

## Re: Brookhaven Responds to black hole report

**Source:** <http://sci.tech-archive.net/Archive/sci.physics/2005-03/11957.html>

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Date: 23 Mar 2005 08:10:53 -0800

Uncle Al wrote:

> > *That's a truly deep insight. In this sense alone the experiment is also*  
> > *a test of the equivalence principle, of general relativity, under*  
> > *extreme conditions.*  
>  
> *How do you figure that? If the EP were violated by 10% or it were*  
> *not, what difference would it make in the cited example? If GR were*  
> *incorrect by 10% or it were not, what difference would it make in the*  
> *cited example?*

To be more clear, the specific experimental run may or may not have the precision to do so. I was more in the mindset of suddenly being shown something that was dangling in front of me all this time, that high energy accelerators may, at least in principle, be used to create extreme "gravitational" conditions. It's cool.

-Mark Martin