

# Re: Why is Relativity constantly under attack?

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*Source:* <http://sci.tech-archive.net/Archive/sci.physics/2008-07/msg02064.html>

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- *From:* "Tom Potter" <[tdp@xxxxxxxxxxxxx](mailto:tdp@xxxxxxxxxxxxx)>
  - *Date:* Sun, 20 Jul 2008 14:39:22 +0800
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"Sam Wormley" <[swormley1@xxxxxxxxxx](mailto:swormley1@xxxxxxxxxx)> wrote in message  
[news:xrngk.260678\\$yE1.221541@xxxxxxxxxxxxx](mailto:news:xrngk.260678$yE1.221541@xxxxxxxxxxxxx)

Tom Potter wrote:

The best measure of a model is its' utility  
in a few and open market...

Na, You're wrong Potter, the measure of a scientific model  
is in the data agreeing with the models predictions. For  
example, there predictions of Special and general relativity  
have never been contradicted, but confirmed, by observations.

Newton's gravitational theory didn't explain what gravitation  
is but does provide reasonable accuracy for calculations.

GTR provides a more complete understanding of gravitation  
and is more accurate than Newton... orbital precession,  
gravitational lensing, etc. and yes, GTR predicts accurately  
the corrections necessary for Global Navigation Satellite  
Systems (GNSS).

You've got to admit, Potter, that GPS have proved to be quite  
the utility for the world... generating tens of billions of  
dollars of economic and utilitarian benefit to the peoples  
of this world. Both the quantum mechanics and general relativity  
have made that possible. :-)

GTR is an essential tool in investigations of compact  
astronomical objects... binary pulsars, supernovae, quasars,  
supermassive black holes, galactic evolution and galactic  
cluster evolution... Dark Matter distribution and cosmology.  
And so on!

Re: Why is Relativity constantly under attack?

Sammy makes a good point!

"GTR is an essential tool"  
if you want to model things beyond man's capacity  
to ever experience in time and space such as  
"binary pulsars, supernovae, quasars,  
supermassive black holes, galactic evolution and galactic  
cluster evolution... Dark Matter distribution and cosmology.  
And so on!" ( Time travel, warping through space, worm holes,  
the beginning and end of the universe,  
the mind of God, etc.)

Of course, Sammy makes a bad point  
when he parrots the lie  
that General relativity was and is  
essential to the GPS System.

Shame on you Sammy!!!

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Tom Potter

<http://www.geocities.com/tdp1001/index.html>

<http://notsocrazyideas.blogspot.com>

<http://www.flickr.com/photos/tom-potter/>

<http://tdp1001.wiki.zoho.com>

<http://groups.msn.com/PotterPhotos>

<http://www.androcles01.pwp.blueyonder.co.uk/dingleberry.htm>

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