

From: Dave Thomas <nmsrdave@swcp.com>
Date: August 27, 2004 11:29:49 AM PDT
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Subject: Re: Tachyons, photos

Hi folks.

A few days ago, Mike Horn wrote the following:

At 08:24 AM 8/23/2004 -0700, Michael wrote:

Dear Mr. Amazing & Company,

...

Now, remember to rebut the actual scientific experts below or don't bother me with your amateurish

nonsense. In other words, put up or shut up as the saying goes.

**Michael Horn
Authorized American Media Representative
The Billy Meier Contacts
www.theyfly.com**

***Scientific Experts' Comments on Meier's Evidence**

From Author Gary Kinder's "Open Letter to the UFO Community"

David Froning: At the time, Dr. Froning had already spent 25 years as an astronautical engineer at McDonnell Douglas in highly classified military defense and, in 1979, became interested in Meier's accounts of Plejaren starship travel, which mentioned tachyon propulsion. Dr. Froning found Meier's account of tachyon propulsion (which was only beginning to be discussed by a very small and select group of theoretical physicists), and his calculations for above light speed travel to be amazing. In 1983, he was pursuing his Quantum Interstellar Ramjet idea (JBIS vol. 33, no. 7, July 1980; AIAA 81-1533, July 1981; IAF-85-492, October, 1985) and plugged in his Quantum Ramjet performance equations, assuming: a given starship density, vacuum energy conversion efficiency (in transforming positrons and electrons within the quantum vacuum into photons), and vacuum energy conversion scales of distance of the order of the Compton wavelength. The resulting vehicle acceleration enabled achievement of almost light speed in about 4.3 hours and deceleration from light speed in about 4.3 hours. Meier said that the elapsed time during the "hyperspace jump" took only several seconds. Thus, trip time between the Pleiades star cluster and Earth with Froning's slower-than-light Quantum Ramjet Drive plus a hypothetical tachyon drive would be 8.6 hours, which was within 20% of the Plejaren trip time reported by Meier. But, while Froning's calculations were based on many arbitrary assumptions, and in no way proved the truthfulness of Meier's account (since it was a theoretical system he was working on, only

time will tell as to which are correct) Froning was somewhat startled that his arbitrary flight time computations were within 20% of the flight time mentioned by Meier. Regarding the Meier material, Dr. Froning also publicly stated that, "My colleagues and I may have made breakthroughs in our understanding of possibilities and ways for traveling faster than light from Billy Meier's accounts of his encounters with the Plejarens."

My my, where to begin? Let's start with "Dr. Froning found Meier's account of tachyon propulsion (which was only beginning to be discussed [in 1979] by a very small and select group of theoretical physicists), and his calculations for above light speed travel to be amazing."

Mike Horn is wrong by 9 years:

http://prola.aps.org/abstract/PRD/v3/i8/p1764_1
Phys. Rev. D 3, 1764–1770 (1971)
[Issue 8 – 15 April 1971]
Quantization of $m^2 < 0$ Field Equations
Bert Schroer

Department of Physics, University of Pittsburgh, Pittsburgh, Pennsylvania
15213

Received 20 April 1970

We construct a causal covariant quantum field theory which corresponds to a classical field with $m^2 < 0$. "Pseudotachyons" or "jelly" states lead to a causal screening of "tachyon" states.

©1971 The American Physical Society

Mike Horn is wrong by 9 years:

<http://www.scifi.com/sfw/issue118/classic.html>
Spock Must Die!
By James Blish
Bantam Spectra
\$5.50/\$8.50 Canada
Paperback, June 1999
First Published 1970
ISBN 0-553-24634-8

...Spock and Scotty devise a revolutionary plan to use tachyon particles in the transporter process to enable Spock to beam to Organia, even though the Enterprise is still millions of miles away.

Mike Horn is wrong by 6, 13, 17, 12, 9, 8, and finally ***20 years***:

<http://www4.prossiga.br/lopes/prodcien/Classical/classic1.html>

LEITE LOPES, José, FLEURY, N., OBERLECHNER, G. On the classical theory of charged and spinning tachyons. Strasbourg: CNRS, 1973. 15p. (CRN-HE-73-5).

On the Classical Theory of Charged and Spinning Tachyons*

N. Fleury, J. Leite Lopes, and G. Oberlechner

...The possibility of a theoretical description of particles with velocity higher than that of light-the tachyons-has been discussed by several authors in the last ten years [1].

[1]- S. TANAKA, Progr. Theor. Phys. 24, 171 (1966); O. M. P. BILANIUK, V.K. DESHPANDE, and E. C. G. SUDARSHAN, Am. J. Phys. 30, 718 (1962); G. FEINBERG, Phys. Rev. 159, 1089 (1967); M. BALDO, G. FONTE , and E. RECAMI, Lettere Nuovo Cimento 4, 241 (1970), and references therein; H. K. WIMMEL, Lettere Nuovo Cimento 1, 645 (1971); B. SCHROER, Phys. Rev. D3, 1764 (1971).

... Finally, the tachyon transcription of the Bargmann-Michel-Telegdi [2] classical spin equation is given for tachyons.

[2]- V. BARGMANN, L. MICHEL, and V. TFLEGDI, Phys. Rev. Letters 2, 435 (1959).

But wait - there's more!

At 08:24 AM 8/23/2004 -0700, Michael wrote:

Robert Post: JPL photo laboratory for 22 years, was the head of that lab in 1979, and oversaw the developing and printing of every photograph that came out of JPL at the time: "From a photography standpoint, you couldn't see anything that was fake about the Meier photos. That's what struck me. They looked like legitimate photographs. I thought, 'God, if this is real, this is going to be really something.'"

OK, let's take a second look at Robert Post.

http://j_kidd.tripod.com/b/125.html

...
"Light Years" also quotes authorities such as Robert Post, head of the Jet Propulsion Laboratory in Pasadena, as saying: "From a photography standpoint, you couldn't see anything that was fake about the Meier photos... I thought, God, if this is real, this is going to be really something."

Or is it? In an interview with The Examiner, Post recalled that several years ago, Wendelle Stevens visited him at JPL and requested an expert opinion on the pictures. Post acknowledges he was fascinated by the images, but was unable to perform a scientific analysis for two reasons: First, he isn't a photo analyst but rather the operator of a photo processing lab ("like you take your film to K-Mart", he said); and second, the pictures

weren't originals but rather copies of originals - perhaps even copies of copies of copies. Such multiple copying tends to obscure delicate details, making it hard to detect evidence of fraud - e.g., threads supporting hubcaps.

In addition, when Post examined some images with a magnifying glass, he realized "a lot of the pictures weren't really photographs at all - they were lithographs," or high-resolution ink prints made from photos - and, hence, were worthless for purposes of analysis. Furthermore, the photos were "a lot fuzzier than the stuff on the lithographs, and I thought that was a little strange." For that and other reasons, Post began "to think, 'Nuts, maybe this guy is just a con man.' That's not the kind of guy I want to have anything to do with." In 1983, Stevens was convicted of child molestation in Pima County, AZ. He is now serving time in the Arizona State Prison and declined to be interviewed. But he did send The Examiner a cryptic letter in which he said a "number of high officials...have taken a personal interest in some of the things we were doing, but they could neither support nor tolerate them officially."

Stevens' conviction triggered a wave of paranoia among Meier buffs. Some phoned Vicki Cooper, editor of California UFO Magazine in Los Angeles, and said Stevens "was 'set up,' that certain witnesses were being killed," said Cooper, who is not unsympathetic to Meier's claims. "I was discouraged and disgusted with the people I was talking to."

...

Well Mike, if that's the quality of your so-called "evidence" - missing the first mention of tachyons by at least 2 decades (20 years = 1979-1959 if you need help on the math), and relying on confirmation by Robert Post, who ended up concluding "Nuts, maybe this guy is just a con man,"

... well ...

I can see why JREF's prize requires the actual performance of real testing, with agreed-upon protocols, and not just reliance on old and possibly dubious analyses.

Mike, I can sure see why you're afraid to put your evidence to the test. It's a lot easier to defend it by just calling skeptics names than by actually testing it, eh?

Sincerely, Dave Thomas

"Life is too short to occupy oneself with the slaying of the slain more than once." - Thomas Huxley