

## Re: Graphite magnets get ready for applications

**Source:** <http://sci.tech-archive.net/Archive/sci.physics/2004-07/8481.html>

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Sam Wormley wrote:

>  
> Ref: <http://physicsweb.org/article/news/8/7/14>  
>  
> *Graphite magnets get ready for applications*  
>  
> *Physicists in Uruguay and Brazil have succeeded in*  
> *synthesising large quantities of magnetic graphite for the*  
> *first time. The material made by Álvaro Mombrú and*  
> *colleagues at the Universidad de la República in Montevideo*  
> *and the Universidad Federal de São Carlos has the advantage*  
> *of remaining magnetic at room temperature (H Pardo et al.*  
> *2004 <http://arxiv.org/abs/cond-mat/0407303> ). Magnetic*  
> *carbon could be used to make inexpensive, metal-free*  
> *magnets for applications in medicine and biology,*  
> *nanotechnology and telecommunications.*  
>  
> See: <http://physicsweb.org/article/news/8/7/14>

Said magnetic carbon is "800 times weaker" than a ferromagnet.  
Tell Uncle Al in what applications it would displace current  
magnetic materials of any sort. It wouldn't be much of a  
refrigerator magnet. It's a basic research project not an  
applied one.

One wonders what would happen if the high temp reaction were  
conducted within a non-divergent strong magnetic field.

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Uncle Al

<http://www.mazepath.com/uncleal/>

(Toxic URL! Unsafe for children and most mammals)

<http://www.mazepath.com/uncleal/qz.pdf>