

Re: Two photons... relative distance question

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- *From:* "N:dlzc D:aol T:com \(\dlzc\)" <N: dlzc1 D:cox T:net@xxxxxxxxxx>
 - *Date:* Sat, 7 May 2005 10:22:41 -0700
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Dear Curious:

"Curious" <anthonyroseuk-curious@xxxxxxxxxx> wrote in message
news:1115460223.017965.207910@xx

- > Thanks for your reply – very interesting indeed.
- > I'm puzzled by this though:
- > In any frame, if the time t is a particular value,
- > is the time not that same value for any
- > location in that frame?

All locations in that frame will eventually "pass through that time value", yes. But as you formulated, distance correlates to delay *in observation*. It is not possible to know that correctly synchronized clocks achieve the same value *now* from some absolute God-like perspective. We are stuck with what we can measure, so we typically limit a frame size to "something that our instruments cannot measure a delay across". And this is getting smaller.

We already had problems with "meeting at noon", when two people are from different time zones.

David A. Smith

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◇ *From:* Curious
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◇ *From:* Curious
 - ◆ [**Re: Two photons... relative distance question**](#)

Re: Two photons... relative distance question

◇ *From:* Jon Bell

◆ ***Re: Two photons... relative distance question***

◇ *From:* Curious

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