

Re: Is time dilation real?

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- *From:* "Gary Matthews" <gmsolutions@xxxxxxxxxxx>
 - *Date:* 24 Jan 2006 20:13:04 -0800
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Time dialation observed by clocks due to increase or decrease in speed would effect anybody within the moving frame relitive to the non moving refferance frame. All clocks including the cesium clock are effected by localised time relitive to its motion in space. If we where to say travel instantly in a strait line out to some point in the universe and stop reltive to the motion of our galaxy which might take a few billion years to rotate and is spinning and traveling at the near speed of light through the universe. After some mesured local time like a year we returned instantly to our orignial location the persepition of time passed for those that remained might be negligable although we had been gone a year. On the other hand if we speed up to near the speed of light and continue to travel for what we might observe as one year might be observed as 100 years back on earth. Our model of time is wired based on the fact that for use time for us is allways relitive to the planet we exist on. Even moving through time slower or faster relitive to earth would not effect our perception of time unless we where able to observe the frame of refferance relitive to our local frame. We would not see people speeding up or slowing down unless we can observ all the relivent frames at once which so far is technicy and hypotheticly impossible.

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- *Follow-Ups:*
 - ◆ ***Re: Is time dilation real?***
 - ◇ *From:* Spaceman
 - ◆ ***Re: Is time dilation real?***
 - ◇ *From:* jgreenfield@xxxxxxxxxxx
- *References:*
 - ◆ ***Re: Is time dilation real?***
 - ◇ *From:* PD
 - ◆ ***Re: Is time dilation real?***
 - ◇ *From:* G=EMC^2 Glazier
 - ◆ ***Re: Is time dilation real?***
 - ◇ *From:* PD

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- Prev by Date: *best angle to release the ball is 30 degrees?*
- Next by Date: