

# The Philosophy vs. Science Debate

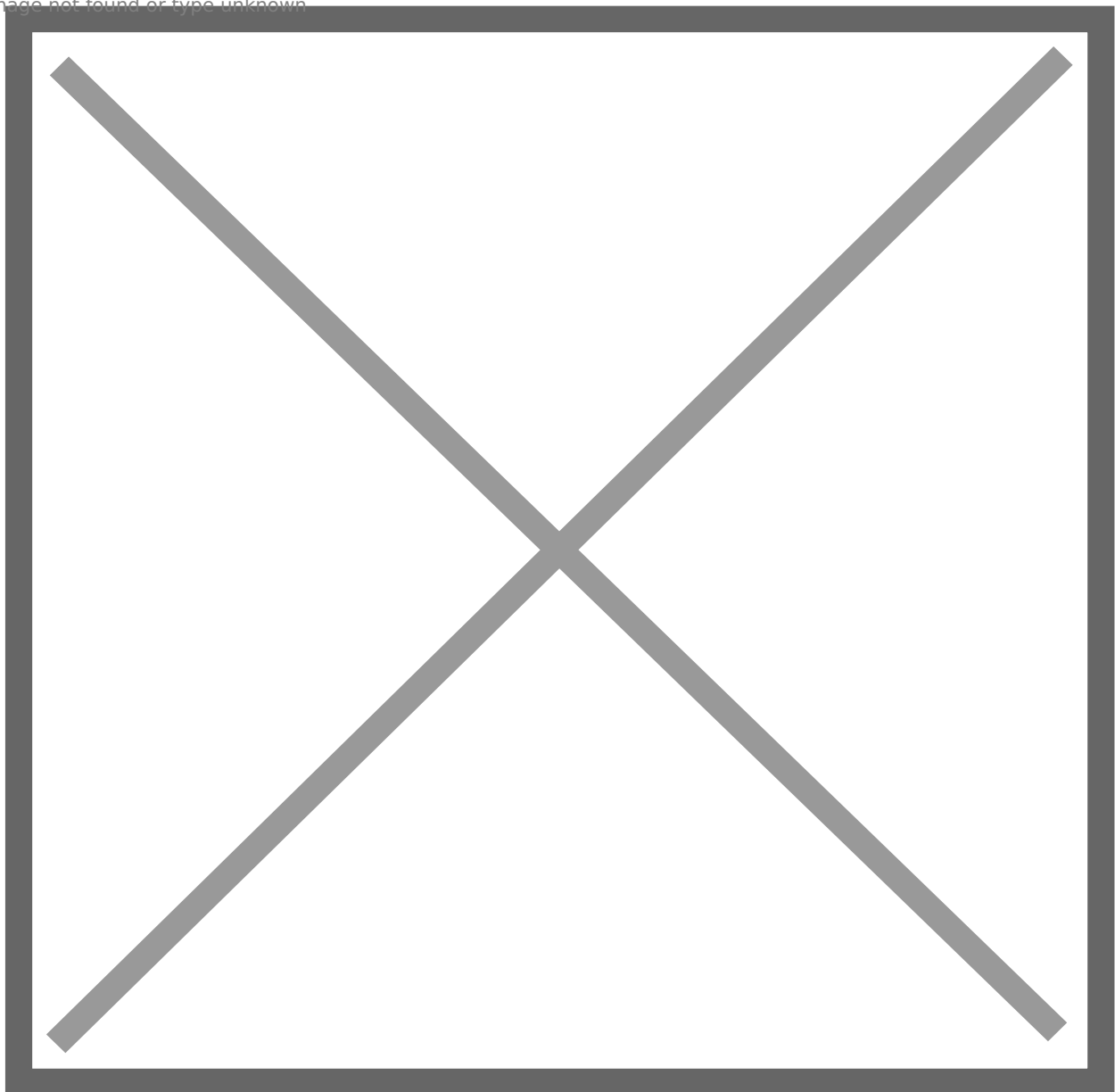
Post by "Don" of November 8, 2023 at 10:45 AM

Is this what you're referring to? (with Richard Dawkins?)

[https://youtu.be/YUe0\\_4rdj0U?si=rSmV7xWR4YIfq58p](https://youtu.be/YUe0_4rdj0U?si=rSmV7xWR4YIfq58p)

Just to clarify: As I understand it, there really isn't ever "something from nothing." See:

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[70-year-old quantum prediction comes true, as something is created from nothing](#)

In our common experience, you can't get something for nothing. In the quantum realm, something really can emerge from nothing.

bigthink.com

#### Quote

If you take all of [the elementary particles] away, however, the “empty space” that remains isn’t quite empty in many physical senses.

For one, even in the absence of particles, quantum fields remain. Just as we cannot take the laws of physics away from the Universe, we cannot take the quantum fields that permeate the Universe away from it.

It's referenced in the article, but here also is a direct link to the animation of what "empty" space is actually doing:

[Derek Leinweber](#)