

## Re: Is time dilation real?

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*Source:* <http://sci.tech--archive.net/Archive/sci.physics/2006-01/msg02897.html>

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- *From:* "Spaceman" <[Realspace@xxxxxxxxxxx](mailto:Realspace@xxxxxxxxxxx)>
  - *Date:* Wed, 25 Jan 2006 18:19:48 -0500
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"Greg Neill" <[gneillREM@xxxxxxxxxxxxxxxxxxxx](mailto:gneillREM@xxxxxxxxxxxxxxxxxxxx)> wrote in message  
[news:wITBf.23263\\$ve.368663@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:wITBf.23263$ve.368663@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

| "Spaceman" <[Realspace@xxxxxxxxxxx](mailto:Realspace@xxxxxxxxxxx)> wrote in message  
| [news:58udndc6lqVoYkrenZ2dnUVZ\\_sqdnZ2d@xxxxxxxxxxxxxxxx](mailto:news:58udndc6lqVoYkrenZ2dnUVZ_sqdnZ2d@xxxxxxxxxxxxxxxx)

| >

| > "Greg Neill" <[gneillREM@xxxxxxxxxxxxxxxxxxxx](mailto:gneillREM@xxxxxxxxxxxxxxxxxxxx)> wrote in message

| > [news:HLSBf.23225\\$ve.365377@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:HLSBf.23225$ve.365377@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

| > | \*You\* think that physics is about the "why". That is

| > | your \*opinion\* and is not fact. Ask any practicing

| > | physicist and he'll tell you that physics is about the

| > | \*how\*, not the \*why\*. If you insist on forcing your

| > | definitions on things, then you are bound to forever

| > | be disappointed.

| >

| > <snipped rest of ignorance>

| >

| > physics : the science that deals with matter, energy, motion

| > and force.

| >

| > science : a branch of knowledge or study dealing with a body of

| > facts or truths systematically arranged and showing the operation of

| > general laws.

| >

| > hmm?

| > 'showing the operation of general laws' is not the same as showing why,

| > according to general laws?

|

| Nope. General laws are not "whys", they're "hows".

No,

they are both,

you can not know how, without truly knowing why.

Can you really answer a how without the why also in scuh answer?

How can you do that Greg?

:)

| Take Newton's Laws for example. The third law states

## Re: Is time dilation real?

| that for every action there's an equal and opposite  
| reaction. Note that it doesn't say "why". It  
| says "what" happens.

The why is in the removed laws you are not including.

| Oh I don't know, I can rely on the rate that clocks  
| will tick according to the general laws of physics.  
| You on the other hand, will never know what time it is.

Why wouldn't I.

I have never stated the clocks are not as good as they could be  
right now.

I merely stated you have no actual physical cause of why  
they malfunctioned and you also have no clue what timing things  
is all about.

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### • *Follow-Ups:*

- ◆ **Re: Is time dilation real?**  
◇ From: Greg Neill
- ◆ **Re: Is time dilation real?**  
◇ From: Sam Wormley

### • *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
- ◆ **Re: Is time dilation real?**  
◇ From: Gary Matthews
- ◆ **Re: Is time dilation real?**  
◇ From: Spaceman
- ◆ **Re: Is time dilation real?**  
◇ From: Sam Wormley
- ◆ **Re: Is time dilation real?**  
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◇ From: Greg Neill
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- Prev by Date: **Re: best angle to release the ball is 30 degrees?**
- Next by Date: **Re: the probe to Pluto**
- Previous by thread: **Re: Is time dilation real?**
- Next by thread: **Re: Is time dilation real?**
- Index(es):
  - ◆ **Date**
  - ◆ **Thread**