

Re: Eric Gisse doesn't know the basics of Relativity

Source: <http://sci.tech-archive.net/Archive/sci.physics.relativity/2007-08/msg00431.html>

- *From:* Eric Gisse <jowr.pi@xxxxxxxxxx>
 - *Date:* Sun, 05 Aug 2007 15:20:46 -0700
-

On Aug 5, 9:16 am, "T.M. Sommers" <t...@xxxxxx> wrote:

gu...@xxxxxxxxxxxx wrote:

On Aug 5, 11:12 am, "T.M. Sommers" <t...@xxxxxx> wrote:

gu...@xxxxxxxxxxxx wrote:

N.O.V.I.C.E. (or idiot) Eric Gisse doesn't know that Temperature ***MUST*** be a Lorentz invariant scalar.

Water would be a vapor or ice in other reference frames otherwise IDIOT if Temperature did not remain invariant.

Temperature is not invariant. It transforms as

$$T' = T * (1 - v^2/c^2)^{(1/2)}$$

Come on. Rest Mass is a Lorentz invariant scalar.

Never heard of invariant mass, $M' = \gamma M$.

Re: Eric Gisse doesn't know the basics of Relativity

M remains invariant.

I thought we were talking about temperature. What has mass got to do with it?

Nothing. He seems to believe that the kludge known as "relativistic mass" somehow invalidates my argument.

This has been going on since April. He didn't understand then, and doesn't understand now as evidenced by his latest little temper tantrum. Every so often he has to spam this newsgroup with about 20 posts saying how stupid I am and whatever.

<http://groups.google.com/group/sci.physics.relativity/msg/8ec41d88e7511d62?dmode=source>

That is the argument for why temperature transforms as such.

--

Thomas M. Sommers -- t...@xxxxxx -- AB2SB

.