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UFO UpDates Mailing List

Re: Silver Veils, Technobabble, And Delusion

From: Greg Sandow <gsandow@prodigy.net>
Date: Fri, 9 Apr 1999 22:15:13 -0400
Fwd Date: Sat, 10 Apr 1999 04:37:03 -0400
Subject: Re: Silver Veils, Technobabble, And Delusion

>>From: Greg Sandow <gsandow@prodigy.net>
>>To: UFO UpDates - Toronto <updates@globalserve.net>
>>Subject: Re: Silver Veils, Technobabble, And Delusion
>>Date: Wed, 7 Apr 1999 20:45:30 -0400

>>>Date: Wed, 07 Apr 1999 07:05:11 -0600
>>>From: Robert A.M. Stephens <sti3818@montana.com>
>>>To: UFO Updates Toronto <updates@globalserve.net>
>>>Subject: Re: Silver Veils, Technobabble, And Delusion

>>>Silver Veil/Femtophoton Technology and faster than light
>>>registration is available for viewing at:

>>>uc.berkeley.org.ca.us

>>>Begin here:

>>><http://www.physics.berkeley.edu/research>

>>>If anyone cares to look.

>>>I looked. It's a big site, with links to all kinds of physics
>>>research being done at Berkeley. I poked around for 20 minutes
>>>or so, and couldn't find the references you mentioned. A web
>>>search for "femtophoton" came up empty. One for "Silver Veil"
>>>retrieved your own interview with Peter Gersten, but nothing
>>>else.

>>>Would you give us a specific web page to look at -- the one
>>>where the reference actually occurs?

>>>It is a big site.

>>>go here:

>>><http://www.lbl.gov/Science-Articles/Archive/center-for-beam-physics.html>

Very interesting page here about some advanced issues in beam physics.

No femtophotons. Lots of talk about femtoseconds, defined as follows:

"A femtosecond is a millionth of a billionth (or one quadrillionth) of a second. To appreciate the brevity of such an increment, consider that a femtosecond is to one second what one second is to 30 million years. At room temperature, almost everything in nature vibrates to a femtosecond beat. If you want

to study this motion, you need femtosecond pulses of light."

This webpage describes proposed experiments to produce x-ray pulses whose length is measured in femotseconds. This requires techniques not yet developed: "Producing femtosecond x-ray pulses will be a tricky proposition in itself. Detecting these pulses could be even trickier. There are special cameras that can detect picosecond x-rays, but nothing for the femtosecond regime."

There's nothing about speeds faster than light. At the end, there's a bit about high-energy acceleration:

"Sessler's TBA would feature two parallel beams of electrons. One would be an intense but low-energy beam (maybe 3000 amps at 10 MeV) that could be used either for an amplifier FEL or for a relativistic klystron, devices capable of extracting powerful microwaves from relativistic electrons. These microwave beams would then be used to accelerate the second electron beam to energies of trillions of electron volts.

"The steep accelerating gradient of the TBA would make it 10 times more energetic than accelerators of the same length are now," says Sessler."

I take this to mean very rapid acceleration, or acceleration to a state of great energy. But not acceleration to speeds faster than light.

Greg Sandow

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