

THE BRIDGE OF LIGHT IN QUANTUM PHYSICS

A New Boundary Breaking Theory
in Modern Quantum Physics

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Calculations: All [Calculations](#) in [Mathematica 11.0](#) have been printed in a [PDF File](#)

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Preface

When you read this book, it is very likely that the world of Physics is still very calm. Like in the early morning, just when the sun rises. You feel peace and the birds start to wake up and you hear the first sounds breaking the silence of the night. The sounds of joy, the sounds of happiness, the sounds of peace. But it is the morning of the great battle. The battle in physics. Still everybody is asleep. There is no sign of aggression. But soon the armies will rise and the battle will be dark and merciless.

Because there is so much to lose. And what is there to gain. Physics has taken over Religion. Physics has replaced the God of Love by the God of the Dice. In Quantum Physics the magicians wave like Harry Potter magicians with their wands and speak out not understandable spells and create new formulas, new elementary particles which need so much more money to investigate. Physics has taken over the immense donations which were given in the past to the churches and which are given now in immense amounts in the form of worldwide funding to high energy accelerators like CERN.

But the war is coming. And this book is written in the darkest hours of the night and is presented in the morning just when the sun is rising and just before the war is starting. And the war will be merciless. Because there is so much to lose. It will be the war between Light and Darkness. The war between Freedom and Slavery. The war between Probability and Light. And the empires of physics will ignore what is coming. They will look deep into their books with magic spells and they do not see that the war is coming. Because they do not see what they do not want to see.

The new theory presented in this book will break patterns, will break believes and will break power. But that will not happen until the war has started and the Empire of Physics will strike back. Because there is so much to lose.

Because this theory will break patterns in thinking it is not possible to avoid the old patterns. And it is not possible to avoid the old equations and to avoid the old theories and to avoid the old spells. In the ancient Greece, philosophers like [Plato](#) were already discussing the concept of matter build out of particles. Called a-tomos (atom) by [Democritus](#) and means not dividable. And since then the concept of the atom has never left the human mind.

This new theory will break with the ancient concepts over more than 2000 years old. This new theory will be avoided by any physicist who respects himself and has been respected by his colleagues. How dare somebody to claim that we think in the wrong way already over more than 2000 years. It is like cursing in the Holy Church. The Holy Church of Physics. But this theory is already spreading over the internet like an indestructible bug. And when the morning rises,

Physics cannot deny anymore the question: Is Physics following the right path of human logic or is Physics a mind blowing expensive trip in the non-existing worlds of illusions?

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1. Introduction

The presented theory in this book has been grounded on a fundamental mathematical mistake in Classical Electromagnetic Field Theory with Impact on General Relativity, Quantum Physics and the boundaries of our Universe.

The famous [1927 Solvay Conference](#) was considered a turning point in the world of Physics. The scientific realists like Albert Einstein had lost and the instrumentalists like Niels Bohr had won the fundamental conflict. Since then Physics has followed the path of the instrumentalists in which Quantum Physics has been determined by the concept of Elementary Particles and Probability Waves.

The instrumentalists do believe that what you measure is the truth. But unfortunately that is not the truth at all. Because we do not really measure with our instruments but finally we do measure with our mind. We can measure the speed of a sound wave and then we get a number. Is that the speed of sound? No, that is not the speed of sound at all. We measure the speed of sound with our mind. With our final conclusions. Some will call the found number simply the speed of sound. But other people will say. No, what was the speed of the wind when you measured it and then they will subtract the speed of the wind relative to the observer and calculate from there the speed of sound. Because indeed, the speed of sound we measure depends on the speed of the wind. Our mind will give us the final answers and not the measurements.

When an ambulance moves towards us we will hear and we will measure a different pitch than when the ambulance has passed us and moves away from us. Measurements of the pitch will tell us nothing about the real pitch of the ambulance siren. Only with our mind we can come to the right conclusions. That is the point of view of the scientific realists like Albert Einstein. And they lost during that famous mind breaking [1927 Solvay Conference](#). Where the mind lost from the desire and the greed to get results and to become famous.

And since then the instrumentalists have always ruled over the scientific realists. And people started to believe in numbers. The mind had been set aside and only the numbers count. And physics became a strange weird science with [color forces](#) and [quarks](#).

In our [brave new world](#) numbers rule over the mind. The soul has been forgotten and God has been replaced by a quantum physical Dice. Life after death does not exist anymore like life before death. With the mind completely ignored we have started to believe in a world without a spiritual world. A world without colors. A world, dark, grey and black. Art, music and beauty have been removed from our schools, from our universities, from our society.

And the numbers rule over our world. Numbers in mathematics, numbers in physics, numbers in computers, numbers in performance, numbers in measuring our quality of life. A world of blind numbers, Because numbers mean nothing when you cannot think. When the mind has become blind, then the world has become blind. And blind meaningless numbers direct us on blind meaningless roads in a blind meaningless world. A world of blind meaningless complex numbers.

A world ruled by blind meaningless Quantum Physics controlled by blind meaningless complex numbers controlled by blind meaningless complex [Probability Waves](#). This has become the unfortunate reality of our world today. Because Quantum Physics is ruling our world and is now everywhere. In our modern technology, in our smart phones and in the coming generation of [Quantum Computers](#).

But nowadays, almost a hundred years after the famous [1927 Solvay Conference](#) , after Einstein's famous declaration: [God does not play Dice](#), something is changing. It is like the blind world is running into a wall and the coming big clash, the coming revolution in Physics, will wake up again the human mind. And surprised we will ask ourselves: How did we get so far, how did we get so blind that we have lost so totally our mind and have believed in blind scientists who were preaching blind numbers they never understood. That we have forgotten the power of love and have turned our world full of colors, beauty, music and art into a blind world of shadows and darkness enslaved by the numbers.

This will happen because the truth can never be swept under the carpet forever. One day we will face ourselves and find out that we are living in a world of full of lies. And the scientists start already to feel that the big clash is coming. They already measure that what they do measure is not what they want to measure.

It started already in May 2013, when for the first time a photo had been made of the [Probability Waves Inside the Hydrogen Atom](#) . It should be impossible to make a photo of a [non-existing complex probability wave with mass zero](#) But the fact could not be denied anymore that scientists had succeeded to make the “complex” and the “[non-existing](#)” quantum mechanical “[Probability Wave](#)” visible. New discoveries like “[Photonic Molecules](#)” and “[Photon-Photon Interaction](#)” require a new interpretation of the [Copenhagen Interpretation](#) . Since the [Copenhagen Interpretation](#) there is still no clarity about the physical interpretation of the Quantum Mechanical “[Probability Wave Function](#)”

This Manuscript describes a third unknown interpretation of the Quantum Mechanical “Probability Wave Function”. A fundamental physical interpretation that will change the generally accepted [Copenhagen Interpretation](#).