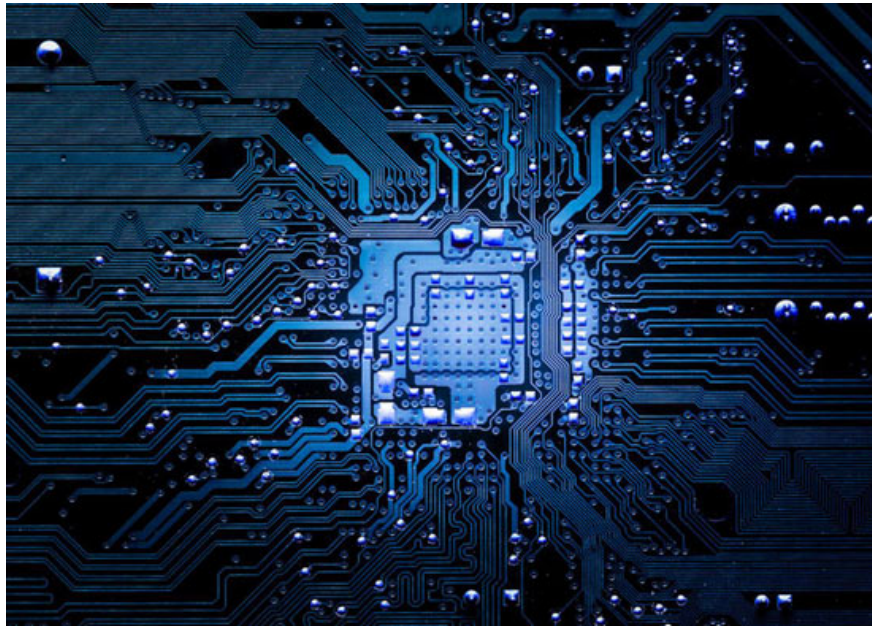


For the first time, scientists have successfully implemented quantum shifts between two chips

Scientists are able to successfully quantum transition for the first time between two computer chips. This means that scientists were able to pass information between two chips through the air in the laboratory by taking advantage of quantum entanglement without the need for wires.

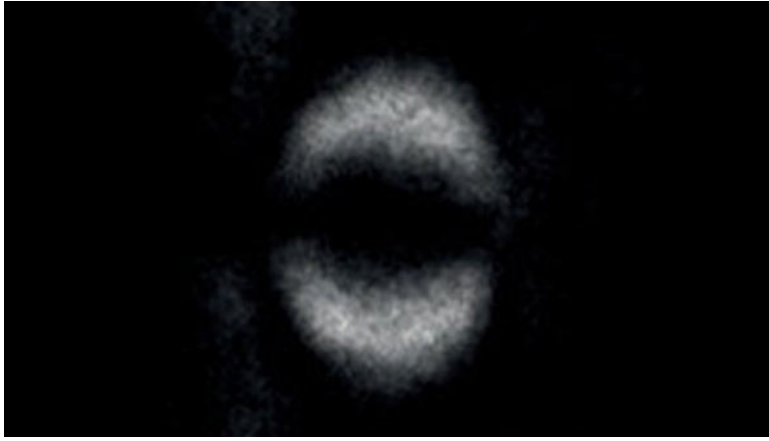
On December 31, 2019, the last day of last year, scientists made a new breakthrough in quantum science.

Specifically, scientists can successfully quantum transition for the first time between two computer chips. This means that scientists were able to pass information between two chips through the air in the laboratory by taking advantage of quantum entanglement without the need for wires.



In theory, two particles can entangle quantum at any distance, including at the ends of the Universe. When the two particles have quantum entanglement, we only need to determine the state of one particle to know the state of the second particle.

In the lab, the team created many pairs of quantum entangled photons. Then they proceeded to encode quantum information into them. Such information must be accurate and not affect the quantum state of the particle. The results in the last test gave the information to 91% accuracy.



Quantum entanglement state.

This breakthrough of research opens us up to hope for a future where everyone can possess the power of quantum computing in their hands, transmit signals without interference and surf the web on a The Internet is absolutely secure.

The new research also helps quantum physics to work with the silicon chip technology inherent in all electronics, helping to open the door to a quantum communications and information processing system.

1. For the first time scientists photographed quantum entanglement, what Einstein once called a "spooky effect"
2. Scientists have created the world's first unbreakable encryption chip, including quantum computers

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