

IS CONSCIOUSNESS QUANTUM ?

Consciousness is weird! Quantum physics is weird! So, Consciousness is Quantum, right? Figuring out what the phrase “I think, therefore I am” means is a tough task, and is usually left up to Philosophers. Some say it's an illusion, some say we don't know, and yet others say it must be Quantum. If it's Quantum, then I suppose us physicists can dive into the fray! In this talk, we'll dabble a bit in free-will and determinism to find out why Quantum physics is brought into the picture in the first place. We'll have a look at what makes Quantum physics so weird, and then bring it all together to see if it makes sense to say that Quantum is what makes me, me!

1. At the conclusion of this activity, participants will be able to distinguish which phenomena are likely to be attributable to Quantum Mechanical effects. 2. At the conclusion of this activity, participants will be able to state what a 'wave-particle' duality means in simple terms.