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Scientists get closer to 'beaming up' Scotty!

London | June 17, 2004 2:38:27 PM IST

Are you one of those people who was always fascinated by watching Captain Kirk and Spock travel through space by simply uttering the word "energise"?

Scientists are now reportedly making huge strides in making this mode of space travel a reality.

According to The Sun, Austrian and America scientists have finally managed to teleport the characteristics of one atom to another without any physical link between the two.

Teleportation is achieved through a process called "entanglement" the linking of the properties of two atomic particles created at the same time.

Whereas, an Austrian team switched the properties of a pair of calcium atoms, in another experiment a team in the US performed a similar experiment with beryllium - a metallic element.

Once described as "spooky" by Albert Einstein, the experiment is being called a major breakthrough in quantum physics by scientists across the world as it could also help in the super fast transport of data in computers.

However, scientists still have a long way to go in order to teleport a human. "With 7,000,000,000,000,000,000,000,000 atoms in the typical human body, it would take ten billion years to teleport them all," said Professor Sam Braunstein, of the University of Wales, Bangor. (ANI)



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