

## Re: Cold Fusion warms up?

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**Date:** 09/05/04

Date: Sun, 05 Sep 2004 11:57:14 +1000

John Larkin wrote:

> On Sat, 04 Sep 2004 12:03:02 +1000, Adrian Jansen <[adrian@qq.vv.net](mailto:adrian@qq.vv.net)>

> wrote:

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>> Winfield Hill wrote:

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>>> <http://www.spectrum.ieee.org/WEBONLY/resource/sep04/0904nfus.html>

>>>

>>>

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>> I think the guys at

>>

>> <http://fusor.net/index.html>

>>

>> seem to have a better chance of success, at least the ideas look

>> plausible. Any comments ?

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> If you build an electrostatic or RF ion accelerator, and smash  
> hydrogen ions together, it's not difficult to get some fusion  
> reactions and liberated neutrons... the required energy levels aren't  
> very high. People also manufacture small electrically-triggered  
> fusion-based neutron sources for industrial and scientific uses.

>

> <http://www.aip.org/tip/INPHFA/vol-9/iss-6/p22.html>

>

> But the energy densities and efficiencies here are many orders of

> magnitude too low to be interesting as an energy source.

>

> Google "compact neutron source" for more.

>

> John

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I still liked the idea that the whole process looks scaleable, and there

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is even some proposal for a 5 m diameter chamber where you do this – and at that it looks like you ought to get 'break–even' This is still several orders of magnitude simpler and cheaper than the hot fusion guys are playing with.

Did you also see the further stuff about using different nuclei, and generating electricity directly, with no neutron emission ?

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Regards,

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