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So, you think you can beat a quantum computer? Quantum computing is often viewed as a futuristic technology, but the practical applications are already here.

What is quantum computing for? But is that a fundamental limitation of nature, where there exists an inherent indeterminism until a measurement is made or a quantum interaction occurs? Or could there be a "hidden reality" that's ...

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Life after Covid in a quantum world Quantum field theory marries the ideas of other quantum theories to depict ... But to explain their interactions in the real world, you need something more. The Dirac equation had a sting in ...

What is quantum field theory? Combined, they present a powerful comment on the undeniable significance of Bell's theorem for the development of ideas in quantum physics over the past 50 years. Questions surrounding the assumptions ...

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How Schrödinger's Cat Helps Explain the New Findings About the Quantum Zeno Effect The next era of quantum technology promises a huge leap forward for business innovation. You don't necessarily have to understand the intricacies of quantum physics to experience its value.

You Don't Have To Be A Physicist To Unleash The Business Power Of Quantum Tech Researchers at the French Alternative Energies and Atomic Energy Commission (CEA) in Grenoble are confident of reaching a key milestone at the end of this year in their quest to build a quantum ...

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Quantum computing just took on another big challenge, one that could be as tough as steel Now mathematicians want to do the same for QFT, taking the ideas ... Institute for Theoretical Physics in Waterloo, Canada. Quantum fields come about when you're observing quantum phenomena ...

The Mystery at the Heart of Physics—That Only Math Can Solve Pursuing a degree in physics can be the first step towards a variety of career opportunities. Here are four universities producing inventive thinkers through Physics.

In Europe, physics programmes with impact and connects quantum theory with diverse ideas, from Buddhist thinking to the grand themes of the Russian revolution. If you enjoy this episode, make sure to also join us for the inaugural Physics ...

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