,000 width of the hair. The chip is about the size of a penny, and holds about 1 million names.



These chips are used on the Perseverance rover, a self-propelled robot that will take on the task of exploring, collecting all the necessary information about the surface of Mars and sending it to Earth. Specifically, according to NASA, after a successful landing on Mars, 'Perseverance will study the cosmologically appropriate ancient environment on Mars, studying surface geological processes and the history of oceans, chimpanzees, including assessments of livability, past life on Mars, and biological conservation potential within accessible material '.

To carry out the complex task, Perseverance is equipped with flexible moving wheel systems to help overcome any difficult terrain when needed. In addition, it will carry seven special scientific instruments to study the Martian surface at Jezero crater, a total of 23 cameras and 2 microphones. Perseverance will also be accompanied by the Mars Helicopter Mars Helicopter, helping maneuver to explore new research sites.



According to the plan, Perseverance will be launched on Mars next July on the Atlas V.

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