

The width of the _Observable_ universe is 158 light-years and counting.

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Hi T_Wake, The term Big_Bang came from a U.S. talk-show host who himself got it from a U.S. comic-strip... it's not a truly scientific term.

To be less ambiguous, please use the terms the Lambda_CDM model and the Planck_Length_Transition instead.

You asked me:

Can you remind me which parts of Inflation Theory indicate gravity waves are requirement for the theory ?

Of course... but I warn you, the citations below probably imagine that $(- (c * t)^2)^{.5}$ are the the units of GR's time-like dimension, not, as you imagine, bananas... nor are they using Newton's instantaneous-gravity model. Note, gavity waves are polerized.

Wikipedia.ORG/wiki/Cosmic_microwave_background#Polarization

If that's not enough for you, look for the words Polarization and Inflation here:

Lambda.GSFC.Nasa.GOV/product/map/dr2/pub_papers/threeyear/parameters/wmap_3yr_param.pdf

You told me:

I asked where the BB-Inflation model implied a place for the t=0 event. You reply with " its also a length. "

The oldest photons we can observe came from the CMBR 13.4 billion years ago in Cosmological_Time.

But the path of those photons was expanding during that time, so that it's _Now_ 79 billion light-years long, instead of 13.4 billion light-years.

Tomorrow, that same path will be a bit longer, which begs the question: Where the hell was that event ?

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It's not in the 4D model of _Today_'s universe.
That path, 79 billion light-years long,
can be modeled as a fifth spatial dimension,
i.e. the width of the _Observable_ universe is 158 light-years and counting.

But, given the postulate that lambda is ever-constant,
as cosmologists today are coming to believe,
you can demarcate it in degrees Kelvin or Joules_Per_Kelvin,
not just light-years... because it's perfectly spontaneous.

You asked me:

Does that make sense to the crack addicts in your blockhouse ?

What's a blockhouse ? I live in a rooming house,
rooms are rented as apartments with shared bathrooms.

Amazingly, I get all that for only USD 400 per month,
there's no extra charge for the shady crack dealers,
desperate beggars, heartless thieves or shit-smearred graffiti.

Demonstrating your Newtonian " logic ", you imagined:

A year is not a length. A light year is not a unit of time.
You can use the same nonsensical reasoning to discuss
a meter as a unit of time or the second as length.

General_Relativity models time-like units as a spatial dimension:
 $(- (c * t)^2)^{.5}$

Further, _Both_ the SI second _And_ the SI meter are nothing but
a count of a specific maser's maxima.
Hmm... how many maxima would be in an SI unit of Cosmic_Entropy ?

You raise the most interesting questions ! who else does that ? no one.

Your religious objections aside, time is pseudo-directional, I assure you,
and it's only pseudo-randomness that makes it seem otherwise.

The arrow of time points _Backwards_ for antimatter, for Christ's sake.
As Einstein asserted, that's most obviously an incomplete model.
Tomorrow's theories/technologies will _Surely_ improve on it.

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