

Time Travel - is it really possible ?!

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Press Release Summary: Time-travel, for long a favorite subject of science fiction, is currently emerging as a serious prospect. Some top-flight scientist in the USA and Europe are at work to send subatomic particles back in time, encouraged by Einsteins theories which - so far - have proved remarkably accurate in other predictions.

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Time travel has been around in science fiction stories fuelled by the imaginative story of THE TIME MACHINE by H.G. Wells in 1895. Indeed, what a splendid and exciting mode of travel would be to go back to the past or forward to the future at will. In an attempt to offer an explanation, the author postulated time as the fourth dimension - strangely preceding the ideas of Einstein.

In scientifically analysing such concepts as time, space, velocity, acceleration and gravity, Einstein has arrived at the view that time and space can not be considered in isolation. He introduced the concept of '**space-time**' and has shown that it is not necessarily a straight-line entity, but can be regarded as curved in the presence of solid bodies, thus leading to an explanation of gravity. Since Einstein, many of his theories and predictions proved correct as shown by repeated laboratory experiments.

The curvature of space-time is an intriguing concept, as it seems to suggest that if it could be made to curve into itself, then time itself would flow backwards, as further explained at <http://www.newinvent.com/ALTERNATIVE/time-machine.htm>.

Lately the **physicist Amos Ori from the Israel Institute of Technology in Haifa**, claims to have found the first realistic model of a time machine which can transport us into the past.

His model consists of a vacuum which is shaped like a doughnut - or torus - and which is surrounded by a sphere of normal matter. Nearby objects of immense mass, like black holes, cause time to warp sufficiently to form closed loops within the torus. Theoretically, any point in time between the creation of the machine and the present should be accessible to the time traveller.

John Cramer, a physicist at the University of Washington. is in the midst of experiments to prove that subatomic particles can be made to travel back in time. At present, the University is asking for public donations in order to keep this project going.

However, time travel into the past throws up a curious paradox: what if you travel back in time and murder your grandfather, therefore preventing you from being born in the first place. This '**Grandfather Paradox**' is just one of many fascinating aspects of this problem, and attempts to overcome difficulties associated with the concept of time travel make for interesting reading.

To continue reading on this subject, visit the website <http://www.newinvent.com/ALTERNATIVE/time-machine.htm>.

Web Site: <http://www.newinvent.com/ALTERNATIVE/time-machine.htm>

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