

---

Subject: Movies, Real Life, and Time Travel (Why not?)

Posted by [Javaxcx](#) on Sat, 10 Apr 2004 23:48:53 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Time Travel is possible. Maybe not on the scale as you'd find in a science fiction novel, but it does happen, and has happened (to a measurable scale) to a Russian Cosmonaut. He has travelled 1/50th of a second into the future.

How? It's pretty simple really: Time and Space are relative. The faster you go, the more time slows down. A really neat way to demonstrate this is to watch cars on the highway.

If you're travelling at 80km/h and the car beside you is travelling at 100km/h, he'll pass you relatively quickly. However, the more you speed up, the slower it APPEARS he is going. When you both match speeds, it makes the impression that he isn't moving at all. Moreso, if you go faster, it appears that he is falling behind you.

Is time travel possible? Yes. Is it feasible with our current understanding of the limitations of physics? No.

---