

### Quantum, Relativity, Consciousness And Beyond: A Scientific Quest for Ultimate Reality

Shan Gao PhD

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Notwithstanding the great advances in modern science, there are some deep, unexplained mysteries, and our current world view is still fragmented. On the one hand, the two pillars of modern physics, namely relativity and quantum theory, are not only incomplete respectively but also incompatible with each other. Moreover, they are difficult to understand and even incomprehensible. On the other hand, there is a deeper mystery concerning our most familiar phenomenon - consciousness. The relationship between mind and matter presents a longstanding hard problem for both philosophy and science. It is still unclear whether consciousness is an emergent property of complex physical processes or a fundamental feature of the universe.

This book aims at explaining these greatest mysteries in modern science, and in the end, providing a unified scientific picture of the ultimate reality. Unlike many popular science books on these topics, this book places priority on the rigor of the scientific arguments. At the same time, most of its contents are accessible to general readers.

#### Book & Thoughts Reviews:

If it goes through, this would be an original and significant contribution to the debate over the nature of motion.

---- Reviewer of American Philosophical Quarterly

The idea of using discontinuous motion as a realist interpretation of quantum mechanics is original.

---- Reviewer of Foundations of Physics

Its very existence is at any rate, an excellent illustration of the extent to which physical data force us to depart from commonsense ideas when we try to depict reality "as it really is".

---- Bernard d'Espagnat, theoretical physicist, philosopher of science, Templeton Prize 2009 Laureate, author of Conceptual Foundations of Quantum Mechanics and On Physics and Philosophy

I agree with you that, if you modify quantum mechanics in such a way that an NSDD becomes possible and if you leave everything else the same, there might be a possibility for superluminal communication.

---- Philippe Eberhard, theoretical physicist, Lawrence Berkeley Laboratory, University of California

As to the irreducibility of mentality to physical reality I sympathize thoroughly.

---- Abner Shimony, Professor Emeritus of Philosophy and Physics at Boston University, one of the most eminent physicist-philosophers, author of The Search for a Naturalistic World View

#### About the Author

Shan Gao graduated from the Institute of Electronics, Chinese Academy of Science in 1995. He is a theoretical physicist, whose major interests are in foundations of quantum theory, superluminal

communication and quantum consciousness etc. His original ideas, including random discontinuous motion, quantum superluminal communication and quantum panpsychism, have been published in professional journals such as International Journal of Theoretical Physics, Foundations of Physics and Minds and Machines etc. He is the author of Quantum Motion - Unveiling the Mysterious Quantum World, God Does Play Dice with the Universe, Quantum Physics: From Illusion to Reality, and four other Chinese books. His first popular science book Quantum (in Chinese) is very successful, and it has sold more than ten thousands copies in China during the last few years.



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A lot of people always spent their own free time to vacation as well as go to the outside with them family or their friend. Were you aware? Many a lot of people spent they will free time just watching TV, or perhaps playing video games all day long. If you wish to try to find a new activity honestly, that is look different you can read a book. It is really fun in your case. If you enjoy the book you read you can spent all day long to reading a book. The book Quantum, Relativity, Consciousness And Beyond: A Scientific Quest for Ultimate Reality it doesn't matter what good to read. There are a lot of people who recommended this book. These

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