

What's the Difference Between Chance and Fate to an Epicurean?

Post by "Martin" of January 26, 2019 at 4:35 AM

Florius, I appreciate your clarity and depth regarding philosophy and agree mostly with your comments. Now, I found 3 items where I disagree. Here is the first one:

"Why do we need unverifiable theories about black holes, if we have never encountered one?"

Black holes are an important part of cosmology and therefore directly relevant for our understanding of the world. Although we may not be able to verify all details of the models of black holes, we have sufficient evidence of their existence and therefore encounter them remotely. E.g. we are fairly sure that there is one in the center of our galaxy.

Our offspring might even accidentally produce one in a future accelerator and better will have a fairly good understanding before taking that risk.

That black holes are often in the science headlines reflects rather public interest than that current science was putting a lot of effort on them. The percentage of researchers in that field is extremely small. I am an old physicist and have never knowingly met any of them in person.