

Re: NIST and MIT Confirm that $E = mc^2$

Source: <http://sci.tech-archive.net/Archive/sci.physics/2006-01/msg01483.html>

- *From:* "Mike Jr." <n00spam@xxxxxxxxxxx>
 - *Date:* 15 Jan 2006 04:49:22 -0800
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The old Sorcerer wrote:

> "Mike Jr." <n00spam@xxxxxxxxxxx> wrote in message
> news:1137261766.146500.47270@xx
>>
>> "Albert Einstein was correct in his prediction that $E=mc^2$, according to
>> scientists at the Commerce Department's National Institute of
>> Standards and Technology (NIST) and the Massachusetts Institute of
>> Technology (MIT) who conducted the most precise direct test ever of
>> what is perhaps the most famous formula in science."
>>
>> <http://www.physlink.com/News/051229Emc2Einstein.cfm>
>>
>> --Mike Jr.
>
> Which is not $E = mc^2/\sqrt{1-v^2/c^2}$ as Einstein predicted,

You wanted the NIST/MIT team to first accelerate their lab to near the speed of light before running their experiment? $v^2 \ll c^2$ is smaller than the error bars on the experiment.

Old Sorcerer, you can do better than that.

--Mike Jr.

> therefore
> the Commerce Department's National Institute of Standards and
> Technology (NIST) and the Massachusetts Institute of Technology (MIT)
> are imprecise and did not conducted the most precise direct test ever.
>
> --
>
> Der alte Hexenmeister ist:
> Sorcerer Androcles Dumbledore, Headmaster, hogwarts.physics
> school for zauberlehrlings.
> "One muggle's magic is another sorcerer's engineering"
>
> http://www.androcles01.pwp.blueyonder.co.uk/how_to_be_as_smart_as_einstein.htm
> http://www.androcles01.pwp.blueyonder.co.uk/people_v_Baez.htm
> <http://www.androcles01.pwp.blueyonder.co.uk/sundials.htm>

Re: NIST and MIT Confirm that $E=mc^2$

> http://www.androcles01.pwp.blueyonder.co.uk/RR_C7/RelativityRevealed.htm

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- *Follow-Ups:*
 - ◆ *Re: NI*