

Re: Twin paradox

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"Julian" <becker.julian@gmail.com> wrote in message
news:88074b3c.0503190501.4935c991@posting.google.com...
> *I only wanted to ask if anybody knows why the twin that takes the*
> *tour isn't shortened, as an effect of length contraction? If time and*
> *space are equally treated – why should a time dilation have a real*
> *effect if length contraction doesn't?*

It does, though. The twin that goes rocketing about in space thinks the journey is shorter than we measure it because when that twin measures off the distance, it's shorter.

This just isn't often mentioned in introductions to the twin paradox since the focus is on the fact that there **is** a visible difference in the aging rates and it **is** because the space-bound twin turned around.

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