

Excerpt from [http://www.god-does-not-play-dice.net/rs\\_spacetime.txt](http://www.god-does-not-play-dice.net/rs_spacetime.txt)

More in 'Gravitational Wave Astronomy: RIP' at [http://www.god-does-not-play-dice.net/gwa\\_rip.pdf](http://www.god-does-not-play-dice.net/gwa_rip.pdf)

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Sherlock Holmes: How often have I said to you that when you have eliminated the impossible, whatever remains, however improbable, must be the truth?

[https://en.wikiquote.org/wiki/Sherlock\\_Holmes](https://en.wikiquote.org/wiki/Sherlock_Holmes)

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Subject: "Marco Drago saw the first gravitational wave on 14 September 2015."

Date: Thu, 11 Feb 2016 23:34:00 +0200

Message-ID: <CAM7Ekxn0aMA6hGXPjT+ZZOhjWnsCO2y16oZ\_F3==XZ=PN3jDDg@mail.gmail.com>

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<http://www.sciencemag.org/news/2016/02/here-s-first-person-spot-those-gravitational-waves>

<http://www.sciencemag.org/news/2016/02/gravitational-waves-einstein-s-ripples-spacetime-spotted-first-time>

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Hello Dr. Drago:

May I ask a question.

Today many (otherwise smart) people speculated that about 1.3 billion years ago (perhaps between 600 million and 1.8 billion years ago), 3 solar masses converted to gravitational radiation, and proclaimed that what you "saw" on 14 September 2015 was not "vibrations such as the rumble of

seismic waves, the thrum of traffic, and the crashing of waves on distant coastlines", but a genuine GW signal.

David Reitze excluded the possibility for "a malicious hoax", as he and his colleagues "spent about a month looking at the ways that somebody could spoof a signal," before deciding it was "impossible".

It was not "blind injections" either:

<http://www.nature.com/news/einstein-s-gravitational-waves-found-at-last-1.19361>

"In the past, a few senior members of the LIGO team have tested the group's ability to validate a potential discovery by secretly **inserting 'blind injections' of fake** gravitational waves into the data stream to test whether the research team can differentiate between real and fake signals. But the September detection happened before blind injections were being made, so it is thought to be a signal from a real astrophysical phenomenon in the Universe."

Q: Can you exclude the possibility for a different type of "injection" from senior members of the LIGO team ?

Before replying, read carefully the text at the links in 'Gravitational Wave Astronomy: RIP' at [http://www.god-does-not-play-dice.net/gwa\\_rip.pdf](http://www.god-does-not-play-dice.net/gwa_rip.pdf)

Looking forward to hearing from you and your colleagues,

Sincerely,

D. Chakalov  
[chakalov.net](http://chakalov.net)

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#### EXPLANATORY NOTE

Check out the official paper by LIGO and VIRGO, about "the first direct detection of gravitational waves", Fig. 1 in arXiv:1602.03837v1 at <http://arxiv.org/abs/1602.03837v1> . No word about GRB detection to crosscheck their "discovery". The Fermi-LAT telescope, for example, can detect GRBs (e.g., Imre Bartos et al., arXiv:1602.03831v1, Sec. 5, p. 6, Eq. 13). Strangely enough, nobody from LIGO and VIRGO mentioned such mandatory crosscheck. Even more shockingly, nobody mentioned the insoluble problems of detecting GWs, which are widely known [[Ref. 1](#)].

Do you smell a rat ?

Read closely

<http://www.sciencemag.org/news/2016/02/gravitational-waves-einstein-s-ripples-spacetime-spotted-first-time>

"The observation provides the first evidence for black holes that does not depend on watching hot gas or stars swirl around them at far greater distances."

It's a double miracle: (i) black holes that emit GW signal, but (ii) without "hot gas or stars swirl around them at far greater distances."

According to Bruce Allen, "For a tenth of a second [the collision] shines brighter than all of the stars in all the galaxies. But only in gravitational waves."

"Other stellar explosions called gamma-ray bursts can also briefly outshine the stars, but the explosive black-hole merger sets a mind-bending record, says Kip Thorne, a gravitational theorist at Caltech who **played a leading role in LIGO's development. "It is by far the most powerful explosion humans have ever detected except for the big bang,"** he says."

**Q:** How come this "mind-bending record" of "the most powerful explosion" (Kip Thorne) - [~5.4 x 10<sup>47</sup> J](#) - was NOT detected as gamma-ray burst on 14 September 2015 AS WELL?

Consider, for example, galaxy cluster MS 0735.6+7421:

[http://www.nasa.gov/mission\\_pages/chandra/blast-from-black-hole-in-a-galaxy-far-far-away.html](http://www.nasa.gov/mission_pages/chandra/blast-from-black-hole-in-a-galaxy-far-far-away.html)

Its gamma-ray bursts (GRBs) were duly detected, but "the most powerful explosion" (Kip Thorne) did NOT produce anything but a quiet "signal" that Marco Drago saw on September 14, 2015 at 09:50:45 UTC.

No GRBs were detected on 14 September 2015. Just a quiet sneaky GW "signal".

All previous cases of immensely violent GRBs did NOT produce any GW "signal" whatsoever. Yet "the most powerful explosion" (Kip Thorne) produced only a quiet GW "signal" -- nothing else.

**NB:** How can you TOTALLY separate (i) immensely violent explosions producing ONLY GRBs but no GW signal from (ii) immensely violent explosions producing ONLY one GW signal but no GRBs, as claimed by Bruce Allen and Kip Thorne ?

Are these "senior members of the LIGO team" (see my initial email [above](#)) stupid enough to announce a fake "discovery"? No. They simply had no choice. Why?

Without such "discovery", LIGO, VIRGO and the like will be dismantled and thousands of people (see their arXiv:1602.03837v1 [gr-qc] [above](#)) will lose their hobby and will have to get serious about GR [[Ref. 2](#)], which they will hate. They will have to seek new jobs and get professional, which they will hate even more. They absolutely needed a new fresh "discovery" to secure more cash and prolong their spellbinding hobby. They had no choice.

Needless to say, nobody can define "event horizon" viz. "black hole" in the first place [[Ref. 3](#)]. Nobody can "isolate the features that cause a naked singularity to arise" [[Ref. 4](#)], so if you believe in "event horizons" and "black holes", your first task is to eliminate timelike naked singularities, because even one such beast will immediately wipe out the entire universe.

As to the "discovery" of GW signal on September 14, 2015 (see [above](#)), there is one simple reason why it is fake: there is no spacetime WITHOUT matter. If you could somehow suck out all matter from a spacetime region, you will NOT end up with "bare" spacetime without any matter whatsoever, like the grin of the Cheshire cat WITHOUT the cat. But this is exactly what the "academic scholars" at LIGO and VIRGO are "measuring": BARE spacetime defined ONLY with size, which they monitor with laser beams!

<http://www.god-does-not-play-dice.net/scam.jpg>

Why? Because they cannot define the transport of energy by GWs, to compute the STRESSES in the [material substrate](#), produced by trespassing GWs. So they decided to "bypass" this problem, as there can be no stresses induced in/on a light beam. Just "pure distances". Read '[Gravitational Wave Astronomy: RIP](#)' at the link [above](#).

These are the bold facts known to "GW astronomers". They had to tell the truth, at least once, and finally they did it, but in August 2002:

<http://www.god-does-not-play-dice.net/Schutz.pdf>

Now they desperately need fresh money -- billions of USD and EUR, from your taxes. And they are safe, because nobody will ask David Reitze and his colleagues any questions about these "senior

members of the LIGO team" who made "[blind injections](#)" (see my initial email above): who are they, where is the 'control center' to make such "[blind injections](#)", how can you take control REMOTELY and insert custom made "injections" without being present there, etc. No, nobody will ask any questions.

More from Sherlock Holmes [above](#).

D. Chakalov

February 14, 2016, 19:14 GMT

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[Ref. 1] Jose G. Pereira, Gravitational waves: a foundational review, arXiv:1305.0777v3 [gr-qc], <http://arxiv.org/abs/1305.0777v3>

See an excerpt from p. 8 at <http://www.god-does-not-play-dice.net/Jose.jpg>

[Ref. 2] D. Chakalov, The Spacetime. Online paper, February 11, 2016, 20 pages, at <http://www.god-does-not-play-dice.net/spacetime.pdf>

[Ref. 3] Matt Visser, arXiv:1407.7295v3 [gr-qc], <http://arxiv.org/abs/1407.7295v3>

"Mathematically, one needs to know the entire history of the universe, all the way into the infinite future, and all the way down to any spacelike singularity, to decide whether or not an event horizon exists right here and now."

[Ref. 4] Pankaj S. Joshi and Daniele Malafarina, arXiv:1201.3660v1 [gr-qc], <http://arxiv.org/abs/1201.3660v1>

"We can now say with confidence that one cannot formulate censorship in a rather **general way such as, 'Collapse of any massive star makes a black hole only', or, 'Any physically realistic gravitational collapse must end in a black hole only',** as there are now many counter-examples to such statements. (...) Specifically, one must examine the collapse scenarios carefully and isolate the features that cause a naked singularity to arise."

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Subject: **FRAUD**: E. Berti, arXiv:1602.04476v1 [gr-qc]

Date: Tue, 16 Feb 2016 12:57:57 +0200

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The "detection" of GW signal is a **fraud**:  
[http://www.god-does-not-play-dice.net/GW\\_fake.pdf](http://www.god-does-not-play-dice.net/GW_fake.pdf)

Rainer Weiss' error to use laser interferometer is explained on p. 3 at the link above.

Besides, if you believe can "put a bound on the mass of the graviton", don't hesitate to explain the contribution of quantum vacuum to gravity, after the old cosmological problem from February 1917.

Get real.

D. Chakalov  
[chakalov.net](http://chakalov.net)

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## **NOTE**

Recall Sherlock Holmes [above](#): the first and most obvious explanation of this "GW detection" is fraud by "senior members of the LIGO team".

But there is another explanation, which has nothing to do with "GW astronomy", and is far more interesting than plain fraud. No, I haven't said anything about it: [Matthew 7:6](#). See my website.

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