

WORKING TITLE:

BACK FROM THE FUTURE

By

Jack Sarfatti & Arik Shimansky

Overview

90 years ago physics lost its grip on reality. The emergence of Quantum Physics, as understood by most physicists, meant that reality is not determined until measured: Schrödinger's Cat is both dead and alive until a measurement has taken place. Since then, the theory that has been described as the most successful physical theory ever developed, has changed the face of science, technology and our world. But a small group of scientists, initially led by Einstein, never accepted the loss of reality as the right way to describe the world. That group has painstakingly developed an alternative theory that has slowly matured and has far reaching implications. This book, targeting the general reader, presents this alternative point of view.

The implication of the new view Post Quantum Mechanics (PQM) are astounding. One of the authors, Jack Sarfatti, described by David Kaiser in How the Hippies Saved Physics as one of the founders of the billion dollar quantum information revolution, has pushed the boundaries of PQM to show how consciousness emerges from the world. These ideas are presented to the general public for the first time.

In this book the reader will learn how information from the future is affecting the present through a quantum mechanical Destiny Wave. How the interaction between particles, and the potential that drives them, leads to the emergence of consciousness. Expanding these ideas to the universe as a whole, we show that the logical outcome of the theory is that universal consciousness is likely to emerge towards the end of time, and through the Destiny Wave mechanism communicates with the past. This elegantly combines the ideas of evolution and intelligent design into a consistent physical theory.

PQM also allows for instantaneous communications at a distance, the breaking of quantum codes, and the creation of a conscious computer.

The book will present these ideas clearly to lay readers, taking them through the major implications of the theory. The first part of the book will present the reader with an easy to follow introduction to PQM by describing some of the experiments that clash with everyday common sense. The two main principles of PQM according to Sarfatti, the influence of the future on the present, and the back reaction of matter on its quantum driving potential, are shown to lead to astounding predictions about reality, life and consciousness. Consciousness as one of the basic force of the universe is described, and finally, Sarfatti shows how mind-matter duality emerges naturally from the theory.

In this book Sarfatti will cement his reputation as the bad boy of physics and it is sure to spark a raucous in the scientific community. The topics covered, and especially the extension of the theory to the areas of intelligent design and the physical basis for consciousness, will have wide popular appeal and are likely to result in a significant public debate. The book will be aimed at the general public and will be structured in a way that will make it possible to understand the conclusions of the theory without delving into the physics behind it.

The notoriety of Sarfatti and the development of a physical theory that describes a mechanism for intelligent design and a universal consciousness have the making of creating a national, and possibly, an international bestseller.

Proposed Structure:

Two parts:

- A) Foundations of Reality: The new description of reality using PQM with back-reaction (BR) and retro-causality (RC). Reality is reclaimed using Bohm's approach, the interplay between non-locality and the direction of information flow, and the role of information in the fabric of space time. Consciousness as a building block of the universe is presented.
- B) The Teleological Universe: Implications of a new complete description of reality are applied to various areas, from quantum cryptography, life & evolution, consciousness, the concept of free will, and the living structure of the universe.

Outline

(A) Foundations of Reality

1. Changing the past: Post-selection experiments
2. Predicting the future: Precognition studies
3. It is not there until you see it: Current view
4. Does the future have to be ahead of us? Time & emergence
5. The story of the zigzag: Nonlocality vs the direction of time
6. Back from the future: The Destiny Wave
7. Something out nothing: Everything has a source
8. Making a difference: The back-reaction and its implications
9. Quantum computing: What is it and why is it important?
10. Consciousness as the back-reaction
11. Spacetime and the Qubit: Everything is information
12. The complete picture: Post quantum mechanics and the real, and surprising, universe

(B) The Teleological Universe

13. Are quantum communications secure?
14. Ω and the end of time: Universal consciousness
15. Life & Evolution: Emergence with the end in sight
16. Seeing the future: Precognition and the Destiny Wave
17. Being human: Free will in a retro-casual world
18. The mind of the universe: From α to Ω