

# Re: Thoughts on time and space

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- *From:* "brodix" <[brodix@xxxxxxxxxxxxxxxx](mailto:brodix@xxxxxxxxxxxxxxxx)>
  - *Date:* 3 Nov 2005 15:53:57 -0800
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Dirk,

What specifically are you referring to? This is the only relevant part of your first post;

But the notion of time as a dimension is based on the fact that  
>physics describes the world in terms of events, and we need  
>four numbers to unambiguously define an event. Three  
>numbers are needed to fix the location of the event, and one  
>number is needed to fix the time.  
>This way the set of all events in past, present and future forms  
>a 4-dimensional space in which we can describe and model  
>a great part of what we think we know of the world.

No argument here, just pointing out any coordinate system is arbitrary, whether it's the meridian starting at Greenwich, or the Christian calendar starting when some Pope decided Jesus was born.

>But just like you have directions North/South, East/West,  
>Up/Down, you have directions Past/Future. You can't go  
>to the past, so what? Suppose you are permanently tied  
>to a permanently East bound train, so you can't go West.  
>That does not stop you from describing events and doing  
>physics.

Yes, We witness past events prior to future ones, but these events are first in the future, such as your next birthday, then they are in the past. So there is an arrow of time which goes from future to past.

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- *Follow-Ups:*
    - ◆ *Re: Thoughts on time and space*
      - ◇ *From:* Dirk Van de moortel
  - *References:*
    - ◆ *Thoughts on time and space*

Re: Thoughts on time and space

◇ *From:* brodix

◆ ***Re: Thoughts on time and space***

◇ *From:* brodix

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